

THE SMD CODEBOOK

SMD Codes.

SMD devices are, by their very nature, too small to carry conventional semiconductor type numbers. Instead, a somewhat arbitrary coding system has grown up, where the device package carries a simple two- or three-character ID code.

Identifying the manufacturers' type number of an SMD device from the package code can be a difficult task, involving combing through many different databooks.

This HTML book is designed to provide an easy means of device identification. It lists well over 3,400 device codes in alphabetical order, together with type numbers, device characteristics or equivalents and pinout information.



How to use the SMD Codebook

To identify a particular SMD device, first identify the package style and note the ID code printed on the device. Now look up the code in the alphanumeric listing which forms the main part of this book by clicking on the first character shown in the left-menu.

Unfortunately, each device code is not necessarily unique. For example a device coded **1A** might be either a **BC846A** or a **FMMT3904**. Even the same manufacturer may use the same code for different devices!

If there is more than one entry, use the package style to differentiate between devices with the same ID code.

This compilation has been collected from R P Blackwell G4PMK, manufacturers' data and other sources of SMD device ID codes, pinout and leaded device equivalent information.

The entries under the Manufacturer column are not intended to be comprehensive; rather they are intended to provide help on locating sources of more detailed information if you require it.

ID Code Variations

Many manufacturers use an extra letter as their own identification code. If the device is from Philips it will sometimes have a lower case 'p' (or sometimes 't') added to the code; Siemens devices usually have a lower case 's'.

For example, if the code is **1A**, according to the table there are a number of possibilities:

- 1A BC846A Phi ITT N BC546A
- 1A FMMT3904 Zet N 2N3904
- 1A MMBT3904 Mot N 2N3904
- 1A IRLML2402 IR F n-ch mosfet 20V 0.9A

This has been a problem in the past, however recently manufacturers have been adding lower case letters which clarify the code.

Many recent Motorola devices have a small superscript letter after the device code, such as **SA^C**. (This smaller letter is merely a month of manufacture code.)

Many devices from Rohm Semiconductors which start with **G** have direct equivalents found in the rest of the number. For example **GD1** is the same as **D1** which is a BCW31.

Some devices have a single coloured letter (usually on extremely small diode packages). Colour, if significant, is shown in small type after the code letter.

An 'L' suffix usually indicates a low-profile package, such as an SOT323 or SC70.



SOT323.



SC70.

Reverse joggle devices do present a few problems. They often have an 'R' in the type number. A reverse package is one where the lead have been bent up instead of down. So it's a mirror image of a conventional device. Identification is usually possible from the code number, but some manufacturers use the same code. In these cases, it's a case of looking at the device with a magnifying glass. The leads of most normal packages come out closer to the circuit board side of the device; conversely a reverse joggle package will have them coming out closer to the 'top' of the device.

Sometimes a series of devices, derived from the same die, have related type (not code) numbers. Often an 'R' will indicate a reverse joggle package, and/or a 'W' indicate a smaller package variant, such as SOT343.

Sometimes similarities are also found in the code numbers. For example:

Recently some manufacturers have used a symbol or lower case letter to indicate the country of manufacture. These have been ignored in the alphabetical ordering. For example:

- '67' is the code for a BFP67 (SOT143 package) ,
- '67R' is the code for the reverse joggle variant BFP67R (SOT143R),
- 'W67' is the code for a SOT343 package version.



SOT143.

'Z-S' and 'ZtS ' are both 2PC4081Q devices made by Philips; the first made in Hong Kong and the second in Malaysia; this appears in the codebook classified under **ZS**.

Leaded equivalent device and information

Where possible, the listing gives the part number of a conventional wire-leaded device with equivalent characteristics. If the leaded device is well-known then no more information is given. If the device is less common, some additional information will sometimes be given. Where no exact leaded equivalent exists, a brief device description is given, which may be sufficient to allow substitution with another device.

When describing device characteristics, some terms are implied from the type of device. For example, a voltage specified for a rectifier diode is usually the maximum PIV (peak inverse voltage) of the diode, but for a zener diode the operating (zener voltage) will be given.

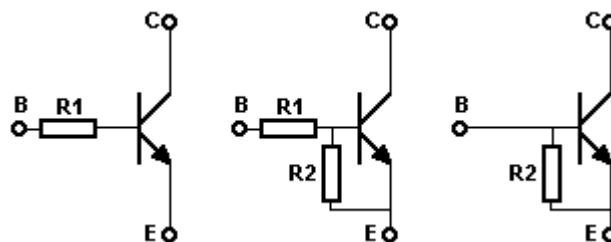
Normally, where a voltage, current or power is specified, these will be limiting values. For example, a device specified as NPN 20V 0.1A 1W is a NPN transistor with a V_{ce} (max) of 20V, maximum collector current of 100mA and a maximum total power dissipation of 1W. Some of the transistors are types with integrated resistors; in the list, a base resistor means a resistor connected in series with the base. When two resistor values are given, the first is the series base resistor, and the second the resistor between base and emitter.

Digital Transistors (dtr)

These are transistors with built-in resistors.

Some have one resistor between base and emitter, others in series with the base. Many others have both.

To keep things simple, the series resistor is called R1 and the base emitter resistor is called R2. If both are present, then two values are given, R1 first. So 4k7 + 10k means that R1 (the base resistor) is 4k7 and R2 (the resistor between base and emitter) is 10k.



Conclusion

Identifying the manufacturers' type number of an SMD device from the package code can be a difficult task, involving combing through many different databooks. This HTML book is designed to provide an easy means of device identification.

Abbreviations

| | |
|----------------|--|
| amp | amplifier |
| atten | attenuator |
| a | anode |
| b | base |
| c | cathode |
| ca | common anode |
| cc | common cathode |
| comp | complement |
| d | drain |
| dg | dual gate |
| dtr | digital transistor (see codebook introduction) |
| enh | enhancement (mode - FETs) |
| fet | field effect transistor |
| fT | transition frequency |
| GaAsfet | Gallium Arsenide field effect transistor |
| g | gate |
| gnd | ground |
| gp | general purpose |
| hfe | small signal current gain |
| i/p | input |
| Id | drain current |
| Ig | gate current |
| Ir | reverse leakage current (diodes) |
| jfet | junction field effect transistor |
| MAG | maximum available gain |
| max | maximum |

| | |
|---------------|---|
| min | minimum |
| mmic | microwave miniature integrated circuit |
| modamp | modular amplifier - an mmic amplifier |
| mosfet | metal oxide insulated gate fet |
| n-ch | n-channel fet (any type) |
| npn | npn bipolar transistor |
| o/p | output |
| p-ch | p-channel fet (any type) |
| pin | pin diode |
| pkg | package |
| pnp | pnp bipolar transistor |
| prot | protection, protected (as in mosfet gate) |
| res | resistor |
| s | source |
| ser | series |
| Si | silicon |
| substr | substrate |
| sw | switch or switching |
| Vce | collector - emitter voltage (maximum) |
| Vcc | collector supply voltage |

Manufacturer abbreviations

| | |
|-------------|----------------------------------|
| Agi | Agilent (was HP) |
| Fch | Fairchild |
| HP | Hewlett-Packard (Now Agilent) |
| Inf | Infineon (was Siemens) |
| ITT | ITT Semiconductors |
| MC | Mini-Circuits |
| Mot | Motorola (now ON Semiconductors) |
| Nat | National Semiconductor |
| Nec | NEC |
| NJRC | New Japan Radio Co |
| ON | ON Semiconductors (was Motorola) |
| Phi | Philips |
| Roh | Rohm |
| SGS | SGS-Thompson |
| Sie | Siemens (now Infineon) |
| Sil | Siliconix (Vishay-Silliconix) |
| Tem | Temic Semiconductors |
| Tfk | Telefunken (Vishay-Telefunken) |
| Tok | Toko Inc. |
| Zet | Zetex |

Codes beginning with '0'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|-----------|--------------|------|---------|---------------------------------|
| 0 | 2SC3603 | Nec | CX | SOT173 | Npn RF fT 7GHz |
| 005 | SSTPAD5 | Sil | J | - | PAD-5 5pA leakage diode |
| p01 | PDTA143ET | Phi | N | SOT23 | pnp dtr 4k7+4k7 |
| t01 | PDTA143ET | Phi | N | SOT23 | pnp dtr 4k7+4k7 |
| 01 | Gali-1 | MC | AZ | SOT89 | DC-8GHz MMIC amp 12dB gain |
| 010 | SSTPAD10 | Sil | J | - | PAD-10 10pA leakage diode |
| 011 | SO2369R | SGS | R | SOT23R | 2N2369 |
| 02 | BST82 | Phi | M | - | n-ch mosfet 80V 175mA |
| 02 | MRF5711L | Mot | X | SOT143 | npn RF MRF571 |
| 02 | DTCC114T | Roh | N | - | 50V 100mA npn sw + 10k base res |
| 02 | Gali-2 | MC | AZ | SOT89 | DC-8GHz MMIC amp 16dB gain |
| p02 | PDTC143ET | Phi | N | SOT23 | npn 4k7+4k7 bias res |
| t02 | PDTC143ET | Phi | N | SOT23 | npn 4k7+4k7 bias res |
| 03 | Gali-3 | MC | AZ | SOT89 | DC-3GHz MMIC amp 22dB gain |
| 03 | DTC143TE | Roh | N | EMT3 | npn dtr R1 4k7 50V 100mA |
| 03 | DTC143TUA | Roh | N | SC70 | npn dtr R1 4k7 50V 100mA |
| 03 | DTC143TKA | Roh | N | SC59 | npn dtr R1 4k7 50V 100mA |
| 04 | DTC114TCA | Roh | N | SOT23 | npn dtr R1 10k 50V 100mA |
| 04 | DTC114TE | Roh | N | EMT3 | npn dtr R1 10k 50V 100mA |
| 04 | DTC114TUA | Roh | N | SC70 | npn dtr R1 10k 50V 100mA |
| 04 | DTC114TKA | Roh | N | SC59 | npn dtr R1 10k 50V 100mA |
| 04 | MRF5211L | Mot | X | SOT143 | pnnp RF MRF521 |
| 04 | Gali-4 | MC | AZ | SOT89 | DC-4GHz MMIC amp 17.5 dBm |
| -04 | PMSS3904 | Phi | N | SOT323 | 2N3904 |
| t04 | PMBS3904 | Phi | N | SOT23 | 2N3904 |
| 05 | Gali-4 | MC | AZ | SOT89 | DC-4GHz MMIC amp 18 dBm o/p |
| 05 | DTC124TE | Roh | N | EMT3 | npn dtr R1 22k 50V 100mA |
| 05 | DTC124TUA | Roh | N | SC70 | npn dtr R1 22k 50V 100mA |
| 05 | DTC124TKA | Roh | N | SC59 | npn dtr R1 22k 50V 100mA |
| 05F | TSDF1205R | Tfk | WQ | - | fT 12GHz npn 4V 5mA |
| 06 | Gali-6 | MC | AZ | SOT89 | DC-4GHz MMIC amp 115 dBm o/p |
| 06 | DTC144TE | Roh | N | EMT3 | npn dtr R1 47k 50V 100mA |
| 06 | DTC144TUA | Roh | N | SC70 | npn dtr R1 47k 50V 100mA |
| 06 | DTC144TKA | Roh | N | SC59 | npn dtr R1 47k 50V 100mA |

| | | | | | |
|-----|------------|-----|----|--------|---------------------------|
| -06 | PMSS3906 | Phi | N | SOT323 | 2N3906 |
| t06 | PMBS3906 | Phi | N | SOT23 | 2N3906 |
| 020 | SSTPAD20 | Sil | J | - | PAD-20 20pA leakage diode |
| 050 | SSTPAD50 | Sil | J | - | PAD-50 50pA leakage diode |
| 081 | SO2369AR | SGS | R | SOT23R | 2N2369A |
| 09 | DTC115TUA | Roh | N | SC70 | npn dtr R2 100k 50V 100mA |
| 09 | DTC115TKA | Roh | N | SC59 | npn dtr R2 100k 50V 100mA |
| 0A | MUN5111DW1 | Mot | DO | SOT363 | dual pnp dtr 10k+10k |
| 0A | DTC125TUA | Roh | N | SC70 | npn dtr R2 100k 50V 100mA |
| 0A | DTC125TKA | Roh | N | SC59 | npn dtr R2 100k 50V 100mA |
| 0B | MUN5112DW1 | Mot | DO | SOT363 | dual pnp dtr 22k+22k |
| 0C | MUN5113DW1 | Mot | DO | SOT363 | dual pnp dtr 47k+47k |
| 0D | MUN5114DW1 | Mot | DO | SOT363 | dual pnp dtr 10k+47k |
| 0E | MUN5115DW1 | Mot | DO | SOT363 | dual pnp dtr R1 10k |
| 0F | MUN5116DW1 | Mot | DO | SOT363 | dual pnp dtr R1 4k7 |
| 0G | MUN5130DW1 | Mot | DO | SOT363 | dual pnp dtr 1k0+1k0 |
| 0H | MUN5131DW1 | Mot | DO | SOT363 | dual pnp dtr 2k2+2k2 |
| 0J | MUN5132DW1 | Mot | DO | SOT363 | dual pnp dtr 4k7+4k7 |
| 0K | MUN5133DW1 | Mot | DO | SOT363 | dual pnp dtr 4k7+47k |
| 0L | MUN5134DW1 | Mot | DO | SOT363 | dual pnp dtr 22k+47k |
| 0M | MUN5135DW1 | Mot | DO | SOT363 | dual pnp dtr 2k2+47k |

Codes beginning with '1'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|---------|------------|--------------|------|---------|---------------------------------|
| 1 | 2SC3587 | Nec | CX | - | npn RF fT10GHz |
| 1 | BA277 | Phi | I | SOD523 | VHF Tuner band switch diode |
| 1 (red) | BB669 | Sie | I | SOD323 | 56-2.7 pF varicap |
| 10 | MRF9411L | Mot | X | SOT143 | npn Rf 8GHz MRF941 |
| 10A | PZM10NB2A | Phi | A | SOT346 | dual ca 10V 0.3W zener |
| 10V | PZM10NB | Phi | C | SOT346 | 10V 0.3W zener |
| 10Y | BZV49-C10 | Phi | O | SOT89 | 10V 1W zener |
| 11 | MRF9511L | Mot | X | SOT143 | npn RF 8GHz MRF951 |
| 11 | MUN5311DW1 | Mot | DP | SOT363 | npn/pnp dtr 10k+10k |
| 11 | PDTA114EU | Phi | N | SOT416 | pnp dtr |
| p11 | PDTA114TT | Phi | N | SOT23 | pnp dtr |
| t11 | PDTA114TT | Phi | N | SOT23 | pnp dtr |
| 11A | PZM11NB2A | Phi | A | SOT346 | dual ca 11V 0.3W zener |
| 11A | MMBD1501A | Nat | C | SOT23 | Si diode 200V 100mA |
| 11V | PZM11NB | Phi | C | SOT346 | 11V 0.3W zener |
| 11Y | BZV49-C11 | Phi | O | SOT89 | 11V 1W zener |
| 12 | MUN5312DW1 | Mot | DP | SOT363 | npn/pnp dtr 22k+22k |
| 12 | DTA123EUA | Rho | N | SC70 | pnp dtr 2k2+2k2 50V 100ma |
| 12 | DTA123EKA | Rho | N | SC59 | pnp dtr 2k2+2k2 res 50V 100ma |
| p12 | PDTC114TT | Phi | N | SOT23 | npn dtr |
| t12 | PDTC114TT | Phi | N | SOT23 | npn dtr |
| 12A | MMBD1502A | Nat | K | SOT23 | Si diode 200V 100mA |
| 12A | PZM12NB2A | Phi | A | SOT346 | dual ca 12V 0.3W zener |
| 12E | ZC2812E | Zet | D | SOT23 | dual series RF schottky15V 20mA |
| 12V | PZM12NB | Phi | C | SOT346 | 12V 0.3W zener |
| 12Y | BZV49-C12 | Phi | O | SOT89 | 12V 1W zener |
| 13 | DTA143EUA | Rho | N | SC70 | pnp dtr 4k7+4k7 50V 100ma |
| 13 | DTA143EKA | Rho | N | SC59 | pnp dtr 4k7+4k7 50V 100ma |
| 13 | DTA143ECA | Rho | N | SOT23 | pnp dtr 4k7+4k7 50V 100ma |
| 13t | BC846BPN | Phi | N | SOT363 | BC546B |
| 13s | BAS125 | Sie | C | SOT23 | Schottky sw 24V 100mA |
| 13s | BAS125W | Sie | C | SOT323 | Schottky sw 24V 100mA |
| 13 | MA4CS103A | M/A | C | SOT23 | Schottky RF 20V 100mA |
| 13 | MUN5313DW1 | Mot | DP | SOT363 | npn/pnp dtr 47k+47k |
| 13A | MMBD1503A | Nat | D | SOT23 | dual Si diode 200V 100mA |
| 13A | PZM13NB2A | Phi | A | SOT346 | dual ca 13V 0.3W zener |
| 13E | ZC2813E | Zet | A | SOT23 | dual ca RF schottky15V 20mA |
| 13V | PZM13NB | Phi | C | SOT346 | 13V 0.3W zener |
| 13Y | BZV49-C13 | Phi | O | SOT89 | 13V 1W zener |

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|-----|-------------|-----|----|--------|--------------------------------|
| 14s | BAS125-04 | Sie | D | SOT23 | Dual series Schottky 25V 100mA |
| 14s | BAS125-04W | Sie | D | SOT323 | Dual series Schottky 25V 100mA |
| 14 | BAT114-099R | Sie | DQ | - | Quad Schottky crossover ring |
| 14 | DTA114EUA | Roh | N | SC70 | pnnp dtr 10k + 10k |
| 14 | DTA114EKA | Roh | N | SC59 | pnnp dtr 10k + 10k |
| 14 | MUN5314DW1 | Mot | DP | SOT363 | npn/npn dtr 10k R1 |
| 14 | DTA114ECA | Roh | N | SOT23 | pnnp dtr 10k + 10k |
| 14A | MMBD1504A | Nat | B | - | dual cc Si diode 200V 100mA |
| 15s | BAS125-05 | Sie | B | SOT23 | dual cc Schottky 25V 100mA |
| 15s | BAS125-05W | Sie | B | SOT323 | dual cc Schottky 25V 100mA |
| 15 | DTA124EUA | Roh | N | SC70 | pnnp dtr 30V 50mA 22k+22k |
| 15 | DTA124EKA | Roh | N | SC59 | pnnp dtr 30V 50mA 22k+22k |
| 15 | DTA124ECA | Roh | N | SOT23 | pnnp dtr 30V 50mA 22k+22k |
| 15 | MUN5315DW1 | Mot | DP | SOT363 | npn/npn dtr 10k R1 |
| 15 | MMBT3960 | Mot | N | - | 2N3960 |
| 15A | MMBD1505A | Nat | A | - | dual ca Si diode 200V 100mA |
| 15A | PZM15NB2A | Phi | A | SOT346 | dual ca 15V 0.3W zener |
| 15V | PZM15NB | Phi | C | SOT346 | 15V 0.3W zener |
| 15Y | BZV49-C15 | Phi | O | SOT89 | 15V 1W zener |
| p16 | PDTC114ET | Phi | N | SOT23 | npn dtr |
| t16 | PDTC114EU | Phi | N | SOT323 | npn dtr |
| 16s | BAS125-06 | Sie | A | SOT23 | dual ca Schottky 25V 100mA |
| 16s | BAS125-06W | Sie | A | SOT323 | dual ca Schottky 25V 100mA |
| 16 | MUN5316DW1 | Mot | DP | SOT363 | npn/npn dtr 4k7 R1 |
| 16 | DTA144EUA | Roh | N | SC70 | pnnp dtr 30V 50mA 47k+47k |
| 16 | DTA144EKA | Roh | N | SC59 | pnnp dtr 30V 50mA 47k+47k |
| 16V | PZM16NB | Phi | C | SOT346 | 16V 0.3W zener |
| 16Y | BZV49-C16 | Phi | O | SOT89 | 16V 1W zener |
| 17s | BAS125-07 | Sie | S | SOT143 | dual Schottky 25V 100mA |
| 17s | BAS125-07W | Sie | S | SOT343 | dual Schottky 25V 100mA |
| p17 | PDTC124ET | Phi | N | SOT23 | npn dtr |
| t17 | PDTC124EU | Phi | N | SOT323 | npn dtr |
| 18 | BFP181T | Tfk | X | - | npn Rf ft 7.8GHz 10V 20mA |
| 18 | PDTC143ZK | Phi | N | SOT346 | npn dtr 4k7+47k |
| p18 | PDTC143ZT | Phi | N | SOT23 | npn dtr 4k7+47k |
| t18 | PDTC143ZT | Phi | N | SOT23 | npn dtr 4k7+47k |
| 18V | PZM18NB | Phi | C | SOT346 | 18V 0.3W zener |
| 18Y | BZV49-C18 | Phi | O | SOT89 | 18V 1W zener |
| 19 | PDTA143ZK | Phi | N | SOT346 | pnnp dtr 4k7+47k |
| 19 | DTA115EUA | Rho | N | SC70 | pnnp dtr 100k+100k 50V 100ma |
| 19 | DTA115EKA | Rho | N | SC59 | pnnp dtr 100k+100k 50V 100ma |
| p19 | PDTA143ZT | Phi | N | SOT23 | pnnp dtr 4k7+47k |
| t19 | PDTA143ZT | Phi | N | SOT23 | pnnp dtr 4k7+47k |
| 100 | SSTPAD100 | Sil | J | SOT23 | PAD-100 100pA leakage diode |
| 101 | PZM10NB1 | Phi | C | SOT346 | 10V 0.3W zener |
| 102 | PZM10NB2 | Phi | C | SOT346 | 10V 0.3W zener |
| 103 | PZM10NB3 | Phi | C | SOT346 | 10V 0.3W zener |
| 111 | PZM11NB1 | Phi | C | SOT346 | 11V 0.3W zener |
| 111 | DTA113ZUA | Roh | N | SC70 | pnnp dtr 1k+10k 50V 100mA |
| 112 | PZM11NB2 | Phi | C | SOT346 | 11V 0.3W zener |
| 113 | PZM11NB3 | Phi | C | SOT346 | 11V 0.3W zener |
| 113 | DTA143ZUA | Roh | N | SC70 | pnnp dtr 4k7+47k 50V 100mA |
| 121 | PZM12NB1 | Phi | C | SOT346 | 12V 0.3W zener |
| 121 | DTC113ZUA | Roh | N | SC70 | npn dtr 1k+10k 50V 100mA |
| 122 | PZM12NB2 | Phi | C | SOT346 | 12V 0.3W zener |
| 123 | PZM12NB3 | Phi | C | SOT346 | 12V 0.3W zener |
| 123 | DTC143ZUA | Roh | N | SC70 | npn dtr 4k7+47k 50V 100mA |
| 131 | PZM13NB1 | Phi | C | SOT346 | 13V 0.3W zener |
| 132 | PZM13NB2 | Phi | C | SOT346 | 13V 0.3W zener |
| 132 | DTA123JUA | Roh | N | SC70 | pnnp dtr 2k2+47k 50V 100mA |
| 133 | PZM13NB3 | Phi | C | SOT346 | 13V 0.3W zener |
| 142 | DTA123JUA | Roh | N | SC70 | npn dtr 2k2+47k 50V 100mA |
| 151 | PZM15NB1 | Phi | C | SOT346 | 15V 0.3W zener |
| 152 | PZM15NB2 | Phi | C | SOT346 | 15V 0.3W zener |
| 153 | PZM15NB3 | Phi | C | SOT346 | 15V 0.3W zener |

| | | | | | |
|-----|-----------|-----|---|--------|---------------------------|
| 156 | DTA144VUA | Roh | N | SC70 | pnp dtr 47k+10k 50V 100mA |
| 161 | PZM16NB1 | Phi | C | SOT346 | 16V 0.3W zener |
| 162 | PZM16NB2 | Phi | C | SOT346 | 16V 0.3W zener |
| 163 | PZM16NB3 | Phi | C | SOT346 | 16V 0.3W zener |
| 166 | DTC144VUA | Roh | N | SC70 | npn dtr 47k+10k 50V 100mA |
| 179 | FMMT5179 | Zet | N | - | 2N5179 |
| 181 | PZM18NB1 | Phi | C | SOT346 | 18V 0.3W zener |
| 182 | PZM18NB2 | Phi | C | SOT346 | 18V 0.3W zener |
| 183 | PZM18NB3 | Phi | C | SOT346 | 18V 0.3W zener |
| 1A | BC846A | Phi | N | SOT23 | BC546A |
| 1A | BC846AT | Phi | N | SOT416 | BC546A |
| 1Ap | BC846A | Phi | N | SOT23 | BC546A |
| 1At | BC846A | Phi | N | SOT23 | BC546A |
| 1At | BC846AW | Phi | N | SOT323 | BC546A |
| 1A- | BC846AW | Phi | N | SOT323 | BC546A |
| 1A | FMMT3904 | Zet | N | SOT23 | 2N3904 |
| 1A | MMBT3904 | Mot | N | SOT23 | 2N3904 |
| 1A | IRLML2402 | IR | F | SOT23 | n-ch mosfet 20V 0.9A |
| p1A | PMMT3904 | Phi | N | SOT23 | 2N3904 |
| p1A | PXT3904 | Phi | N | SOT89 | 2N3904 |
| t1A | PMMT3904 | Phi | N | SOT23 | 2N3904 |
| t1A | PMST3904 | Phi | N | SOT323 | 2N3904 |
| -1A | PMST3904 | Phi | N | SOT323 | 2N3904 |
| 1AM | MMBT3904L | Mot | N | SOT23 | 2N3904 |
| 1B | BC846B | Phi | N | SOT23 | BC546B |
| 1B | BC846BT | Phi | N | SOT416 | BC546B |
| 1Bp | BC846B | Phi | N | SOT23 | BC546B |
| 1Bt | BC846B | Phi | N | SOT23 | BC546B |
| 1Bt | BC846BW | Phi | N | SOT323 | BC546B |
| 1B- | BC846BW | Phi | N | SOT323 | BC546B |
| 1B | FMMT2222 | Zet | N | SOT23 | 2N2222 |
| 1B | MMBT2222 | Mot | N | SOT23 | 2N2222 |
| 1B | IRLML2803 | IR | F | SOT23 | n-ch mosfet 30V 0.9A |
| p1B | PMBT2222 | Phi | N | SOT23 | 2N2222 |
| t1B | PMBT2222 | Phi | N | SOT23 | 2N2222 |
| t1B | PMST2222 | Phi | N | SOT233 | 2N2222 |
| -1B | PMST2222 | Phi | N | SOT323 | 2N2222 |
| 1Bs | BC817UPN | Sie | N | SC74 | - |
| 1Cp | BAP50-05 | Phi | B | SOT23 | dual cc GP RF pin diode |
| 1C | FMMT-A20 | Zet | N | SOT23 | MPSA20 |
| 1C | MMBTA20L | Mot | N | SOT23 | MPS3904 |
| 1C | IRLML6302 | IR | F | SOT23 | p-ch mosfet 20V 0.6A |
| 1Cs | BC847S | Sie | - | SOT363 | BC457 |
| 1Dp | BC846 | Phi | N | SOT23 | BC456 |
| 1Dt | BC846 | Phi | N | SOT23 | BC456 |
| 1Dt | BC846W | Phi | N | SOT323 | BC456 |
| 1D- | BC846W | Phi | N | SOT323 | BC456 |
| 1D | MMBTA42 | Mot | N | SOT23 | MPSA42 300V npn |
| 1D | IRLML5103 | IR | F | SOT23 | p-ch mosfet 30V 0.6A |
| p1D | PMBTA42 | Phi | N | SOT23 | MPSA42 300V npn |
| p1D | PXTA42 | Phi | N | SOT89 | MPSA42 300V npn |
| t1D | PMBTA42 | Phi | N | SOT23 | MPSA42 300V npn |
| t1D | PMSTA42 | Phi | N | SOT323 | MPSA42 300V npn |
| 1Ds | BC846U | Sie | N | SC74 | BC456 |
| 1Ds | BC846U | Sie | - | SOT363 | BC456 |
| 1DN | 2SC4083 | Roh | N | - | npn 11V 3.2GHz TV tuners |
| 1DR | MSD1328R | Mot | N | SOT346 | npn gp 25V 500mA |
| 1E | BC847A | Phi | N | SOT23 | BC547A |
| 1E | BC847AT | Phi | N | SOT416 | BC547A |
| 1Ep | BC847A | Phi | N | SOT23 | BC547A |
| 1Et | BC847A | Phi | N | SOT23 | BC547A |
| 1Et | BC847A | Phi | N | SOT323 | BC547A |
| 1E- | BC847A | Phi | N | SOT323 | BC547A |
| 1ER | BC847AR | Phi | R | SOT23R | BC547A |
| 1E | FMMT-A43 | Zet | N | - | MPSA43 |

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|------------|-----------|-----|----|--------|----------------------------|
| 1E | MMBTA43 | Mot | N | SOT23 | MPSA43 200V npn |
| t1E | PMBTA43 | Mot | N | SOT23 | MPSA43 200V npn |
| t1E | PMSTA43 | Mot | N | SOT323 | MPSA43 200V npn |
| 1Es | BC847A | Sie | N | SOT23 | BC457 |
| 1Es | BC847AW | Sie | N | SOT323 | BC457 |
| 1EN | 2SC4084 | Roh | N | - | nnp 20V 2.0GHz TV tuners |
| 1F | BC847B | Phi | N | SOT23 | BC547B |
| 1F | BC847BT | Phi | N | SOT416 | BC547B |
| 1Fs | BC847B | Sie | N | SOT23 | BC547B |
| 1Fs | BC847BT | Sie | N | SC75 | BC547B |
| 1Fs | BC847BW | Sie | N | SOT323 | BC547B |
| 1Fp | BC847B | Phi | N | SOT23 | BC547B |
| 1Ft | BC847B | Phi | N | SOT23 | BC547B |
| 1Ft | BC847BW | Phi | N | SOT323 | BC547B |
| 1F- | BC847BW | Phi | N | SOT323 | BC547B |
| 1FR | BC847BR | Phi | R | SOT23R | BC547B |
| 1F | MMBT5550 | Mot | N | SOT23 | 2N5550 140V npn |
| p1F | PMBT5550 | Phi | N | SOT23 | 2N5550 140V npn |
| t1F | PMBT5550 | Phi | N | SOT23 | 2N5550 140V npn |
| t1F | PMST5550 | Phi | N | SOT323 | 2N5550 140V npn |
| 1FZ | FMBT5550 | Zet | N | SOT23 | 2N5550 140V npn |
| 1G | BC847C | Phi | N | SOT23 | BC547C |
| 1G | BC847CT | Phi | N | SOT416 | BC547C |
| 1Gp | BC847C | Phi | N | SOT23 | BC547C |
| 1Gt | BC847CW | Phi | N | SOT323 | BC547C |
| 1G- | BC847CW | Phi | N | SOT323 | BC547C |
| 1Gs | BC847C | Sie | N | SOT23 | BC547C |
| 1Gs | BC847CW | Sie | N | SOT323 | BC547C |
| 1GR | BC847CR | Phi | R | SOT23R | BC547C |
| 1GT | SOA06 | SGS | N | SOT23 | MPSA06 |
| 1G | FMMT-A06 | Zet | N | SOT23 | MPSA06 |
| 1G | MMBTA06 | Mot | N | SOT23 | MPSA06 |
| p1G | PMMTA06 | Phi | N | SOT23 | MPSA06 |
| t1G | PMMTA06 | Phi | N | SOT23 | MPSA06 |
| t1G | PMMTA06 | Phi | N | SOT323 | MPSA06 |
| 1GM | MMBTA06 | Mot | N | SOT23 | MPSA06 |
| 1Hp | BC847 | Phi | N | SOT23 | BC547 |
| 1Ht | BC847 | Phi | N | SOT23 | BC547 |
| 1Ht | BC847W | Phi | N | SOT323 | BC547 |
| 1H- | BC847W | Phi | N | SOT323 | BC547 |
| 1H | FMMT-A05 | Zet | N | - | MPSA05 |
| 1H | MMBTA05 | Mot | N | SOT23 | MPSA05 |
| t1H | MMBTA05 | Phi | N | SOT323 | MPSA05 |
| 1HT | SOA05 | SGS | N | SOT23 | MPSA05 |
| 1J | BC848A | Phi | N | SOT23 | BC548A |
| 1Js | BC848A | Sie | N | SOT23 | BC548A |
| 1Js | BC848AW | Sie | N | SOT323 | BC548A |
| 1J | FMMT2369 | Zet | N | SOT23 | 2N2369 |
| 1J | MMBT2369 | Mot | N | SOT23 | MPS2369 |
| 1Js | BCV61A | Sie | VQ | SOT143 | nnp current mirror hFe 180 |
| 1Jp | BCV61A | Phi | VQ | SOT143 | nnp current mirror hFe 180 |
| p1J | PMBT2369 | Phi | N | SOT23 | 2N2369 |
| t1J | PMBT2369 | Phi | N | SOT23 | 2N2369 |
| t1J | PMBT2369 | Phi | N | SOT323 | 2N2369 |
| 1JA | MMBT2369A | Mot | N | SOT23 | MPS2369A |
| 1JR | BC848AR | Phi | R | SOT23R | BC548A |
| 1JZ | BC848A | Zet | N | SOT23 | BC548A |
| 1K | BC848B | ITT | N | SOT23 | BC548B |
| 1Kp | BC848B | Phi | N | SOT23 | BC548B |
| 1Ks | BC848B | Sie | N | SOT23 | BC548B |
| 1Ks | BC848BW | Sie | N | SOT323 | BC548B |
| 1K | MMBT6428 | Mot | N | SOT23 | MPSA18 50V |
| p1K | PMBT6428 | Phi | N | SOT23 | MPSA18 50V |
| t1K | PMBT6428 | Phi | N | SOT23 | MPSA18 50V |
| t1K | PMBT6428 | Phi | N | SOT323 | MPSA18 50V |

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|-------------|------------|-----|----|---------|-----------------------------|
| 1K | FMMT4400 | Zet | N | SOT23 | 2N4400 |
| 1Ks | BCV61B | Sie | VQ | SOT143B | npn current mirror hFe 290 |
| 1Kp | BCV61B | Phi | VQ | SOT143B | npn current mirror hFe 290 |
| 1KR | BC848BR | Phi | R | SOT23R | BC548B |
| 1KM | MMBT6428L | Mot | N | SOT23 | MPSA18 50V |
| 1KZ | FMMT4400 | Zet | N | SOT23 | 2N4400 |
| 1L | BC848C | ITT | N | SOT23 | BC548C |
| 1Lp | BC848C | Phi | N | SOT23 | BC548C |
| 1Ls | BC848C | Sie | N | SOT23 | BC548C |
| 1Ls | BC848CW | Sie | N | SOT323 | BC548C |
| 1L | MMBT6429 | Mot | N | - | MPSA18 45V |
| 1L | FMMT4401 | Zet | N | - | 2N4401 |
| 1L | BCV61C | Sie | VQ | SOT143B | npn current mirror hFe 520 |
| 1Lp | BCV61C | Phi | VQ | SOT143B | npn current mirror hFe 520 |
| p1L | PMBT6429 | Phi | N | SOT23 | MPSA18 45V |
| t1L | PMBT6429 | Phi | N | SOT23 | MPSA18 45V |
| t1L | PMBT6429 | Phi | N | SOT323 | MPSA18 45V |
| 1LR | BC848CR | Phi | R | SOT23R | BC548C |
| 1Mp | BC848 | Phi | N | SOT23 | BC548 |
| 1M | MMBTA13 | Mot | N | SOT23 | MPSA13 darlington |
| 1Mp | BCV61 | Phi | VQ | SOT143B | npn current mirror |
| 1M | FMMT-A13 | Zet | N | SOT23 | MPSA13 |
| p1M | PXTA13 | Phi | N | SOT89 | MPSA13 darlington |
| p1M | PMBTA13 | Phi | N | SOT23 | MPSA13 darlington |
| t1M | PMBTA13 | Phi | N | SOT23 | MPSA13 darlington |
| 1N | FMMT-A14 | Zet | N | SOT23 | MPSA14 |
| 1N | MMBTA14 | Mot | N | SOT23 | MPSA14 darlington |
| 1N5 | ZTX11N15DF | Zet | N | SOT23 | npn 15V 3A low saturation V |
| p1N | PMBTA14 | Mot | N | SOT23 | MPSA14 darlington |
| p1N | PXTA14 | Mot | N | SOT89 | MPSA14 darlington |
| t1N | PMBTA14 | Mot | N | SOT23 | MPSA14 darlington |
| 1P | FMMT2222A | Zet | N | - | 2N2222A |
| 1P | MMBT2222A | Mot | N | SOT23 | 2N2222A |
| 1P | BC847PN | Sie | DI | - | pnp/npn separate pair gp AF |
| p1P | PMBT2222A | Phi | N | SOT23 | 2N2222A |
| p1P | PXT2222A | Phi | N | SOT89 | 2N2222A |
| t1P | PMBT2222A | Phi | N | SOT23 | 2N2222A |
| t1P | PMST2222A | Phi | N | SOT323 | 2N2222A |
| 1Q | MMBT5088 | Mot | N | SOT23 | MPSA18 Vce 30V |
| p1Q | PMBT5088 | Phi | N | SOT23 | MPSA18 Vce 30V |
| t1Q | PMBT5088 | Phi | N | SOT23 | MPSA18 Vce 30V |
| t1Q | PMST5088 | Phi | N | SOT323 | MPSA18 Vce 30V |
| 1R | MMBT5089 | Mot | N | SOT23 | MPSA18 Vce 25V |
| t1R | PMST5089 | Phi | N | SOT323 | MPSA18 Vce 25V |
| 1S | MMBT2369A | Nat | N | SOT23 | 2N2369A 500MHz sw npn |
| 1S | MSC3130 | Mot | H | SOT346 | npn RF ft 1.4GHz 10V |
| 1T | MMBT3960A | Mot | N | - | 2N3960A |
| 1U | MMBT2484L | Mot | N | SOT23 | MPSA18 |
| 1V | MMBT6427 | Mot | H | SOT23 | 2N6426/7 darlington npn |
| 1Vp | BF820 | Phi | N | SOT23 | npn 300V 50mA BF420 |
| 1Vt | BF820 | Phi | N | SOT23 | npn 300V 50mA BF420 |
| 1Vt | BF820W | Phi | N | SOT323 | npn 300V 50mA BF420 |
| 1V- | BF820W | Phi | N | SOT323 | npn 300V 50mA BF420 |
| 1W | FMMT3903 | Zet | N | SOT23 | 2N3903 |
| 1Wp | BF821 | Phi | N | SOT23 | pnp 300V 50mA BF421 |
| 1Wt | BF821 | Phi | N | SOT23 | pnp 300V 50mA BF421 |
| 1W t | BF822W | Phi | N | SOT323 | pnp 300V 50mA BF421 |
| 1W - | BF822W | Phi | N | SOT323 | pnp 300V 50mA BF421 |
| 1X | MMBT930L | Mot | N | SOT23 | MPS3904 |
| 1Xp | BF822 | Phi | N | SOT23 | npn 250V 50mA BF422 |
| 1Xt | BF822 | Phi | N | SOT23 | npn 250V 50mA BF422 |
| 1Y | MMBT3903 | Mot | N | SOT23 | 2N3903 |
| 1Yp | BF823 | Phi | N | SOT23 | pnp 250V 50mA BF423 |
| 1Yt | BF823 | Phi | N | SOT23 | pnp 250V 50mA BF423 |

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|-----------|----------|-----|---|-------|---------------------------|
| 1Z | BAS70-06 | Zet | A | SOT23 | dual RF CA schottky diode |
| 1Z | MMBT6517 | Mot | N | SOT23 | 2N6517 npn Vce 350V |

Codes beginning with '2'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|-----------|--------------|------|---------|-----------------------------|
| 2 | BAT62-02W | Sie | I | SCD80 | BAT16 schottky diode |
| 2 (blue) | BAR64-03W | Sie | I | SOD323 | pin diode |
| 2 | 2SC3604 | Nec | CX | - | npn RF fT8GHz 12dB@2GHz |
| 2 (white) | BB439 | Sie | I | SOD323 | 29-5 pF varicap |
| 20 | MRF5811 | Mot | X | SOT143 | npn Rf fT 5GHz 0.2A |
| -20 | PDTC114WU | Phi | N | SOT323 | npn dtr |
| 20F | TSDF1220 | Tfk | X | SOT143 | fT 12GHz npn 6V 20mA |
| 20V | PZM20NB | Phi | C | SOT346 | 20V 300mW zener |
| 20Y | BZV49-C20 | Phi | O | SOT89 | 20V 1W zener |
| 21 | Gali-21 | MC | AZ | SOT89 | DC-8GHz MMIC amp 14 dB gain |
| 22 | MMBT4209 | Nat | N | SOT23 | npn sw 850MHz 2N4209 |
| 22 | DTC123EUA | Rho | N | SC70 | npn dtr 2k2+2k2 50V 100ma |
| 22 | DTC123EKA | Rho | N | SC59 | npn dtr 2k2+2k2 50V 100ma |
| 22V | PZM22NB | Phi | C | SOT346 | 22V 300mW zener |
| 22Y | BZV49-C22 | Phi | O | SOT89 | 22V 1W zener |
| 23 | MMBT3646 | Nat | N | SOT23 | npn sw 350MHz 2N3646 |
| 23 | DTC143EUA | Roh | N | SC70 | npn dtr 50V 100mA 4k7+ 4k7 |
| 23 | DTC143EKA | Roh | N | SC59 | npn dtr 50V 100mA 4k7+ 4k7 |
| -23 | PDTA114TU | Phi | N | SOT323 | npn dtr R1 10k |
| t23 | PDTA114TU | Phi | N | SOT323 | npn dtr R1 10k |
| 24 | MMBD2101 | Nat | C | SOT23 | Si diode 100V 200mA |
| 24 | DTC114ECA | Roh | N | SOT23 | npn dtr 50V 100mA 10k + 10k |
| 24 | DTC114EUA | Roh | N | SC70 | npn dtr 50V 100mA 10k + 10k |
| 24 | DTC114EKA | Roh | N | SC59 | npn dtr 50V 100mA 10k + 10k |
| 24 | 2SC5006 | Nec | N | - | npn RF fT 4.5GHz @3V 7mA |
| -24 | PDTC114TU | Phi | N | SOT323 | npn dtr R1 10k |
| t24 | PDTC114TU | Phi | N | SOT323 | npn dtr R1 10k |
| 24V | PZM24NB | Phi | C | SOT346 | 24V 300mW Zener |
| 24Y | BZV49-C24 | Phi | O | SOT89 | 24V 1W zener |
| 25 | MMBD2102 | Nat | K | SOT23 | Si diode 100V 200mA |
| 25 | DTC124ECA | Roh | N | SOT23 | npn dtr 50V 100mA 22k + 22k |
| 25 | DTC124EKA | Roh | N | SC59 | npn dtr 50V 100mA 22k + 22k |
| 25 | DTC124EUA | Roh | N | SC70 | npn dtr 50V 100mA 22k + 22k |
| 26 | MMBD2103 | Nat | D | SOT23 | dual MMBD1201 |
| 26 | DTC144EKA | Roh | N | SC59 | npn dtr 50V 30mA 47k + 47k |
| 26 | DTC144EUA | Roh | N | SC70 | npn dtr 50V 30mA 47k + 47k |
| 27 | MMBD2104 | Nat | B | SOT23 | dual cc MMBD1201 |
| 27V | PZM27NB | Phi | C | SOT346 | 27V 300mW Zener |
| 27Y | BZV49-C27 | Phi | O | SOT89 | 27V 1W zener |
| 28 | BFP280T | Tfk | W | - | npn RF fT 7GHz 8V 10mA |
| 28 | MMBD2105 | Nat | A | SOT23 | dual ca MMBD1201 |
| -28 | PDTA114WU | Phi | N | SOT323 | npn dtr |
| 29 | MMBD1401 | Nat | C | SOT23 | Si diode 200V 100mA |
| 29 | DTC115EE | Roh | N | EMT3 | npn dtr 100k +100k 50V 20mA |
| 29 | DTC115EUA | Roh | N | SC70 | npn dtr 100k +100k 50V 20mA |
| 29 | DTC115EKA | Roh | N | SC59 | npn dtr 100k +100k 50V 20mA |
| 200 | SSTPAD200 | Sil | J | - | PAD-200 200pA leakage diode |
| 201 | PZM20NB1 | Phi | C | SOT346 | 20V 300mW Zener |
| 202 | PZM20NB2 | Phi | C | SOT346 | 20V 300mW Zener |
| 203 | PZM20NB3 | Phi | C | SOT346 | 20V 300mW Zener |
| 221 | PZM22NB1 | Phi | C | SOT346 | 22V 300mW Zener |
| 222 | PZM22NB2 | Phi | C | SOT346 | 22V 300mW Zener |
| 223 | PZM22NB3 | Phi | C | SOT346 | 22V 300mW Zener |
| 241 | PZM24NB | Phi | C | SOT346 | 24V 300mW Zener |
| 242 | PZM24NB | Phi | C | SOT346 | 24V 300mW Zener |
| 243 | PZM20NB | Phi | C | SOT346 | 24V 300mW Zener |
| 271 | PZM2.7NB1 | Phi | C | SOT346 | 2.7V 300mW Zener |
| 272 | PZM2.7NB2 | Phi | C | SOT346 | 2.7V 300mW Zener |

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|-----|------------|-----|---|--------|---------------------|
| 2A | MMBT3906L | Mot | N | SOT23 | 2N3906 |
| 2A | MMBT3906W | Mot | N | SOT323 | 2N3906 |
| 2A | FMMT3906 | Zet | N | SOT23 | 2N3906 |
| t2A | PMBT3906 | Phi | N | SOT23 | 2N3906 |
| t2A | PMST3906 | Phi | N | SOT323 | 2N3906 |
| p2A | PMBT3906 | Phi | N | SOT23 | 2N3906 |
| p2A | PXT3906 | Phi | O | SOT89 | 2N3906 |
| 2A4 | PZM2.4NB2A | Phi | A | SOT346 | dual 2.4V cc Zener |
| 2A7 | PZM2.7NB2A | Phi | A | SOT346 | dual 2.7V cc Zener |
| 2B | BC849B | ITT | N | SOT23 | BC549B |
| 2Bs | BC849B | Sie | N | SOT23 | BC549B |
| 2Bs | BC849BW | Sie | N | SOT323 | BC549B |
| 2Bp | BC849B | Phi | N | SOT23 | BC549B |
| 2Bt | BC849BW | Phi | N | SOT323 | BC549B |
| 2B- | BC849BW | Phi | N | SOT323 | BC549B |
| 2B | FMMT2907 | Zet | N | SOT23 | 2N2907 |
| 2B | MMBT2907 | Mot | N | SOT23 | MPS2907 |
| p2B | PMBT2907 | Phi | N | SOT23 | 2N2907 |
| t2B | PMBT2907 | Phi | N | SOT23 | 2N2907 |
| 2BR | BC849BR | Phi | R | SOT23R | BC549B |
| 2BZ | FMMT2907 | Zet | N | SOT23 | 2N2907 |
| 2C | BC849C | ITT | N | SOT23 | BC549C |
| 2Cs | BC849C | Sie | N | SOT23 | BC549C |
| 2Cs | BC849CW | Sie | N | SOT323 | BC549C |
| 2Cp | BC849C | Phi | N | SOT23 | BC549C |
| 2Ct | BC849C | Phi | N | SOT23 | BC549C |
| 2Ct | BC849CW | Phi | N | SOT323 | BC549C |
| 2C- | BC849CW | Phi | N | SOT323 | BC549C |
| 2C | MMBTA70 | Mot | N | SOT23 | MPSA70 |
| 2CR | BC849CR | Phi | R | SOT23R | BC549C |
| 2CZ | FMMTA70 | Zet | N | SOT23 | MPSA70 |
| 2D | MMBTA92 | Mot | N | SOT23 | MPSA92 pnp Vce 300V |
| p2D | PMBTA92 | Phi | N | SOT23 | MPSA92 pnp Vce 300V |
| p2D | PXTA92 | Phi | O | SOT89 | MPSA92 pnp Vce 300V |
| t2D | PMBTA92 | Phi | N | SOT23 | MPSA92 pnp Vce 300V |
| t2D | PMSTA92 | Phi | N | SOT323 | MPSA92 pnp Vce 300V |
| 2E | MMBTA93 | Mot | N | SOT23 | MPSA93 pnp Vce 200V |
| 2E | FMMT-A93 | Zet | N | SOT23 | MPSA93 |
| t2E | PMBTA93 | Phi | N | SOT23 | MPSA93 pnp Vce 200V |
| t2E | PMSTA93 | Phi | N | SOT323 | MPSA93 pnp Vce 200V |
| 2F | BC850B | ITT | N | SOT23 | BC550B |
| 2Fs | BC850B | Sie | N | SOT23 | BC550B |
| 2Fs | BC850BW | Sie | N | SOT323 | BC550B |
| 2Fp | BC850B | Phi | N | SOT23 | BC550B |
| 2Ft | BC850B | Phi | N | SOT23 | BC550B |
| 2Ft | BC850BW | Phi | N | SOT323 | BC550B |
| 2F- | BC850BW | Phi | N | SOT323 | BC550B |
| 2F | FMMT2907A | Zet | N | SOT23 | 2N2907A |
| 2F | MMBT2907A | Mot | N | SOT23 | MPS2907A |
| 2F | MMBT2907AW | Mot | N | SOT323 | MPS2907A |
| p2F | PMBT2907A | Phi | N | SOT23 | 2N2907A |
| p2F | PXT2907A | Phi | O | SOT89 | 2N2907A |
| t2F | PMBT2907A | Phi | N | SOT23 | 2N2907A |
| t2F | PMBT2907A | Phi | N | SOT323 | 2N2907A |
| 2FR | BC850BR | Phi | R | SOT23R | BC550B |
| 2G | BC850C | ITT | N | SOT23 | BC550C |
| 2Gs | BC850C | Sie | N | SOT23 | BC550C |
| 2Gp | BC850C | Phi | N | SOT23 | BC550C |
| 2Gt | BC850C | Phi | N | SOT323 | BC550C |
| 2Gt | BC850CW | Phi | N | SOT323 | BC550C |
| 2G- | BC850CW | Phi | N | SOT323 | BC550C |
| 2G | FMMT-A56 | Zet | N | SOT23 | MPSA56 |
| 2G | MMBTA56 | Mot | N | SOT23 | MPSA56 |
| p2G | PMBTA56 | Phi | N | SOT23 | MPSA56 |
| t2G | PMBTA56 | Phi | N | SOT23 | MPSA56 |

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|------------|------------|-----|---|--------|----------------------------------|
| t2G | PMSTA56 | Phi | N | SOT323 | MPSA56 |
| 2GM | MMBTA56 | Mot | N | SOT23 | MPSA56 |
| 2GR | BC850CR | Phi | R | SOT23R | BC550C |
| 2GT | SOA56 | SGS | N | SOT23 | MPSA56 |
| 2H | FMMT-A55 | Zet | N | SOT23 | MPSA55 |
| 2HT | SOA55 | SGS | N | SOT23 | MPSA55 |
| 2H | MMBTA55 | Mot | N | SOT23 | MPSA55 |
| t2H | PMBTA55 | Phi | N | SOT23 | MPSA55 |
| t2H | PMSTA55 | Phi | N | SOT323 | MPSA55 |
| 2J | MMBT3640 | Mot | N | SOT23 | MPS3640 pnp sw |
| 2K | FMMT4402 | Zet | N | SOT23 | 2N4402 |
| 2K | MMBT8598 | Mot | N | - | 2N4125 pnp 60V |
| 2L | MMBT5401 | Mot | N | SOT23 | 2N5401 pnp 150V |
| 2L | FMMT4403 | Zet | N | SOT23 | 2N4403 |
| p2L | PMBT5401 | Phi | N | SOT23 | 2N5401 pnp 150V |
| t2L | PMBT5401 | Phi | N | SOT23 | 2N5401 pnp 150V |
| t2L | PMST5401 | Phi | N | SOT323 | 2N5401 pnp 150V |
| 2M | FMMT5087 | Zet | N | SOT23 | 2N5087 |
| 2M | MMBT404 | Mot | N | SOT23 | pnp-chopper 24V 150mA |
| 2N | MMBT404A | Mot | N | SOT23 | pnp-chopper 35V 150mA |
| 2N0 | ZXT11N20DF | Zet | N | SOT23 | npn 20V 2.5A low sat switch |
| 2P | FMMT2222R | Zet | R | SOT23R | 2N2222 |
| 2P | MMBT5086 | Mot | N | SOT23 | 2N5086 |
| 2Q | MMBT5087 | Mot | N | SOT23 | 2N5087 |
| 2R | HSMS-8102 | HP | Z | SOT23 | 10-14GHz schottky mixer pair |
| 2T | SO4403 | SGS | N | SOT23 | 2N4403 |
| 2T | MMBT4403 | Mot | N | SOT23 | 2N4403 |
| p2T | PMBT4403 | Phi | N | SOT23 | 2N4403 |
| p2T | PXT4403 | Phi | O | SOT89 | 2N4403 |
| t2T | PMBT4403 | Phi | N | SOT23 | 2N4403 |
| t2T | PMST4403 | Phi | N | SOT323 | 2N4403 |
| 2T | HT2 | Zet | N | SOT23 | pnp 80V 100mA |
| 2U | MMBTA63 | Mot | N | SOT23 | MPSA63 darlington |
| t2U | PMBTA63 | Phi | N | SOT23 | MPSA63 darlington |
| 2V | MMBTA64 | Mot | N | SOT23 | MPSA64 darlington |
| p2V | PXTA64 | Phi | O | SOT89 | MPSA64 darlington |
| t2V | PMBTA64 | Phi | H | SOT23 | MPSA64 darlington |
| 2V4 | PZM2.4NB | Phi | C | SOT346 | 2.4V 300mW Zener |
| 2V7 | PZM2.7NB | Phi | C | SOT346 | 2.7V 300mW Zener |
| 2W | FMMT3905 | Zet | N | SOT23 | 2N3905 |
| 2W | MMBT8599 | Mot | N | - | 2N4125 Vce 80V pnp |
| 2X | SO4401 | SGS | N | SOT23 | 2N4401 |
| 2X | MMBT4401 | Mot | N | SOT23 | 2N4401 |
| p2X | PMBT4401 | Phi | N | SOT23 | 2N4401 |
| p2X | PxT4401 | Phi | O | SOT89 | 2N4401 |
| t2X | PMBT4401 | Phi | N | SOT23 | 2N4401 |
| t2X | PMST4401 | Phi | N | SOT323 | 2N4401 |
| 2Y4 | BZV49-C2V4 | Phi | O | SOT89 | 2.4V 1W zener |
| 2Y7 | BZV49-C2V7 | Phi | O | SOT89 | 2.7V 1W zener |
| 2Z | MMBT6520 | Mot | N | SOT23 | 2N6520 pnp Vce 350V |
| 2Z | BAS70-04 | Zet | D | SOT23 | dual series RF schottky 70V 15mA |
| 2Z5 | BAS70-05 | Zet | B | SOT23 | dual cc RF Schottky 70V 15mA |

Codes beginning with '3'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|------------|--------------|------|---------|------------------------------|
| 3 | BAT60A | Sie | I | SOD323 | 10V 3A sw schottky |
| 3 | BAT62-02W | Sie | I | SCD80 | - |
| 30 | MUN5330DW1 | Mot | DP | SOT363 | npn/pnp dtr 1k0+1k0 |
| 30V | PZM30NB1 | Phi | C | SOT346 | 30V 300mW zener |
| 30Y | BZV49-C30 | Phi | O | SOT89 | 30V 1W zener |
| 301 | FDV301N | Fch | M | SOT23 | n-ch 'digital' fet 25V 0.22A |
| 302 | FDV302P | Fch | M | SOT23 | p-ch 'digital' fet 25V 0.13A |
| 303 | FDV303N | Fch | M | SOT23 | n-ch 'digital' fet 25V 0.68A |

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|------------|------------|-----|----|--------|-----------------------------------|
| 304 | FDV304P | Fch | M | SOT23 | p-ch 'digital' fet 25V 0.46A |
| 31 | MUN5331DW1 | Mot | DP | SOT363 | npn/pnp dtr 2k2+2k2 |
| 31 | MMBD1402 | Nat | K | SOT23 | Si diode 200V 100mA |
| p31 | PDTA143XT | Phi | N | SOT23 | pnp dtr 4k7+10k |
| t31 | PDTA143XT | Phi | N | SOT23 | pnp dtr4k7+10k |
| 32 | MUN5332DW1 | Mot | DP | SOT363 | npn/pnp dtr 4k7+4k7 |
| 32 | MMBD1403 | Nat | D | SOT23 | dual Si diode 200V 100mA |
| 32 | BAT32 | Sie | CS | - | 18GHz zero-bias schottky |
| p32 | PDTC143XT | Phi | N | SOT23 | pnp dtr 4k7+10k |
| t32 | PDTC143XT | Phi | N | SOT23 | pnp dtr 4k7+10ks |
| 33 | MUN5333DW1 | Mot | DP | SOT363 | npn/pnp dtr 4k7+47k |
| 33 | DTA143XE | Roh | N | EMT3 | pnp dtr 4k7+10k 50V 100mA |
| 33 | DTA143XUA | Roh | N | SC70 | pnp sw 4k7+10k bias res 50V 100mA |
| 33 | DTA143XKA | Roh | N | SC59 | pnp sw 4k7+10k bias res 50V 100mA |
| 33 | MMBD1404 | Nat | B | SOT23 | dual cc Si diode 200V 100mA |
| 33 | Gali-33 | MC | AZ | SOT89 | DC-4GHz MMIC amp 19dB gain |
| 33V | PZM33NB1 | Phi | C | SOT346 | 33 300mW zener |
| 33Y | BZV49-C33 | Phi | O | SOT89 | 33V 1W zener |
| 34 | MUN5334DW1 | Mot | DP | SOT363 | npn/pnp dtr 22k+47k |
| 34 | MMBD1405 | Nat | A | SOT23 | dual ca Si diode 200V 100mA |
| 331 | NDS331N | Fch | M | SOT23 | n-ch mosfet 1.3A 20V |
| 331 | PZM3.3NB1 | Phi | C | SOT346 | 3.3V 300mW zener |
| 332 | PZM3.3NB2 | Phi | C | SOT346 | 3.3V 300mW zener |
| 332 | NDS332N | Fch | M | SOT23 | p-ch mosfet 0.4A, 1A pk, 20V |
| 335 | NDS335N | Fch | M | SOT23 | n-ch mosfet 70 mA, 1.7A pk, 20V |
| 336 | NDS336N | Fch | M | SOT23 | p-ch mosfet 0.27A, 1.2A pk, 20V |
| 337 | NDS337N | Fch | M | SOT23 | n-ch mosfet 50 mA, 2.5A pk 20V |
| 338 | NDS338N | Fch | M | SOT23 | p-ch mosfet 0.13A, 1.6Apk 20V |
| 34 | 2SC5007 | Nec | N | - | npn RF ft 7GHz @3V 7mA |
| 340 | FDV340P | Fch | M | SOT23 | p-ch mosfet 20V 70 mA |
| 35 | MUN5335DW1 | Mot | DP | SOT363 | npn/pnp dtr 2k2+47k |
| 35 | DTA124XE | Roh | N | EMT3 | pnp dtr 22k+47k 50V 50mA |
| 35 | DTA124XUA | Roh | N | SC70 | pnp dtr 22k+47k 50V 50mA |
| 35 | DTA124XKA | Roh | N | SC59 | pnp dtr 22k+47k 50V 50mA |
| 351 | NDS351N | Fch | M | SOT23 | n-ch mosfet 1.1A 30V |
| 352 | NDS352N | Fch | M | SOT23 | p-ch mosfet 0.5A 20V |
| 355 | NDS355N | Fch | M | SOT23 | n-ch mosfet 0.1A, 1.6A pk 30V |
| 356 | NDS356N | Fch | M | SOT23 | p-ch mosfet 0.3A, 1.1A pk 20V |
| 357 | NDS357N | Fch | M | SOT23 | n-ch mosfet 2.5Apk 30V |
| 358 | NDS358N | Fch | M | SOT23 | p-ch mosfet 0.2A, 1.6A pk 30V |
| 358 | FDN358N | Fch | M | SOT23 | p-ch mosfet 0.2A 1.6A pk 30V |
| 360 | FDN360P | Fch | M | SOT23 | p-ch mosfet 80mA, 2a PK, 30V |
| 361 | PZM3.6NB1 | Phi | C | SOT346 | 3.6V 300mW Zener |
| 362 | PZM3.3NB2 | Phi | C | SOT346 | 3.6V 300mW Zener |
| 36V | PZM36NB1 | Phi | C | SOT346 | 36V 300mW Zener |
| 36Y | BZV49-C36 | Phi | O | SOT89 | 36V 1W zener |
| 391 | PZM3.9NB1 | Phi | C | SOT346 | 3.9V 300mW Zener |
| 392 | PZM3.9NB2 | Phi | C | SOT346 | 3.9V 300mW Zener |
| 39V | PZM39NB1 | Phi | C | SOT346 | 39V 300mW Zener |
| 39Y | BZV49-C39 | Phi | O | SOT89 | 39V 1W zener |
| 3A | BC856A | ITT | N | SOT23 | BC556A |
| 3A | BC856AT | Phi | N | SOT416 | BC556A |
| 3Ap | BC856A | Phi | N | SOT23 | BC556A |
| 3At | BC856A | Phi | N | SOT23 | BC556A |
| 3As | BC856A | Sie | N | SOT23 | BC556A |
| 3At | BC856AW | Phi | N | SOT323 | BC556A |
| 3A- | BC856AW | Phi | N | SOT323 | BC556A |
| 3A | MMBTH24 | Mot | N | SOT23 | VHF mixer npn ft 600MHz |
| 3A0 | PZM3.0NB2A | Phi | C | SOT346 | dual 3.0V Zener |
| 3A3 | PZM3.3NB2A | Phi | C | SOT346 | dual 3.3V Zener |
| 3A6 | PZM3.6NB2A | Phi | C | SOT346 | dual 3.6V Zener |
| 3A9 | PZM3.9NB2A | Phi | C | SOT346 | dual 3.9V Zener |
| 3AR | BC856AR | Phi | R | SOT23R | BC556A |
| 3B | BC856B | ITT | N | SOT23 | BC556B |
| 3B | BC856BT | Phi | N | SOT416 | BC556B |

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|------------|-----------|-----|----|--------|-----------------------------|
| 3Bp | BC856B | Phi | N | SOT23 | BC556B |
| 3Bs | BC856B | Sie | N | SOT23 | BC556B |
| 3Bt | BC856B | Phi | N | SOT23 | BC556B |
| 3Bt | BC856BW | Phi | N | SOT323 | BC556B |
| 3B- | BC856BW | Phi | N | SOT323 | BC556B |
| 3B | FMMT918 | Zet | N | SOT23 | 2N918 |
| 3B | MMBT918 | Mot | N | SOT23 | 2N918 |
| 3BR | BC856BR | Phi | R | SOT23 | BC556B |
| 3C | FMMTA20R | Zet | R | SOT23R | MPSA20 |
| 3C | BC857 | Sie | DO | - | pnnp separate pair gp AF |
| 3D | BC856 | Phi | N | SOT23 | BC556 hfe 75 min |
| 3Dp | BC856 | Phi | N | SOT23 | BC556 hfe 75 min |
| 3Dt | BC856 | Phi | N | SOT23 | BC556 hfe 75 min |
| 3Dt | BC856W | Phi | N | SOT323 | BC556 hfe 75 min |
| 3D- | BC856W | Phi | N | SOT323 | BC556 hfe 75 min |
| 3D | MMBTH81L | Mot | N | SOT23 | UHF pnp fT 600MHz |
| 3D | BC856S | Sie | DO | - | pnnp separate pair gp AF |
| 3E | BC857A | Phi | N | SOT23 | BC557A |
| 3E | BC857AT | Phi | N | SOT416 | BC557A |
| 3Ep | BC857A | Phi | N | SOT23 | BC557A |
| 3Et | BC857A | Phi | N | SOT23 | BC557A |
| 3Et | BC857A | Phi | N | SOT323 | BC557A |
| 3E- | BC857A | Phi | N | SOT323 | BC557A |
| 3E | MMBTH10 | Mot | N | SOT23 | MPSH10 fT 650MHz |
| 3E | FMMT-A42 | Zet | N | SOT23 | MPSA42 |
| 3EM | MMBTH10L | Mot | N | SOT23 | VHF amp 650MHz fT |
| 3ER | BC857AR | Phi | R | SOT23R | BC557A |
| 3EZ | FMMTH10 | Zet | N | SOT23 | npn fT 650MHz |
| 3F | BC857B | Phi | N | SOT23 | BC557B |
| 3F | BC857BT | Phi | N | SOT416 | BC557B |
| 3Fp | BC857B | Phi | N | SOT23 | BC557B |
| 3Fs | BC857B | Sie | N | SOT23 | BC557B |
| 3Ft | BC857B | Phi | N | SOT23 | BC557B |
| 3Ft | BC857BW | Phi | N | SOT323 | BC557B |
| 3Ft | BC857BS | Phi | N | SOT363 | BC557B |
| 3F- | BC857BW | Phi | N | SOT323 | BC557B |
| 3FR | BC857BR | Phi | R | SOT23R | BC557B |
| 3G | BC857C | Phi | N | SOT23 | BC557C |
| 3Gp | BC857C | Phi | N | SOT23 | BC557C |
| 3G | BC857C | Phi | N | SOT23 | BC557C |
| 3Gs | BC857C | Sie | N | SOT23 | BC557C |
| 3Gt | BC857C | Phi | N | SOT23 | BC557C |
| 3Gt | BC857CW | Phi | N | SOT323 | BC557C |
| 3G- | BC857CW | Phi | N | SOT323 | BC557C |
| 3G | MMBTH11 | NS | N | SOT23 | - |
| 3G | MGSF3454X | Mot | DK | TSOP6 | n-ch enh tmosfet 1.75A |
| 3GR | BC857CR | Phi | R | SOT23R | BC557CR |
| 3Hp | BC857C | Phi | N | SOT23 | BC557 |
| 3Ht | BC857C | Phi | N | SOT23 | BC557 |
| 3Ht | BC857CW | Phi | N | SOT323 | BC557 |
| 3H | MMBTH30 | NS | N | SOT23 | - |
| 3H- | BC857CW | Phi | N | SOT323 | BC557 |
| 3J | MMBTH69 | Mot | N | SOT23 | pnnp UHF fT 2GHz |
| 3J | BC858A | Phi | N | SOT23 | BC558A |
| 3Js | BC858A | Sie | N | SOT23 | BC558A |
| 3JR | BC858AR | Phi | R | SOT23R | BC558A |
| 3Js | BCV62A | Sie | VQ | SOT143 | pnnp current mirror hFe 180 |
| 3Jp | BCV62A | Phi | VQ | SOT143 | pnnp current mirror hFe 180 |
| 3K | BC858B | Phi | N | SOT23 | BC558B |
| 3Ks | BCV62B | Sie | VQ | SOT143 | npn current mirror hFe 290 |
| 3Kp | BCV62B | Phi | VQ | SOT143 | npn current mirror hFe 290 |
| 3KR | BC858BR | Phi | R | SOT23R | BC558B |
| 3L | BC858C | Phi | N | SOT23 | BC558C |
| 3LR | BC858CR | Phi | R | SOT23R | BC558C |
| 3Ls | BCV62C | Sie | VQ | SOT143 | pnnp current mirror hFe 520 |

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|------------|------------|-----|----|--------|-----------------------------|
| 3Lp | BCV62C | Phi | VQ | SOT143 | pnnp current mirror hFe 520 |
| 3M | BC858 | Phi | N | SOT23 | BC558 |
| 3M | FMMT5087R | Zet | R | SOT23R | 2N5087 BC322 |
| 3Ms | BCV62 | Sie | VQ | SOT143 | pnnp current mirror |
| 3Mp | BCV62 | Phi | VQ | SOT143 | pnnp current mirror |
| 3N | MMBT4402 | Nat | N | SOT23 | 2N4402 pnp |
| 3P | FMT2222AR | Zet | R | SOT23R | 2N2222A |
| 3R | MMBT5571 | Nat | N | SOT23 | pnnp sw 850MHz |
| 3S | MMBT5551 | Nat | N | SOT23 | npn 160V |
| 3T | HT3 | Zet | N | SOT23 | npn 80V 100mA |
| 3V0 | PZM3.0NB | Phi | C | SOT346 | 3.0V 300mW Zener |
| 3V3 | PZM3.3NB | Phi | C | SOT346 | 3.3V 300mW Zener |
| 3V6 | PZM3.6NB | Phi | C | SOT346 | 3.6V 300mW Zener |
| 3V9 | PZM3.9NB | Phi | C | SOT346 | 3.9V 300mW Zener |
| 3W | FMMT-A12 | Zet | N | - | MPSA12 |
| 3Y3 | BZV49-C3V3 | Phi | O | SOT89 | 3.3V 1W zener |
| 3Y6 | BZV49-C3V6 | Phi | O | SOT89 | 3.6V 1W zener |
| 3Y9 | BZV49-C3V9 | Phi | O | SOT89 | 3.9V 1W zener |

Codes beginning with '4'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|-------------------|------------|--------------|------|---------|---------------------------|
| 4 (white) | BAS140W | Sie | I | SOD323 | 40V 120mA sw schottky |
| 4 (yellow) | BB644 | Sie | I | SOD323 | Varicap 42-2.5pF |
| 4 (red) | BB57-03W | Sie | I | SOD323 | Varicap |
| 4 | BB664 | Sie | I | SCD80 | Varicap 42-2.5pF |
| 41 | BAT14-115S | Sie | CS | SOT173 | 40GHz schottky diode |
| 41 | BAT14-115R | Sie | CZ | SOT173 | 40GHz schottky ring quad |
| 41A | FMMT491A | Zet | N | SOT23 | npn 40v 1A max |
| 41D | BAT14-115D | Sie | CY | SOT173 | 40GHz schottky dual |
| 42 | BAT14-025S | Sie | CS | SOT173 | 4GHz schottky diode |
| 42 | BAT14-025R | Sie | CZ | SOT173 | 4GHz schottky ring quad |
| 42D | BAT14-025D | Sie | CY | SOT173 | 4GHz schottky dual |
| 43 | BAS40 | Sie | C | SOT23 | schottky diode 40V 100mA |
| 43 | DTA143EE | Mot | N | SOT416 | pnnp dtr 4k7 + 4k7 |
| 43 | DTC143XE | Roh | N | EMT3 | npn dtr 4k7+10k 50V 100mA |
| 43 | DTC143XUA | Roh | N | SC70 | npn dtr 4k7+10k 50V 100mA |
| 43 | DTC143XKA | Roh | N | SC59 | npn dtr 4k7+10k 50V 100mA |
| 43V | PZM43NB | Phi | C | SOT346 | 43V 0.3W zener |
| 43Y | BZV49-C43 | Phi | O | SOT89 | 43V 1W zener |
| 44 | BAS40-04 | Sie | D | SOT23 | dual series BAS40 |
| 44 | BAS40-04W | Sie | D | SOT323 | dual series BAS40 |
| 44 | 2SC5009 | Nec | N | - | npn RF fT 12GHz @3V 5mA |
| 45 | BAS40-05 | Sie | A | SOT23 | dual ca BAS40 |
| 45 | BAS40-05W | Sie | A | SOT323 | dual ca BAS40 |
| 45 | BAT14-055S | Sie | CS | SOT173 | 8GHz schottky diode |
| 45 | BAT14-055R | Sie | CZ | SOT173 | 8GHz schottky ring quad |
| 45 | DTC124XE | Roh | N | EMT3 | npn dtr 22k+47k 50V 50mA |
| 45 | DTC124XUA | Roh | N | SC70 | npn dtr 22k+47k 50V 50mA |
| 45 | DTC124XKA | Roh | N | SC59 | npn dtr 22k+47k 50V 50mA |
| 45D | BAT14-055D | Sie | CY | SOT173 | 8GHz schottky dual |
| 46 | BAS40-06 | Sie | B | SOT23 | dual cc BAS40 |
| 46 | BAS40-06W | Sie | B | SOT323 | dual cc BAS40 |
| 46 | MBT3946DW | Mot | DP | - | 2N3904/2N3906 pair |
| 47 | BAS40-07 | Sie | S | SOT143 | dual BAS40 |
| 47 | BAS40-07W | Sie | S | SOT343 | dual BAS40 |
| 47V | PZM47NB | Phi | C | SOT346 | 47V 0.3W zener |
| 47Y | BZV49-C47 | Phi | O | SOT89 | 47V 1W zener |
| 49 | BAT14-095S | Sie | CS | SOT173 | 18GHz schottky diode |
| 49 | BAT14-095R | Sie | CZ | SOT173 | 18GHz schottky ring quad |
| 49D | BAT14-095D | Sie | CY | SOT173 | 18GHz schottky dual |
| 413 | FMMT413 | Zet | N | SOT23 | npn avalanche 150v 0.1A |
| 415 | FMMT415 | Zet | N | SOT23 | npn avalanche 260v 0.1A |
| 417 | FMMT417 | Zet | N | SOT23 | npn avalanche 320v 0.1A |

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|-----|------------|-----|----|--------|-----------------------------|
| 431 | PZM4.3NB1 | Phi | C | SOT346 | 4.3V 0.3W zener |
| 432 | PZM4.3NB2 | Phi | C | SOT346 | 4.3V 0.3W zener |
| 433 | PZM4.3NB3 | Phi | C | SOT346 | 4.3V 0.3W zener |
| 449 | FMMT449 | Zet | N | SOT23 | npn 50V 1A low Vce sat |
| 451 | FMMT451 | Zet | N | SOT23 | npn 60V 1A |
| 455 | FMMT455 | Zet | N | SOT23 | NPN 140V 1A |
| 458 | FMMT458 | Zet | N | SOT23 | npn 400V 0.4A |
| 471 | PZM4.7NB1 | Phi | C | SOT346 | 4.7V 0.3W zener |
| 472 | PZM4.7NB2 | Phi | C | SOT346 | 4.7V 0.3W zener |
| 473 | PZM4.7NB3 | Phi | C | SOT346 | 4.7V 0.3W zener |
| 491 | FMMT491 | Zet | N | SOT23 | ZTX 450/451 |
| 493 | FMMT493 | Zet | N | SOT23 | ZTX 453 |
| 494 | FMMT494 | Zet | N | SOT23 | npn 120V 1A |
| 495 | FMMT495 | Zet | N | SOT23 | npn 170V 1A |
| 497 | FMMT497 | Zet | N | SOT23 | npn 300V 0.5A |
| 4A | MMBV109 | Mot | C | SOT23 | MV209 varicap |
| 4A | FMMV109 | Zet | C | SOT23 | MV209 varicap |
| 4A | HD3A | Zet | C | - | 75V 100mA sw diode |
| 4A | BC859A | ITT | N | SOT23 | BC559A |
| 4Ap | BC859A | Phi | N | SOT23 | BC559A |
| 4As | BC859AW | Sie | N | SOT323 | BC559A |
| 4As | BC859A | Sie | N | SOT23 | BC559A |
| 4A3 | PZM4.3NB2A | Phi | A | SOT346 | dual ca 4.3V Zener |
| 4A7 | PZM4.7NB2A | Phi | A | SOT346 | dual ca 4.7V Zener |
| 4AR | BC859AR | Phi | R | SOT23R | BC559A |
| 4B | MMBV432 | Mot | B | - | dual cc varicap 1.5-45pF |
| 4B | BC859B | ITT | N | SOT23 | BC559B |
| 4Bs | BC859B | Sie | N | SOT23 | BC559B |
| 4Bs | BC859BW | Sie | N | SOT323 | BC559B |
| 4Bp | BC859B | Phi | N | SOT23 | BC559B |
| 4Bt | BC859B | Phi | N | SOT23 | BC559B |
| 4Bt | BC859BW | Phi | N | SOT323 | BC559B |
| 4B- | BC859BW | Phi | N | SOT323 | BC559B |
| 4BR | BC859BR | Phi | R | SOT23R | BC559B |
| 4C | BC859C | ITT | N | SOT23 | BC559C |
| 4Cs | BC859C | Sie | N | SOT23 | BC559C |
| 4Cs | BC859CW | Sie | N | SOT323 | BC559C |
| 4Cp | BC859C | Phi | N | SOT23 | BC559C |
| 4Ct | BC859C | Phi | N | SOT23 | BC559C |
| 4Ct | BC859CW | Phi | N | SOT323 | BC559C |
| 4C- | BC859CW | Phi | N | SOT323 | BC559C |
| 4C | MMVB3102 | Mot | C | SOT23 | varicap 6-35pF |
| 4C | BC859C | Phi | N | SOT23 | BC559C |
| 4CR | BC859CR | Phi | R | SOT23R | BC559C |
| 4D | BC859B | Phi | N | SOT23 | BC559B |
| 4Dt | BC859W | Phi | N | SOT323 | BC559B |
| 4D- | BC859W | Phi | N | SOT323 | BC559B |
| 4D | MMBV3401 | Mot | C | SOT23 | VHF pin diode |
| 4D | HD3A | Zet | C | SOT23 | sw diode 75V 100mA |
| 4E | BC860A | Phi | N | SOT23 | BC560A |
| 4E | FMMT-A92 | Zet | N | SOT23 | MPSA92 |
| 4E | MMBV105G | Mot | C | SOT23 | MV105 varicap |
| 4ER | BC860AR | Phi | R | SOT23R | BC560A |
| 4F | MMBD353 | Mot | Z | SOT23 | dual MBD101 |
| 4F | BC860B | Phi | N | SOT23 | BC560B |
| 4F | Gali-4F | MC | AZ | SOT89 | DC-4GHz MMIC amp 15 dBm o/p |
| 4Fs | BC860B | Sie | N | SOT23 | BC560B |
| 4Fs | BC860BW | Sie | N | SOT323 | BC560B |
| 4Fp | BC860B | Phi | N | SOT23 | BC560B |
| 4Ft | BC860B | Phi | N | SOT23 | BC560B |
| 4Ft | BC860BW | Phi | N | SOT323 | BC560B |
| 4F- | BC860BW | Phi | N | SOT323 | BC560B |
| 4FR | BC860BR | Phi | R | SOT23 | BC560B |
| 4G | MMBV2101 | Mot | C | SOT23 | MV2101 varicap |
| 4G | BC860C | Phi | N | SOT23 | BC560C |

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|-----|------------|-----|----|--------|-----------------------------|
| 4Gs | BC860C | Sie | N | SOT23 | BC560C |
| 4Gs | BC860CW | Sie | N | SOT323 | BC560C |
| 4Gp | BC860C | Phi | N | SOT23 | BC560C |
| 4Gt | BC860C | Phi | N | SOT23 | BC560C |
| 4Gt | BC860CW | Phi | N | SOT323 | BC560C |
| 4G- | BC860CW | Phi | N | SOT323 | BC560C |
| 4GR | BC860CR | Phi | R | SOT23 | BC560CR |
| 4H | MMBV2103 | Mot | C | SOT23 | MV2103 varicap |
| 4Hp | BC860 | Phi | N | SOT23 | BC560 |
| 4Ht | BC860W | Phi | N | SOT323 | BC560 |
| 4H- | BC860W | Phi | N | SOT323 | BC560 |
| 4J | FMMT38A | Zet | N | SOT23 | BCX38A |
| 4J | MMBV2109 | Mot | C | SOT23 | MV2109 varicap |
| 4K | BAP64-04 | Phi | D | - | dual series 3GHz pin diode |
| 4K | MMSB3000 | Mot | I | SOD123 | Si diode 30V 0.2A |
| 4L | BAP50-04 | Phi | D | - | dual series GP RF pin diode |
| 4M | MMBD101 | Mot | C | SOT23 | MBD101 schottky diode |
| 4Ms | BAT240A | Sie | EQ | SOT143 | dual schottky 250V 0.4A |
| 4R | MMBV3700 | Mot | C | SOT23 | 200V vhf pin diode |
| 4S | MMBD201 | Mot | C | SOT23 | MBD201 |
| 4T | MMBD301 | Mot | C | SOT23 | MBD301 UHF schottky diode |
| 4U | MMBV2105 | Mot | C | SOT23 | MV2105 varicap |
| 4V | MMBV2106 | Mot | C | SOT23 | MV2106 varicap |
| 4V | BCW65AR | Zet | R | SOT23R | nnp 32V 0.8A |
| 4V3 | PZM4.3NB | Phi | C | SOT346 | 4.3V 0.3W zener |
| 4V7 | PZM4.7NB | Phi | C | SOT346 | 4.7V 0.3W zener |
| 4W | MMBV2107 | Mot | C | SOT23 | MV2107 varicap |
| 4W | BCW67AR | Zet | R | SOT23R | pnp 32V 0.8A |
| 4Y | MMBV2102 | Mot | C | SOT23 | MV2102 varicap |
| 4Y3 | BZV49-C4V3 | Phi | O | SOT89 | 4.3V 1W zener |
| 4Y7 | BZV49-C4V7 | Phi | O | SOT89 | 4.7V 1W zener |
| 4X | MMBV2108 | Mot | C | SOT23 | MV2108 varicap |
| 4Z | MMBV2104 | Mot | C | SOT23 | MV2104 varicap |

Codes beginning with '5'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|-----------|------------|--------------|------|---------|-----------------------------|
| 5 (white) | BAT60B | Sie | I | | 10V 3A sw Schottky |
| 5 (red) | BBY57-03W | Sie | I | SOD323 | varicap |
| 500 | SSTPAD500 | Sil | J | | PAD-500 500pA leakage diode |
| 51 | BAT15-115S | Sie | CS | SOT173 | 40GHz schottky diode |
| 51 | BAT15-115R | Sie | CZ | SOT173 | 40GHz schottky ring quad |
| 51D | BAT15-115D | Sie | CY | SOT173 | 40GHz schottky dual |
| 51V | PZM51NB | Phi | C | SOT346 | 51V 0.3W zener |
| 51Y | BZV49-C51 | Phi | O | SOT89 | 51V 1W zener |
| 52 | BAT15-025S | Sie | CS | SOT173 | 4GHz schottky diode |
| 52 | BAT15-025R | Sie | CZ | SOT173 | 4GHz schottky ring quad |
| 52 | Gali-52 | MC | AZ | SOT89 | DC-2GHz MMIC amp 23 dB gain |
| 52 | BAS52-02V | Inf | I | SC79 | Schottky diode 45V 750mA |
| 52 | DTA123YE | Roh | N | EMT3 | pnp dtr 2k2 +10k 50V 100mA |
| 52 | DTA123YUA | Roh | N | SC70 | pnp dtr 2k2 +10k 50V 100mA |
| 52 | DTA123YKA | Roh | N | SC59 | pnp dtr 2k2 +10k 50V 100mA |
| 52D | BAT15-025D | Sie | CY | SOT173 | 4GHz schottky dual |
| 53s | BAT17 | Sie | C | SOT23 | schottky diode 4V 100mA |
| 54 | DTA114YE | Roh | N | EMT3 | pnp dtr 10k + 47k 50V 100mA |
| 54 | DTA114YUA | Roh | N | SC70 | pnp dtr 10k + 47k 50V 100mA |
| 54 | DTA114YKA | Roh | N | SC59 | pnp dtr 10k + 47k 50V 100mA |
| 54s | BAT17-04 | Sie | D | SOT23 | dual series BAT17 |
| 54s | BAT17-04W | Sie | D | SOT323 | dual series BAT17 |
| 55 | BAT15-055S | Sie | CS | SOT173 | 8GHz schottky diode |
| 55 | BAT15-055R | Sie | CZ | SOT173 | 8GHz schottky ring quad |
| 55 | Gali-55 | MC | AZ | SOT89 | DC-4GHz MMIC amp 21 dB gain |
| 55D | BAT15-055D | Sie | CY | SOT173 | 8GHz schottky dual |
| 55s | BAT17-05 | Sie | A | SOT23 | dual ca BAT17 |

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|-----|------------|-----|----|--------|--------------------------|
| 55s | BAT17-05W | Sie | A | SOT323 | dual ca BAT17 |
| 56s | BAT17-06 | Sie | B | SOT23 | dual cc BAT17 |
| 56s | BAT17-06W | Sie | B | SOT323 | dual cc BAT17 |
| 56V | PZM56NB | Phi | C | SOT346 | 56V 0.3W zener |
| 56V | BZV49-C56 | Phi | O | SOT89 | 56V 1W zener |
| 57s | BAT17-07 | Sie | S | SOT143 | dual BAT17 |
| 57 | BFQ57 | Sie | CX | SOT173 | nnp 6.5GHz 16V/35mA |
| 58 | BFQ58 | Sie | CX | SOT173 | nnp 6.5GHz 16V/30mA |
| 59 | BAT15-095S | Sie | CS | SOT173 | 18GHz schottky diode |
| 59 | BAT15-095R | Sie | CZ | SOT173 | 18GHz schottky ring quad |
| 59D | BAT15-095D | Sie | CY | SOT173 | 18GHz schottky dual |
| 511 | PZM5.1NB1 | Phi | C | SOT346 | 5.1V 0.3W zener |
| 512 | PZM5.1NB2 | Phi | C | SOT346 | 5.1V 0.3W zener |
| 513 | PZM5.1NB3 | Phi | C | SOT346 | 5.1V 0.3W zener |
| 561 | PZM5.1NB1 | Phi | C | SOT346 | 5.6V 0.3W zener |
| 562 | PZM5.1NB2 | Phi | C | SOT346 | 5.6V 0.3W zener |
| 563 | PZM5.1NB3 | Phi | C | SOT346 | 5.6V 0.3W zener |
| 558 | FMMT558 | Zet | N | SOT23 | pnp 400V 0.15A |
| 589 | FMMT589 | Zet | N | SOT23 | pnp 30V 1A |
| 591 | FMMT591 | Zet | N | SOT23 | ZTX550/551 |
| 593 | FMMT593 | Zet | N | SOT23 | ZTX 553 |
| 5A | BC807-16 | Phi | N | SOT23 | BC327-16 |
| 5As | BC807-16 | Sie | N | SOT23 | BC327-16 |
| 5As | BC807-16W | Sie | N | SOT323 | BC327-16 |
| 5Ap | BC807-16 | Phi | N | SOT23 | BC327-16 |
| 5At | BC807-16 | Phi | N | SOT23 | BC327-16 |
| 5At | BC807-16W | Phi | N | SOT323 | BC327-16 |
| 5A- | BC807-16W | Phi | N | SOT323 | BC327-16 |
| 5A | BSS123 | Mot | M | SOT23 | n-ch tmosfet Vds 100V |
| 5A | MMBD6050 | Mot | C | SOT23 | sw diode 70V 0.2A |
| 5A | FMMD6050 | Zet | C | SOT23 | sw diode 70V 100mA |
| 5A1 | PZM5.1NB2A | Phi | A | SOT346 | dual ca 5.1V 0.3W zener |
| 5A6 | PZM5.6NB2A | Phi | A | SOT346 | dual ca 5.6V 0.3W zener |
| 5AR | BC807-16R | Phi | R | SOT23R | BC327-16 |
| 5B | MMBT4123 | Mot | N | SOT23 | 2N4123 |
| 5B | BC807-25 | SGS | N | SOT23 | BC327-25 |
| 5Bs | BC807-25 | Sie | N | SOT23 | BC327-25 |
| 5Bs | BC807-25W | Sie | N | SOT323 | BC327-25 |
| 5Bs | BC807-25U | Sie | N | SC74 | BC327-25 |
| 5Bp | BC807-25 | Phi | N | SOT23 | BC327-25 |
| 5Bt | BC807-25 | Phi | N | SOT23 | BC327-25 |
| 5Bt | BC807-25W | Phi | N | SOT323 | BC327-25 |
| 5B- | BC807-25W | Phi | N | SOT323 | BC327-25 |
| 5B | MMBD6100 | Mot | B | SOT23 | cc dual diode 70V 0.2A |
| 5B | FMMD6100 | Zet | B | SOT23 | cc dual diode 70V 0.2A |
| 5BM | MMBD6100 | Mot | B | SOT23 | cc dual diode 70V 0.2A |
| 5BR | BC807-25R | Phi | R | SOT23R | BC327-25 |
| 5C | BC807-40 | SGS | N | SOT23 | BC327-40 |
| 5Cs | BC807-40 | Sie | N | SOT23 | BC327-40 |
| 5Cs | BC807-40W | Sie | N | SOT323 | BC327-40 |
| 5Cp | BC807-40 | Phi | N | SOT23 | BC327-40 |
| 5Ct | BC807-40 | Phi | N | SOT23 | BC327-40 |
| 5Ct | BC807-40W | Phi | N | SOT323 | BC327-40 |
| 5C- | BC807-40W | Phi | N | SOT323 | BC327-40 |
| 5C | MMBD7000 | Mot | D | SOT23 | 2 ser diodes 100V 0.2A |
| 5C | FMMD7000 | Zet | D | SOT23 | 2 ser diodes 70V 200mA |
| 5CR | BC807-40R | Phi | R | SOT23E | BC327-40 |
| 5D | FMMD914 | Zet | C | SOT23 | 1N914 |
| 5D | MMBD914 | Mot | C | SOT23 | 1N914 |
| 5D | MMSD914 | Mot | I | SOD123 | 1N914 |
| 5D | HD2A | Zet | B | | dual cc HD2 75V 100mA |
| 5Dp | BC807 | Phi | N | SOT23 | BC327 |
| 5Dt | BC807 | Phi | N | SOT23 | BC327 |
| 5Dt | BC807W | Phi | N | SOT323 | BC327 |
| 5D- | BC807W | Phi | N | SOT323 | BC327 |

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|------------|------------|-----|----|--------|-----------------------------|
| 5E | BC808-16 | Phi | N | SOT23 | BC328-16 |
| 5Es | BC808-16 | Sie | N | SOT23 | BC328-16 |
| 5Es | BC808-16W | Sie | N | SOT323 | BC328-16 |
| 5E | FMMT-A43R | Zet | R | SOT23R | MPSA43 |
| 5E | BC808-16 | Phi | N | SOT23 | BC328-16 |
| 5ER | BC808-16R | Phi | R | SOT23R | BC328-16 |
| 5F | BC808-25 | Phi | N | SOT23 | BC328-25 |
| 5Fs | BC808-25 | Sie | N | SOT23 | BC328-25 |
| 5Fs | BC808-25W | Sie | N | SOT323 | BC328-25 |
| 5F | MMBD501 | Mot | C | SOT23 | MBD501 hot carrier diode |
| 5F | Gali-5F | MC | AZ | SOT89 | DC-4GHz MMIC amp 20 dB gain |
| 5FR | BC808-25R | Phi | R | SOT23R | BC328-25 |
| 5G | BC808-40 | Phi | N | SOT23 | BC328-40 |
| 5Gs | BC808-40 | Sie | N | SOT23 | BC328-40 |
| 5Gs | BC808-40W | Sie | N | SOT323 | BC328-40 |
| 5G | MMBD353 | Mot | D | | dual series MBD101 |
| 5GR | BC808-40R | Phi | R | SOT23R | BC328-40 |
| 5H | MMBD701 | Mot | C | SOT23 | MBD701 UHF schottky diode |
| 5Hp | BC808 | Phi | N | SOT23 | BC328 |
| 5HZ | BC808 | Zet | N | SOT23 | BC328 |
| 5H | MMBD4148 | Nat | C | SOT23 | 1N4148 |
| 5I | MMSD4148 | Mot | C | | 1N4148 |
| 5J | FMMT38B | Zet | N | | BCX38B |
| 5K | MMBV809 | Mot | C | SOT23 | Hyperabrupt varicap |
| 5Kp | BAP64-05 | Phi | B | | dual cc 3GHz RF pin diode |
| 5L | MMBV609 | Mot | B | SOT23 | dual cc Hyperabrupt varicap |
| 5N | MMBD452L | Mot | D | SOT23 | series UHF schottky diodes |
| 5P | FMMT2907AR | Zet | R | SOT23R | 2N2907A |
| 5T | BCW66GR | Sie | R | SOT23R | nnp 45V 0.8A 350mW |
| 5V | BCW65BR | Zet | R | SOT23R | nnp 32V 0.8A |
| 5V1 | PZM5.1NB | Phi | C | SOT346 | 5.1V 0.3W zener |
| 5V6 | PZM5.6NB | Phi | C | SOT346 | 5.6V 0.3W zener |
| 5W | BCW67BR | Zet | R | SOT23R | pnp 32V 0.8A |
| 5Y1 | BZV49-C5V1 | Phi | O | SOT89 | 5.1V 1W zener |
| 5Y6 | BZV49-C5V6 | Phi | O | SOT89 | 5.6V 1W zener |

Codes beginning with '6'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|----------------|-----------|--------------|------|---------|----------------------------|
| 6 (red) | BBY56-03W | Sie | I | SOD323 | varicap |
| 60s | BAR60 | Sie | QQ | SOT143 | 3 pin diodes |
| 605 | NDS0605 | Fch | M | SOT23 | P-ch mosfet 60V 180mA |
| 61s | BAR61 | Sie | PQ | SOT143 | 3 pin diodes pi atten |
| 61A | MMBF4117 | Nat | F | - | n-ch jfet ultra low i/p Ig |
| 61C | MMBF4118 | Nat | F | - | n-ch jfet ultra low i/p Ig |
| 61A | MMBF4119 | Nat | F | - | n-ch jfet ultra low i/p Ig |
| 61J | MMBF4091 | Nat | F | - | n-ch jfet sw/chopper |
| 61K | MMBF4092 | Nat | F | - | n-ch jfet sw/chopper |
| 61L | MMBF4093 | Nat | F | - | n-ch jfet sw/chopper |
| 61M | MMBF4859 | Nat | F | - | n-ch jfet sw/chopper |
| 61N | MMBF5514 | Nat | F | - | p-ch jfet sw/chopper |
| 61P | MMBF5115 | Nat | F | - | p-ch jfet sw/chopper |
| 61Q | MMBF5516 | Nat | F | - | p-ch jfet sw/chopper |
| 61S | MMBF5458 | Nat | F | - | n-ch jfet gp 2N5458 |
| 61T | MMBF5459 | Nat | F | - | n-ch jfet gp 2N5459 |
| 61U | MMBF5461 | Nat | F | - | p-ch jfet gp 2N5461 |
| 61V | MMBF5462 | Nat | F | - | p-ch jfet gp 2N5462 |
| 62 | DTC123YE | Roh | N | EMT3 | nnp dtr 2k2 +10k 50V 100mA |
| 62 | DTC123YUA | Roh | N | SC70 | nnp dtr 2k2 +10k 50V 100mA |
| 62 | DTC123YKA | Roh | N | SC59 | nnp dtr 2k2 +10k 50V 100mA |
| 62P | MMBFJ201 | Nat | F | - | n-ch jfet gp J201 |
| 62Q | MMBFJ202 | Nat | F | - | n-ch jfet gp J202 |
| 62R | MMBFJ203 | Nat | F | - | n-ch jfet gp J203 |
| 62S | MMBFJ270 | Nat | F | - | p-ch jfet gp J270 |

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|-----|------------|-----|----|--------|--------------------------------|
| 62T | MMBFJ271 | Nat | F | - | p-ch jfet gp J271 |
| 62V | PZM62NB1 | Phi | C | SOT346 | 62V 0.3W zener |
| 62Y | BZV49-C62 | Phi | O | SOT89 | 62V 1W zener |
| 63s | BAT64 | Sie | C | SOT23 | Schottky 40V 250mA gp |
| 63s | BAT64W | Sie | C | SOT323 | Schottky 40V 250mA gp |
| 63Q | MMBFJ304 | Nat | F | - | n-ch jfet vhf J304 |
| 64 | DTC114YE | Roh | N | EMT3 | npn dtr 10k + 47k 50V 100mA |
| 64 | DTC114YUA | Roh | N | SC70 | npn dtr 10k + 47k 50V 100mA |
| 64 | DTC114YKA | Roh | N | SC59 | npn dtr 10k + 47k 50V 100mA |
| 64s | BAT64-04 | Sie | D | SOT23 | dual ser gp Schottky 40V 250mA |
| 64s | BAT64-04W | Sie | D | SOT323 | dual ser gp Schottky 40V 250mA |
| 65s | BAT64-05 | Sie | B | SOT23 | dual cc gp Schottky 40V 250mA |
| 65s | BAT64-05W | Sie | B | SOT323 | dual cc gp Schottky 40V 250mA |
| 66s | BAT64-06 | Sie | A | SOT23 | dual ca gp Schottky 40V 250mA |
| 66s | BAT64-06W | Sie | A | SOT323 | dual ca gp Schottky 40V 250mA |
| 67s | BAT64-07 | Sie | S | SOT143 | dual gp Schottky 40V 250mA |
| 67s | BAT64-07W | Sie | S | SOT343 | dual gp Schottky 40V 250mA |
| 67 | BFP67 | Tfk | X | - | npn Rf ft 7.5GHz 10V 50mA |
| 67R | BFP67R | Tfk | WQ | - | npn Rf ft 7.5GHz 10V 50mA |
| 68Y | BZV49-C68 | Phi | O | SOT89 | 68V 1W zener |
| 68V | PZM68NB1 | Phi | C | SOT346 | 68V 0.3W zener |
| 69 | DTA114YE | Mot | N | SOT416 | pnp dtr 10k +47k |
| 69 | DTC115EE | Roh | N | EMT3 | npn dtr 100k+100k 50V 20mA |
| 69 | DTC115EUA | Roh | N | SC70 | npn dtr 100k+100k 50V 20mA |
| 69 | DTC115EKA | Roh | N | SC59 | npn dtr 100k+100k 50V 20mA |
| 605 | NDS0605 | Fch | M | - | p-ch sw mosfet 60V |
| 610 | NDS0610 | Fch | M | - | p-ch sw mosfet 60V |
| 614 | FMMT614 | Zet | N | SOT23 | sw |
| 617 | FMMT617 | Zet | N | SOT23 | npn sw 15V 3A |
| 618 | FMMT618 | Zet | N | SOT23 | npn sw 20V 2.5A |
| 619 | FMMT619 | Zet | N | SOT23 | npn sw 50V 2A |
| 621 | PZM6.2NB1 | Phi | C | SOT346 | 6.2V 0.3W zener |
| 622 | PZM6.2NB2 | Phi | C | SOT346 | 6.2V 0.3W zener |
| 623 | PZM6.2NB3 | Phi | C | SOT346 | 6.2V 0.3W zener |
| 624 | FMMT624 | Zet | N | SOT23 | - |
| 625 | FMMT625 | Zet | N | SOT23 | - |
| 634 | FMMT634 | Zet | N | SOT23 | 100V 0.9A darlington npn |
| 651 | PZT651 | Mot | N | SOT223 | npn 60V 1A |
| 681 | PZM6.8NB1 | Phi | C | SOT346 | 6.8V 0.3W zener |
| 682 | PZM6.8NB2 | Phi | C | SOT346 | 6.8V 0.3W zener |
| 683 | PZM6.8NB1 | Phi | C | SOT346 | 6.8V 0.3W zener |
| 6A | MMBF4416 | Mot | F | SOT23 | 2N4416 n-ch vhf jfet |
| 6A | MUN2111 | Mot | N | SOT23 | pnp dtr with 10k+10k |
| 6A | MUN5111 | Mot | N | SOT323 | pnp dtr with 10k+10k |
| 6A | BC817-16 | Phi | N | SOT23 | BC337-16 |
| 6As | BC817-16 | Sie | N | SOT23 | BC337-16 |
| 6As | BC817-16 | Sie | N | SOT323 | BC337-16 |
| 6Ap | BC817-16W | Phi | N | SOT23 | BC337-16 |
| 6At | BC817-16 | Phi | N | SOT23 | BC337-16 |
| 6At | BC817-16W | Phi | N | SOT323 | BC337-16 |
| 6A- | BC817-16W | Phi | N | SOT323 | BC337-16 |
| 6A2 | PZM6.2NB2A | Phi | A | SOT346 | dual ca 6.2V 0.3W zener |
| 6A8 | PZM6.8NB2A | Phi | A | SOT346 | dual ca 6.8V 0.3W zener |
| 6AR | BC817-16R | Phi | R | SOT23 | BC337-16 |
| 6AZ | BC817-16 | Zet | N | SOT23 | BC337-16 |
| 6B | MMBF5484 | Mot | F | SOT23 | n-ch jfet 2N5484 |
| 6B | BC817-25 | Phi | N | SOT23 | BC337-25 |
| 6Bs | BC817-25 | Sie | N | SOT23 | BC337-25 |
| 6Bs | BC817-25W | Sie | N | SOT323 | BC337-25 |
| 6Bp | BC817-25 | Phi | N | SOT23 | BC337-25 |
| 6Bt | BC817-25 | Phi | N | SOT23 | BC337-25 |
| 6Bt | BC817-25W | Phi | N | SOT323 | BC337-25 |
| 6B- | BC817-25W | Phi | N | SOT323 | BC337-25 |
| 6B | MUN2112 | Mot | N | SOT23 | pnp dtr 22k+22k |
| 6B | MUN5112 | Mot | N | SOT323 | MUN2112 |

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|------------|-----------|-----|----|--------|-----------------------------|
| 6BR | BC817-25R | Phi | R | SOT23R | BC337-25 |
| 6BZ | BC817-25 | Zet | N | SOT23 | BC337-25 |
| 6C | BC817-40 | Phi | N | SOT23 | BC337-40 |
| 6Cs | BC817-40 | Sie | N | SOT23 | BC337-40 |
| 6Cs | BC817-40W | Sie | N | SOT323 | BC337-40 |
| 6Cp | BC817-40 | Phi | N | SOT23 | BC337-40 |
| 6Ct | BC817-40 | Phi | N | SOT23 | BC337-40 |
| 6Ct | BC817-40W | Phi | N | SOT323 | BC337-40 |
| 6C- | BC817-40W | Phi | N | SOT323 | BC337-40 |
| 6C | MMBFU310 | Mot | F | SOT23 | n-ch jfet U310 |
| 6C | MUN2113 | Mot | N | SOT23 | npn dtr 47k+47k |
| 6C | MUN5113 | Mot | N | SOT323 | MUN2113 |
| 6CR | BC817-40R | Phi | R | SOT23R | BC337-40 |
| 6CZ | BC817-40 | Zet | N | SOT23 | BC337-40 |
| 6Dp | BC817 | Phi | N | SOT23 | BC337 |
| 6Dt | BC817 | Phi | N | SOT23 | BC337 |
| 6Dt | BC817W | Phi | N | SOT323 | BC337 |
| 6D- | BC817W | Phi | N | SOT323 | BC337 |
| 6D | MMBF5457 | Mot | F | SOT23 | 2N5457 n-ch jfet |
| 6D | MUN2114 | Mot | N | SOT23 | npn dtr 10k+47k |
| 6D | MUN5114 | Mot | N | SOT323 | MUN2114 |
| 6DZ | BC817 | Zet | N | SOT23 | BC337 |
| 6E | FMMT-A93R | Zet | R | SOT23R | MPSA93 |
| 6E | MMBF5460 | Mot | F | SOT23 | p-ch jfet 2N5460 |
| 6E | BC818-16 | Phi | N | SOT23 | BC338-16 |
| 6Es | BC818-16 | Sie | N | SOT23 | BC338-16 |
| 6Es | BC818-16W | Sie | N | SOT323 | BC338-16 |
| 6E | MUN2115 | Mot | N | SOT23 | npn dtr R1 10k |
| 6E | MUN5115 | Mot | N | SOT323 | MUN2115 |
| 6ER | BC818-16R | Phi | R | SOT23 | BC338-16 |
| 6EZ | BC818-16 | Zet | N | SOT23 | BC338-16 |
| 6F | MMBF4860 | Mot | F | SOT23 | 2N4860 n-ch jfet |
| 6F | BC818-25 | Phi | N | SOT23 | BC338-25 |
| 6Fs | BC818-25 | Sie | N | SOT23 | BC338-25 |
| 6Fs | BC818-25W | Sie | N | SOT323 | BC338-25 |
| 6F | MUN2116 | Mot | N | SOT23 | npn dtr R1 4k7 |
| 6F | MUN5116 | Mot | N | SOT323 | MUN2116 |
| 6F | Gali-6F | MC | AZ | SOT89 | DC-4GHz MMIC amp 12 dB gain |
| 6FR | BC818-25R | Phi | R | SOT23R | BC338-25 |
| 6FZ | BC818-25 | Zet | N | SOT23 | BC338-25 |
| 6G | BC818-40 | Phi | N | SOT23 | BC338-40 |
| 6Gs | BC818-40 | Sie | N | SOT23 | BC338-40 |
| 6Gs | BC818-40W | Sie | N | SOT323 | BC338-40 |
| 6G | MMBF4393 | Mot | F | SOT23 | n-ch jfet 2N4393 |
| 6G | MUN2130 | Mot | N | SOT23 | npn dtr 1k0+1k0 |
| 6G | MUN5130 | Mot | N | SOT323 | ial">MUN2130 |
| 6GR | BC818-40R | Phi | R | SOT23 | BC338-40 |
| 6GZ | BC818-40 | Zet | N | SOT23 | BC338-40 |
| p6G | PMBF4393 | Phi | F | SOT23 | n-ch jfet 2N4393 |
| 6Hp | BC818 | Phi | N | SOT23 | BC338 |
| 6HZ | BC818 | Zet | N | SOT23 | BC338 |
| 6H | MMBF5486 | Mot | F | SOT23 | n-ch jfet 2N5486 |
| 6H | MUN2131 | Mot | N | SOT23 | npn dtr 2k2 +2k2 |
| 6H | MUN5131 | Mot | N | SOT323 | MUN2131 |
| 6J | MMBF4391 | Mot | F | SOT23 | n-ch jfet 2N4391 |
| 6J | MUN2132 | Mot | N | SOT23 | npn dtr 4k7+ 4k7 |
| 6J | MUN5132 | Mot | N | SOT323 | MUN2132 |
| p6J | MMBF4391 | Phi | F | SOT23 | n-ch jfet 2N4391 |
| 6K | MMBF4932 | Mot | F | SOT23 | n-ch jfet 2N4932 |
| 6K | MUN2133 | Mot | N | SOT23 | npn dtr 4k7+ 47k |
| 6K | MUN5133 | Mot | N | SOT323 | MUN2133 |
| p6K | MMBF4932 | Phi | F | SOT23 | n-ch jfet 2N4932 |
| 6L | MMBF5459 | Mot | F | SOT23 | n-ch jfet 2N5459 |
| 6L | MUN2134 | Mot | N | SOT23 | npn dtr 22k+47k |
| 6L | MUN5134 | Mot | N | SOT323 | MUN2134 |

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|------------|------------|-----|---|--------|---------------------------|
| 6M | MMBF5485 | Nat | F | SOT23 | n-ch jfet vhf 2N5485 |
| 6N | MMBF4861 | Nat | F | SOT23 | n-ch jfet sw/chopper |
| 6Q | MMBFJ305 | Nat | F | - | n-chjfet vhf J305 |
| 6P | MMBFJ111 | Nat | F | - | J111 n-ch jfet |
| 6P | BCX71HR | Phi | R | SOT23R | BCX79 |
| 6R | MMBFJ112 | Nat | F | - | J112 n-chjfet |
| 6P | MMBFJ113 | Nat | F | - | J113 n-ch jfet |
| 6S | MMBFJ176 | Nat | F | - | J176 n-ch jfet |
| 6S | MMSD71 | Mot | C | - | gp Si diode |
| p6S | PMBFJ176 | Phi | F | - | J176 n-ch jfet |
| 6T | BCW68GR | Sie | R | - | pnp 45V 0.8A 350mW |
| 6T | MMBFJ310 | Mot | F | SOT23 | uhf n-ch jfet J310 |
| 6U | MMBFJ309 | Nat | F | SOT23 | uhf n-ch jfet J309 |
| 6V | BCW65CR | Zet | R | SOT23R | nnp 32V 0.8A |
| 6V | MMBFJ174 | Nat | F | - | J174 p-ch jfet sw/chopper |
| 6V2 | PZM6.2NB | Phi | C | SOT346 | 6.2V 0.3W zener |
| 6V8 | PZM6.8NB | Phi | C | SOT346 | 6.8V 0.3W zener |
| 6W | BCW67CR | Zet | R | SOT23R | pnp32V 0.8A |
| 6W | MMBFJ175 | Mot | F | SOT23 | J175 p-ch jfet |
| p6W | PMBFJ175 | Phi | F | SOT23 | J175 p-ch jfet |
| 6X | MMBFJ174 | Nat | F | - | J174 p-ch jfet sw/chopper |
| p6X | PMBFJ174 | Phi | F | - | J174 p-ch jfet sw/chopper |
| 6Y | MMBFJ177 | Mot | F | SOT23 | J177 p-ch jfet |
| p6Y | PMBFJ177 | Phi | F | SOT23 | J177 p-ch jfet |
| 6Y2 | BZV49-C6V2 | Phi | O | SOT89 | 6.2V 1W zener |
| 6Y8 | BZV49-C6V8 | Phi | O | SOT89 | 6.8V 1W zener |
| 6Z | MMBF170 | Mot | M | SOT23 | tmosfet n-ch Vds 60V |

Codes beginning with '7'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|-----------|--------------|------|---------|-----------------------------|
| 7 (white) | BBY55-02W | Sie | I | SCD80 | UHF Varicap |
| 70 | BFQ70 | Sie | CX | SOT173 | nnp fT 5.2GHz 15V 35mA |
| 71 | BFQ71 | Sie | CX | SOT173 | nnp fT 5.2GHz 15V 30mA |
| 72 | BFQ72 | Sie | CX | SOT173 | nnp fT 5.1GHz 15V 50mA |
| 72 | 2N7002 | Sil | M | SOT23 | n-ch mosfet 60V 170mA |
| 73s | BAS70 | Sie | C | SOT23 | schottky diode 70V 50mA |
| 73p | BAS70 | Phi | C | SOT23 | schottky diode 70V 50mA |
| 73t | BAS70 | Phi | C | SOT23 | schottky diode 70V 50mA |
| 73t | BAS70W | Phi | C | SOT323 | schottky diode 70V 50mA |
| 73- | BAS70W | Phi | C | SOT323 | schottky diode 70V 50mA |
| 73 | MA4CS101A | M/A | C | SOT23 | schottky diode 70V 50mA |
| 73 | BFQ73 | Sie | CX | SOT173 | nnp fT 4.9GHz 15V 75mA |
| 73 | 2SC5004 | Nec | N | - | nnp RF 5GHz @5V 5mA |
| 73S | BFQ73S | Sie | CX | SOT173 | nnp fT 5.3GHz 15V 100mA |
| 74 | BFQ74 | Sie | CX | SOT173 | nnp fT 6GHz 16V 35mA |
| 74s | BAS70-04 | Sie | D | SOT23 | dual series BAS70 |
| 74p | BAS70-04 | Phi | D | SOT23 | dual series BAS70 |
| 74t | BAS70-04 | Phi | D | SOT23 | dual series BAS70 |
| 74t | BAS70-04W | Phi | D | SOT323 | dual series BAS70 |
| 74t | BAS70-04W | Phi | D | SOT323 | dual series BAS70 |
| 74 | MA4CS101B | M/A | D | SOT23 | dual series MA4CS101A (73) |
| 74 | DTA114WE | Rho | N | EMT3 | pnp dtr 10k + 4k7 50V 100mA |
| 74 | DTA114WUA | Rho | N | SC70 | pnp dtr 10k + 4k7 50V 100mA |
| 74 | DTA114WKA | Rho | N | SC59 | pnp dtr 10k + 4k7 50V 100mA |
| 74 | 2SC5005 | Nec | N | - | nnp RF 5.5GHz @5V 5mA |
| 75s | BAS70-05 | Sie | B | SOT23 | dual cc BAS70 |
| 75s | BAS70-05W | Sie | B | SOT323 | dual cc BAS70 |
| 75p | BAS70-05 | Phi | B | SOT23 | dual cc BAS70 |
| 75t | BAS70-05W | Phi | B | SOT323 | dual cc BAS70 |
| 75t | BAS70-05 | Phi | B | SOT23 | dual cc BAS70 |
| 75- | BAS70-05W | Phi | B | SOT323 | dual cc BAS70 |
| 75 | BFQ75 | Sie | CX | SOT173 | pnp fT 5GHz 12V 50mA |
| 75Y | BZV49-C75 | Phi | O | SOT89 | 75V 1W zener |

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|-----|------------|-----|----|---------|-----------------------------|
| 76s | BAS70-06 | Sie | A | SOT23 | dual ca BAS70 |
| 76p | BAS70-06 | Phi | A | SOT23 | dual ca BAS70 |
| 76t | BAS70-06 | Phi | A | SOT23 | dual ca BAS70 |
| 76t | BAS70-06W | Phi | A | SOT323 | dual ca BAS70 |
| 76- | BAS70-06W | Phi | A | SOT323 | dual ca BAS70 |
| 76 | BFQ76 | Sie | CX | SOT173 | pnp fT 5GHz 15V 30mA |
| 76 | DTA144WE | Rho | N | EMT3 | pnp dtr 47k + 22k 50V 30mA |
| 76 | DTA144WUA | Rho | N | SC70 | pnp dtr 47k + 22k 50V 30mA |
| 76 | DTA144WKA | Rho | N | SC59 | pnp dtr 47k + 22k 50V 30mA |
| 77s | BAS70-07 | Sie | S | SOT143 | dual BAS70 |
| 77s | BAS70-07 | Sie | S | SOT343 | dual BAS70 |
| 77 | MA4CS101E | M/A | S | SOT143 | dual MA4CS101A (73) |
| 77 | BFQ77 | Sie | CX | SOT173 | npn fT 7GHz 15V 20mA |
| 78 | MMBT4258 | Nat | N | SOT23 | pnp sw fT 700MHz |
| 701 | 2N7001 | Mot | M | SOT23 | n-ch mosfet |
| 702 | 2N7002 | Mot | M | SOT23 | n-ch mosfet 60V 0.11A |
| 703 | 2N7003 | Mot | M | SOT23 | n-ch mosfet |
| 712 | NDS7002A | Nat | M | SOT23 | n-ch mosfet 60V 0.28A |
| 717 | FMMT717 | Zet | N | SOT23 | pnp sw 0.625W 2.5A 12V |
| 718 | FMMT718 | Zet | N | SOT23 | pnp sw 0.625W 1.5A 20V |
| 720 | FMMT720 | Zet | N | SOT23 | pnp sw 0.625W 1.5A |
| 722 | FMMT722 | Zet | N | SOT23 | pnp sw |
| 723 | FMMT723 | Zet | N | SOT23 | pnp sw |
| 751 | PZM7.5NB1 | Phi | C | SOT346 | 7.5V 0.3W zener |
| 752 | PZM7.5NB2 | Phi | C | SOT346 | 7.5V 0.3W zener |
| 753 | PZM7.5NB3 | Phi | C | SOT346 | 7.5V 0.3W zener |
| 7A | MMBR901 | Mot | N | SOT23 | npn RF MRF901 |
| 7A | MUN5211DW1 | Mot | DN | SOT363 | dual npn dtr 10k+10k |
| 7A5 | PZM7.5NB2A | Phi | A | SOT346 | dual ca 7.5V 0.3W zener |
| 7B | MMBR920 | Mot | N | SOT23 | npn RF ?MRF920 |
| 7B | MUN5212DW1 | Mot | DN | SOT363 | dual npn dtr 22k+22k |
| 7C | MMBR930 | Mot | N | SOT23 | npn RF ?MRF930 |
| 7C | MUN5213DW1 | Mot | DN | SOT363 | dual npn dtr 47k+47k |
| 7D | MMBR931 | Mot | N | SOT23 | npn RF ?MRF931 |
| 7D | HD4A | Zet | A | - | ca dual HD3A |
| 7D | MUN5214DW1 | Mot | DN | SOT363 | dual npn dtr 10k+47k |
| 7E | FMMT-A42R | Zet | R | - | MPSA42 |
| 7E | MMBR2060 | Mot | N | - | npn RF fT 1GHz Vce 30V 50mA |
| 7E | MUN5215DW1 | Mot | DN | SOT363 | dual npn 10k base res |
| 7F | MMBR4957 | Mot | N | - | npn RF fT 1.2GHz 30V 30mA |
| 7F | MUN5211DW1 | Mot | DN | SOT363 | dual npn dtr R1 4k7 |
| 7G | MMBR5031 | Mot | N | SOT23 | npn RF fT 1GHz 10V 20mA |
| 7G | MUN5230DW1 | Mot | DN | SOT363 | dual npn dtr 1k0+1k0 |
| 7H | MMBR5179 | Mot | N | SOT23 | npn RF 2N5179/BFY90 |
| 7H | MUN5231DW1 | Mot | DN | SOT363 | dual npn dtr 2k2+2k2 |
| 7J | FMMT38C | Zet | N | SOT23 | BCX38C |
| 7J | MUN5232DW1 | Mot | DN | SOT363 | dual npn dtr 4k7+4k7 |
| 7K | MMBR2857 | Mot | N | - | npn RF fT 1GHz Vce 15V 40mA |
| 7K | MUN5233DW1 | Mot | DN | SOT363 | dual npn dtr 4k7+47k bias |
| 7L | MUN5234DW1 | Mot | DN | SOT3636 | dual npn dtr 22k+47k bias |
| 7M | MUN5235DW1 | Mot | DN | SOT363 | dual npn dtr 2k2+47k bias |
| 7M | MMBR521L | Mot | N | SOT23 | pnp RF MRF521 |
| 7M | BCW66HR | Zet | R | SOT23R | npn 45V 0.8A |
| 7N | MMBR941BL | Mot | N | SOT23 | npn RF fT 8GHz MRF941 |
| 7N | BCW68HR | Zet | R | SOT23 | pnp 45V 0.8A |
| 7P | BCW66FR | SGS | R | SOT23R | npn 45V 0.8A 350mW |
| 7P | MMBR911L | Mot | N | SOT23 | npn RF fT 6GHz MRF911 |
| 7R | MMBR536 | Mot | N | - | npn RF MRF536 |
| 7T | BCW68FR | Zet | R | SOT23R | pnp 45V 0.8A |
| 7V5 | PZM7.5NB | Phi | C | SOT346 | 7.5V 0.3W zener |
| 7X | MMBR571L | Mot | N | SOT23 | npn RF fT 8GHz MRF571 |
| 7Y | MMBR941L | Mot | N | SOT23 | npn RF fT 8GHz MRF941 |
| 7Y5 | BZV49-C7V5 | Phi | O | SOT89 | 7.5V 1W zener |
| 7Z | MMBR951L | Mot | N | SOT23 | npn RF fT 7.5GHz MRF951 |

Codes beginning with '8'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|-------------------|------------|--------------|------|---------|----------------------------------|
| 8 (yellow) | BBY58-03W | Sie | I | SOD323 | varicap |
| 81 | ZMV831BV2 | Zet | I | SOD523 | 28V hyperabrupt varicap 15pF @2V |
| 81A | MMBZ5250B | Mot | C | SOT23 | 20V zener 0.225W |
| 81A | PMBZ5250B | Phi | C | SOT23 | 20V zener 0.225W |
| 81B | MMBZ5251B | Mot | C | SOT23 | 22V zener 0.225W |
| 81B | PMBZ5251B | Phi | C | SOT23 | 22V zener 0.225W |
| 81C | MMBZ5252B | Mot | C | SOT23 | 24V zener 0.225W |
| 81C | PMBZ5252B | Phi | C | SOT23 | 24V zener 0.225W |
| 81D | MMBZ5253B | Mot | C | SOT23 | 25V zener 0.225W |
| 81D | PMBZ5253B | Phi | C | SOT23 | 25V zener 0.225W |
| 81E | MMBZ5254B | Mot | C | SOT23 | 27V zener 0.225W |
| 81E | PMBZ5254B | Mot | C | SOT23 | 27V zener 0.225W |
| 81F | MMBZ5255B | Mot | C | SOT23 | 28V zener 0.225W |
| 81F | PMBZ5255B | Sie | C | SOT23 | 28V zener 0.225W |
| 81G | MMBZ5256B | Mot | C | SOT23 | 30V zener 0.225W |
| 81G | PMBZ5256B | Phi | C | SOT23 | 30V zener 0.225W |
| 81H | MMBZ5257B | Mot | C | SOT23 | 33V zener 0.225W |
| 81H | PMBZ5257B | Phi | C | SOT23 | 33V zener 0.225W |
| 82 | 2SC5009 | Nec | N | - | npn RF ft 12GHz @ 3V 5mA |
| 82 | ZMV832BV2 | Zet | I | SOD523 | 28V hyperabrupt varicap 22pF @2V |
| 82P | BFP182T | Tfk | X | - | npn RF ft 7.5GHz 10V 35mA |
| 83 | MMBT4400 | Nat | N | - | npn 2N4400 |
| 83s | BAT68 | Sie | C | SOT23 | gp Schottky 8V 130mA |
| 83s | BAT68W | Sie | C | SOT323 | gp Schottky 8V 130mA |
| 83 | 2SC5010 | Nec | N | - | npn RF ft 12GHz 3V 10mA |
| 83 | MA4CS102A | M/A | C | SOT23 | schottky diode 8V 30mA |
| 83P | BFP183T | Tfk | X | - | npn RF ft 7.4GHz 10V 65mA |
| 84s | BAT68-04 | Sie | D | SOT23 | dual ser gp Schottky 8V 130mA |
| 84s | BAT68-04W | Sie | D | SOT323 | dual ser gp Schottky 8V 130mA |
| 84 | MA4CS102B | M/A | D | SOT23 | dual ser schottky diode 8V 30mA |
| 84 | DTC114WE | Rho | N | EMT3 | npn dtr 10k + 4k7 50V 100mA |
| 84 | DTC114WUA | Rho | N | SC70 | npn dtr 10k + 4k7 50V 100mA |
| 84 | DTC114WKA | Rho | N | SC59 | npn dtr 10k + 4k7 50V 100mA |
| 85 | MMBD1701 | Nat | C | - | Fast Si diode 30V 50mA |
| 85 | MA4CS102A | M/A | B | SOT23 | dual cc schottky diode 8V 30mA |
| 85s | BAT68-05 | Sie | B | SOT23 | gp dual cc Schottky 8V 130mA |
| 85s | BAT68-05W | Sie | B | SOT323 | gp dual cc Schottky 8V 130mA |
| 86 | MMBD1702 | Nat | K | - | Fast Si diode 30V 50mA |
| 86 | DTC144WE | Rho | N | EMT3 | npn dtr 47k + 22k 50V 30mA |
| 86 | DTC144WUA | Rho | N | SC70 | npn dtr 47k + 22k 50V 30mA |
| 86 | DTC144WKA | Rho | N | SC59 | npn dtr 47k + 22k 50V 30mA |
| 86s | BAT68-06 | Sie | A | SOT23 | gp dual ca Schottky 8V 130mA |
| 86s | BAT68-06W | Sie | A | SOT323 | gp dual ca Schottky 8V 130mA |
| 87 | MMBD1703 | Nat | D | - | dual ser MMBD1701 |
| 87 | MA4CS102A | M/A | S | SOT143 | dual schottky diode 8V 30mA |
| 87s | BAT68-07 | Sie | S | SOT143 | gp dual schottky 8V 130mA |
| 88 | MMBD1704 | Nat | B | - | dual cc MMBD1701 |
| 89 | MMBD1705 | Nat | A | - | dual ca MMBD1701 |
| 821 | PZM8.2NB1 | Phi | C | SOT23 | 8.2V 0.3W zener |
| 822 | PZM8.2NB2 | Phi | C | SOT23 | 8.2V 0.3W zener |
| 822 | S822T | Tfk | X | - | npn RF ft 5.2GHz 6V 8mA |
| 823 | PZM8.2NB3 | Phi | C | SOT23 | 8.2V 0.3W zener |
| 852 | S852T | Tfk | N | SOT23 | npn RF ft 5.2GHz 6V 8mA |
| 887 | S887T | Tfk | W | SOT143 | n-ch dg uhf mosfet |
| 888 | S888T | Tfk | W | SOT142 | n-ch dg uhf mosfet |
| 8A | NJM78L02A | NJR | KQ | SOT89 | 78L 2.0V 0.1A regulator |
| 8A | MMBZ5226B | Mot | C | SOT23 | 3.3V zener 0.225W |
| 8A | MUN2211 | Mot | N | SOT23 | npn dtr 10k +10k |
| 8A | MUN5211 | Mot | N | SOT323 | npn dtr 10k +10k |
| 8A2 | PZM8.2NB2A | Phi | C | SOT23 | dual ca 8.2V 0.3W zener |
| 8B | NJM78L03A | NJR | KQ | SOT89 | 78L 3.0V 0.1A regulator |

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|-----|------------|-----|----|--------|-------------------------|
| 8B | MMBZ5227B | Mot | C | SOT23 | 3.6V zener 0.225W |
| 8B | MUN2212 | Mot | N | SOT23 | npn dtr 22k+22k |
| 8B | MUN5212 | Mot | N | SOT323 | npn dtr 22k+22k |
| 8C | NJM78L05A | NJR | KQ | SOT89 | 78L 5.0V 0.1A regulator |
| 8C | MMBZ5228B | Mot | C | SOT23 | 3.9V zener 0.225W |
| 8C | MUN2213 | Mot | N | SOT23 | npn dtr 47k + 47k |
| 8C | MUN5213 | Mot | N | SOT323 | npn dtr 47k + 47k |
| 8D | MUN2214 | Mot | N | SOT23 | npn dtr 10k + 47k |
| 8D | MUN5214 | Mot | N | SOT323 | MUN2214 |
| 8E | NJM78L06A | NJR | KQ | SOT89 | 78L 6.0V 0.1A regulator |
| 8E | FMMT-A92R | Zet | R | SOT23R | MPSA92 |
| 8E | MMBZ5230B | Mot | C | SOT23 | 4.7V zener 0.225W |
| 8E | MUN2215 | Mot | N | SOT23 | npn dtr R1 10k |
| 8E | MUN5215 | Mot | N | SOT323 | npn dtr R1 10k |
| 8F | NJM78L07A | NJR | KQ | SOT89 | 78L 7.0V 0.1A regulator |
| 8F | MMBZ5231B | Mot | C | SOT23 | 5.1V zener 0.225W |
| 8F | MUN2216 | Mot | N | SOT23 | npn dtr R1 4k7 |
| 8F | MUN5216 | Mot | N | SOT323 | MUN2216 |
| 8G | NJM78L08A | NJR | KQ | SOT89 | 78L 8.0V 0.1A regulator |
| 8G | MMBZ5232B | Mot | C | SOT23 | 5.6V zener 0.225W |
| 8G | MUN2230 | Mot | N | SOT23 | npn dtr 1k0+1k0 |
| 8G | MUN5230 | Mot | N | SOT323 | npn dtr 1k0+1k0 |
| 8H | NJM78L09A | NJR | KQ | SOT89 | 78L 9.0V 0.1A regulator |
| 8H | MMBZ5233B | Mot | C | SOT23 | 6.0V zener 0.225W |
| 8H | MUN2231 | Mot | N | SOT23 | npn dtr 2k2+2k2 |
| 8H | MUN5231 | Mot | N | SOT323 | npn dtr 2k2+2k2 |
| 8J | NJM78L10A | NJR | KQ | SOT89 | 78L 10V 0.1A regulator |
| 8J | MMBZ5234B | Mot | C | SOT23 | 6.2V zener 0.225W |
| 8J | MUN2232 | Mot | N | SOT23 | npn dtr 4k7+ 4k7 |
| 8J | MUN5232 | Mot | N | SOT323 | npn dtr 4k7+ 4k7 |
| 8K | NJM78L12A | NJR | KQ | SOT89 | 78L 12V 0.1A regulator |
| 8K | MMBZ5235B | Mot | C | SOT23 | 6.8V zener 0.225W |
| 8K | MUN2233 | Mot | N | SOT23 | npn dtr 4k7+ 47k |
| 8K | MUN5233 | Mot | N | SOT323 | npn dtr 4k7+ 47k |
| 8L | NJM78L15A | NJR | KQ | SOT89 | 78L 15V 0.1A regulator |
| 8L | MMBZ5236B | Mot | C | SOT23 | 7.5V zener 0.225W |
| 8L | MUN2234 | Mot | N | SOT23 | npn dtr 22k + 47k |
| 8L | MUN5234 | Mot | N | SOT323 | npn dtr 22k + 47k |
| 8M | NJM78L18A | NJR | KQ | SOT89 | 78L 18V 0.1A regulator |
| 8M | MMBZ5237B | Mot | C | SOT23 | 8.2V zener 0.225W |
| 8N | NJM78L20A | NJR | KQ | SOT89 | 78L 20V 0.1A regulator |
| 8N | MMBZ5238B | Mot | C | SOT23 | 8.7V zener 0.225W |
| 8P | NJM78L24A | NJR | KQ | SOT89 | 78L 24V 0.1A regulator |
| 8P | MMBZ5239B | Mot | C | SOT23 | 9.1V zener 0.225W |
| 8Q | MMBZ5240B | Mot | C | SOT23 | 10V zener 0.225W |
| 8R | MMBZ5241B | Mot | C | SOT23 | 11V zener 0.225W |
| 8S | MMBZ5242B | Mot | C | SOT23 | 12V zener 0.225W |
| 8T | MMBZ5243B | Mot | C | SOT23 | 13V zener 0.225W |
| 8U | MMBZ5244B | Mot | C | SOT23 | 14V zener 0.225W |
| 8V | MMBZ5245B | Mot | C | SOT23 | 15V zener 0.225W |
| 8V2 | PZM8.2NB | Phi | C | SOT23 | 8.2V 0.3W zener |
| 8W | MMBZ5246B | Mot | C | SOT23 | 16V zener 0.225W |
| 8X | MMBZ5247B | Mot | C | SOT23 | 17V zener 0.225W |
| 8Y | MMBZ5248B | Mot | C | SOT23 | 18V zener 0.225W |
| 8Y2 | BZV49-C8V2 | Phi | O | SOT89 | 8.2V 1W zener |
| 8Z | NJM78L62A | NJR | KQ | SOT89 | 78L 6.2V 0.1A regulator |
| 8Z | MMBZ5249B | Mot | C | SOT23 | 19V zener 0.225W |

Codes beginning with '9'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|------------------------------|
| 9 | BC849 | Mot | N | SOT23 | BC 549B |
| 91 | ZV931V2 | Zet | I | SOD523 | 4-13.5pF hyperabrupt varicap |
| 91 | DTA113TKA | Roh | N | SC59 | pnp dtr R1 1k0 50V 100mA |

| | | | | | |
|-----|------------|-----|-----|--------|------------------------------|
| 91A | FMMT591A | Zet | N | SOT23 | pnp 40V 1A 0.5W ft 150 MHz |
| 92 | ZV932V2 | Zet | I | SOD523 | 5.5-17pF hyperabrupt varicap |
| 92V | BFP92A | Tfk | W | - | npn RF 6GHz 16V 30mA |
| 93 | ZV933V2 | Zet | I | SOD523 | 12-42pF hyperabrupt varicap |
| 93 | DTA143TE | Roh | N | EMT3 | pnp dtr R1 4k7 50V 100mA |
| 93 | DTA143TUA | Roh | N | SC70 | pnp dtr R1 4k7 50V 100mA |
| 93 | DTA143TKA | Roh | N | SC59 | pnp dtr R1 4k7 50V 100mA |
| 94 | DTA114TE | Roh | N | EMT3 | pnp dtr R1 10k 50V 100mA |
| 94 | DTA114TUA | Roh | N | SC70 | pnp dtr R1 10k 50V 100mA |
| 94 | DTA114TKA | Roh | N | SC59 | pnp dtr R1 10k 50V 100mA |
| 95 | DTA124TE | Roh | N | EMT3 | pnp dtr R1 22k 50V 100mA |
| 95 | DTA124TCA | Roh | N | SOT23 | pnp dtr R1 22k 50V 100mA |
| 95 | DTA124TKA | Roh | N | SC59 | pnp dtr R1 22k 50V 100mA |
| 96 | DTA144TE | Roh | N | EMT3 | pnp dtr R1 47k 50V 100mA |
| 96 | DTA144TUA | Roh | N | SC70 | pnp dtr R1 47k 50V 100mA |
| 96 | DTA144TKA | Roh | N | SC59 | pnp dtr R1 47k 50V 100mA |
| 99 | DTA115TE | Roh | N | EMT3 | pnp dtr R1 100k 50V 100mA |
| 99 | DTA115TUA | Roh | N | SC70 | pnp dtr R1 100k 50V 100mA |
| 99 | DTA115TKA | Roh | N | SC59 | pnp dtr R1 100k 50V 100mA |
| 911 | PZM9.1NB1 | Phi | C | SOT346 | 9.1V 0.3W zener |
| 912 | PZM9.1NB2 | Phi | C | SOT346 | 9.1V 0.3W zener |
| 913 | PZM9.1NB3 | Phi | C | SOT346 | 9.1V 0.3W zener |
| 9A | FMMT2369AR | Zet | R | SOT23 | 2N2369A |
| 9A | DTA125TUA | Roh | N | SC70 | pnp dtr R1 200k 50V 100mA |
| 9A | DTA125TKA | Roh | N | SC59 | pnp dtr R1 200k 50V 100mA |
| 9A | PLVA650A | Phi | C | SOT23 | 5.0V avalanche reg diode |
| 9A1 | PZM9.1NB2A | Phi | A | SOT346 | dual ca 9.1V 0.3W zener |
| 9B | NJM79L03UA | NJR | KQR | SOT89 | 79L reg 3.0V 0.1A |
| 9B | PLVA653A | Phi | C | SOT23 | 5.3V avalanche reg diode |
| 9C | NJM79L05UA | NJR | KQR | SOT89 | 79L reg 5.0V 0.1A |
| 9C | PLVA656A | Phi | C | SOT23 | 5.6V avalanche reg diode |
| 9D | PLVA659A | Phi | C | SOT23 | 5.9V avalanche reg diode |
| 9E | NJM79L06UA | NJR | KQR | SOT89 | 79L reg 6.0V 0.1A |
| 9E | PLVA662A | Phi | C | SOT23 | 6.2V avalanche reg diode |
| 9F | PLVA665A | Phi | C | SOT23 | 6.5V avalanche reg diode |
| 9G | NJM79L08UA | NJR | KQR | SOT89 | 79L reg 8.0V 0.1A |
| 9G | PLVA668A | Phi | C | SOT23 | 6.8V avalanche reg diode |
| 9H | NJM79L09UA | NJR | KQR | SOT89 | 79L reg 9.0V 0.1A |
| 9J | PLVA2650A | Phi | A | SOT23 | dual ca 5.0V reg diode |
| 9K | NJM79L12UA | NJR | KQR | SOT89 | 79L reg 12V 0.1A |
| 9K | PLVA2653A | Phi | A | SOT23 | dual ca 5.3V reg diode |
| 9L | NJM79L15UA | NJR | KQR | SOT89 | 79L reg 15V 0.1A |
| 9L | PLVA2656A | Phi | A | SOT23 | >dual 5.60V reg diode |
| 9M | NJM79L18UA | NJR | KQR | SOT89 | 79L reg 18V 0.1A |
| 9M | PLVA2659A | Phi | A | SOT23 | dual ca 5.9V reg diode |
| 9N | PLVA2662A | Phi | A | SOT23 | dual ca 6.2V reg diode |
| 9O | PLVA2665A | Phi | A | SOT23 | dual ca 6.5V reg diode |
| 9P | NJM79L24UA | NJR | KQR | SOT89 | 79L reg 24V 0.1A |
| 9P | PLVA2668A | Phi | A | SOT23 | dual ca 6.8V reg diode |
| 9P | BCX70HR | Zet | R | SOT23 | BCX70H |
| 9R | FMMT2369R | Zet | R | SOT23 | 2N2369 |
| 9V1 | PZM9.1NB | Phi | C | SOT346 | 9.1V 0.3W zener |
| 9Y1 | BZV49-C9V1 | Phi | O | SOT89 | 9.1V 1W zener |

Codes beginning with 'A'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|------------------------|
| A | BA892 | Sie | I | SCD80 | 35V 100mA pin |
| A | 1SS355 | Roh | I | USM | 100V 50mA sw |
| A | MRF947 | Mot | N | SOT323 | npn RF 8 GHz |
| A0 | HSMS-2800 | HP | C | SOT23 | HP2800 schottky |
| A0 | HSMS-280B | HP | C | SOT323 | HP2800 schottky |
| A03 | VAM-03 | MC | AQ | - | modamp MAR 3 Similar |
| A06 | VAM-06 | MC | AQ | - | modamp MAR 6 Similar |

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|------------|------------|-----|----|--------|------------------------------|
| A07 | VAM-07 | MC | AQ | - | modamp MAR 7 Similar |
| A1 | HSMS-2801 | HP | K | - | HP2800 schottky |
| A1 | BAW56W | Phi | A | SOT323 | dual ca BAW62 (1N4148) |
| A1 | BAW56 | Phi | A | SOT23 | dual ca BAW62 (1N4148) |
| A1 | BAW56 | Phi | A | SOT23 | dual ca BAW62 (1N4148) |
| A1p | BAW56 | Phi | A | SOT23 | dual ca BAW62 (1N4148) |
| A1t | BAW56T | Phi | A | SOT416 | dual ca BAW62 (1N4148) |
| A1t | BAW56S | Phi | | SOT363 | dual ca BAW62 (1N4148) |
| A1s | BAW56W | Sie | A | SOT323 | dual ca BAW62 (1N4148) |
| A1s | BAW56 | Sie | A | SOT23 | dual ca BAW62 (1N4148) |
| A1s | BAW56U | Sie | A | SC74 | dual ca BAW62 (1N4148) |
| A1X | MBAW56 | Mot | A | - | ditto |
| A2 | HSMS-2802 | HP | D | SOT23 | dual HP2800 |
| A2 | HSMS-280C | HP | D | SOT323 | dual HP2800 |
| A2 | BAT18 | Phi | C | SOT23 | BA482 |
| A2s | BAT18 | Sie | C | SOT23 | BA482 |
| A2 | MMBD2836 | Mot | A | SOT23 | dual ca sw diode 75V |
| A2 | CFY30 | Sie | CQ | SOT143 | n-ch GaAsfet 6 GHz |
| A2 | MBT3906DW1 | Mot | DO | SOT363 | dual 2N3906 |
| A22 | BAS21 | Phi | C | SOD27 | BAV21 |
| A2X | MMBD2836 | Mot | A | SOT23 | dual ca sw 75V 100mA 15ns |
| A3 | BAP64-03 | Phi | I | SOD323 | 3 GHz pin diode |
| A3 | HSMS-2803 | HP | D | SOT23 | HP2800 ser pair |
| A3 | MMBD1005 | Mot | A | SOT23 | dual ca Si diode low leakage |
| A3 | BAS16 | Zet | C | - | Si sw 75V 100mA |
| A3 | BAT17 | Phi | C | SOT23 | BA481 |
| A3p | BAT17 | Phi | C | SOT23 | BA481 |
| A3t | BAT17 | Phi | C | SOT23 | BA481 |
| A3 | MBT3906DW | Mot | N | SOT363 | dual 2N3906 |
| A3X | MMBD2835 | Mot | A | SOT23 | dual ca sw 35V 100mA 15nS |
| A4 | HSMS-2804 | HP | B | SOT23 | dual cc HP2800 schottky |
| A4s | BAV70W | Sie | B | SOT323 | dual cc BAW62 |
| A4s | BAV70 | Sie | B | SOT23 | dual cc BAW62 |
| A4s | BAV70T | Sie | B | SOT416 | dual cc BAW62 |
| A4s | BAV70U | Sie | B | SC74 | dual cc BAW62 |
| A4 | BAV70W | Phi | B | SOT323 | dual cc BAW62 |
| A4p | BAV70 | Phi | B | SOT23 | dual cc BAW62 |
| A4t | BAV70 | Phi | B | SOT23 | dual cc BAW62 |
| A4t | BAV70 | Phi | B | SOT363 | dual cc BAW62 |
| A4X | MBAV70 | Mot | B | - | ditto |
| A5 | BAP51-03 | Phi | I | SOD323 | GP RF pin diode |
| A5p | BRY61 | Phi | - | SOT143 | - |
| A5t | BRY61 | Phi | - | SOT143 | - |
| A5 | HSMS-2805 | HP | S | SOT143 | dual HP2800 schottky |
| A5 | MMBD1010 | Mot | B | SOT23 | dual cc Si diodes |
| A5 | MMBD2837 | Mot | B | SOT23 | dual cc diodes 30V 150mA |
| A6s | BAS16W | Sie | C | SOT323 | BAW62 (1N4148) |
| A6s | BAS16 | Sie | C | SOT23 | BAW62 (1N4148) |
| A6s | BAS16U | Sie | C | SC74 | BAW62 (1N4148) |
| A6 | BAS16W | Phi | C | SOT323 | BAW62 (1N4148) |
| A6p | BAS16 | Phi | C | SOT23 | BAW62 (1N4148) |
| A6t | BAS16 | Phi | C | SOT23 | BAW62 (1N4148) |
| A6 | BAS16T | Phi | C | SOT416 | BAW62 (1N4148) |
| A6 | BAS216 | Phi | I | SOD110 | BAW62 (1N4148) |
| A6p | BAS316 | Phi | I | SOD323 | BAW62 (1N4148) |
| A6 | MMBD2836 | Mot | B | SOT23 | dual sw diode cc 75V |
| A6A | MMUN2111 | Mot | N | SOT23 | pnP dtr 10k+10k |
| A6B | MMUN2112 | Mot | N | SOT23 | pnP dtr 22k+22k |
| A6C | MMUN2113 | Mot | N | SOT23 | pnP dtr 47k+47k |
| A6D | MMUN2114 | Mot | N | SOT23 | pnP dtr 100k+100k |
| A6E | MMUN2115 | Mot | N | SOT23 | pnP dtr R1 10k |
| A6F | MMUN2116 | Mot | N | SOT23 | pnP dtr R1 4k7 |
| A6G | MMUN2130 | Mot | N | SOT23 | pnP dtr 1k0+1k0 |
| A6H | MMUN2131 | Mot | N | SOT23 | pnP dtr 2k2+2k2 |
| A6J | MMUN2132 | Mot | N | SOT23 | pnP dtr 4k7+4k7 |

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|------|---------------|-----|-----|---------|---|
| A6K | MMUN2133 | Mot | N | SOT23 | pnp dtr 4k7+47k |
| A6L | MMUN2134 | Mot | N | SOT23 | pnp dtr 22k+47k |
| A6X | MMBD2838 | Mot | B | SOT23 | dual sw 50V 100mA |
| A7s | BAV99 | Sie | D | SOT23 | dual ser BAW92 |
| A7s | BAV99W | Sie | D | SOT323 | dual ser BAW92 |
| A7s | BAV99T | Sie | D | SC75 | dual ser BAW92 |
| A7s | BAV99U | Sie | D | SC74 | dual ser BAW92 |
| A7 | BAV99W | Phi | D | SOT323 | dual ser BAW92 |
| A7 | BAV99 | Phi | D | SOT23 | dual ser BAW92 |
| A7 | HSMS-2807 | HP | RQ | SOT143 | HP2800 ring quad |
| A8 | HSMS-2808 | HP | BQ | SOT143 | HP2800 bridge quad |
| A8 | BAP50-03 | Phi | I | SOD323 | GP RF pin diode |
| A8 | BAS19 | Phi | C | SOT23 | BAV19 |
| A8 | SI2308DS | Sil | M | SOT23 | N-ch mosfet, 60V 0.1A |
| A8A | MMUN2211 | Mot | N | SOT23 | npn dtr 10k +10k |
| A8B | MMUN2212 | Mot | N | SOT23 | npn dtr 22k +22k |
| A8C | MMUN2213 | Mot | N | SOT23 | npn dtr 47k+47k |
| A8D | MMUN2214 | Mot | N | SOT23 | npn dtr 100k+100k |
| A8E | MMUN2215 | Mot | N | SOT23 | npn dtr R1 10k |
| A8F | MMUN2216 | Mot | N | SOT23 | npn dtr R1 4k7 |
| A8G | MMUN2230 | Mot | N | SOT23 | npn dtr 1k0 +1k0 |
| A8H | MMUN2231 | Mot | N | SOT23 | npn dtr 2k2+2k2 |
| A8J | MMUN2232 | Mot | N | SOT23 | npn dtr 4k7+4k7 |
| A8K | MMUN2233 | Mot | N | SOT23 | npn dtr 4k7+47k |
| A8L | MMUN2234 | Mot | N | SOT23 | npn dtr 22k+47k |
| A9 | SI2309DS | Sil | M | SOT23 | P-ch mosfet, 60V 0.1A |
| A11 | MMBD1501A | Fch | C | SOT23 | 180V 200mA diode |
| A13 | MMBD1503A | Fch | D | SOT23 | 180V 200mA dual diode series |
| A14 | MMBD1504A | Fch | B | SOT23 | 180V 200mA dual diode cc |
| A15 | MMBD1505A | Fch | A | SOT23 | 180V 200mA dual diode ca |
| A16 | ZC934A | Zet | C | SOT23 | 25-95pF hyperabrupt varicap |
| A17 | ZC933A | Zet | C | SOT23 | 12-42pF hyperabrupt varicap |
| A51 | BRY62 | Phi | - | SOT143 | - |
| A81 | BAS20 | Phi | C | SOT23 | BAV20 |
| A82 | BAS21 | Phi | C | SOT23 | BAV21 |
| A91 | BAS17 | Phi | C | SOT23 | BA314 |
| AA | BCX51 | Sie | P | SOT89 | pnp 45V audio comp BCX54 |
| AA | BCW60A | TT | N | SOT23 | BCY58-vii |
| AA | ZMV829A | Zet | I | SOD323 | varicap hyperabrupt 28V 8.2pF@2V |
| AAs | BCW60A | Sie | N | SOT23 | BCY58-vii |
| AAA | MMBF4856 | Mot | F | SOT23 | 2N4856 n-ch chopper jfet |
| AAA | MAX809LXR | MAX | ZB | SOT23 | microproc -ve reset gen 5.0V |
| AAAX | MAX2470 | MAX | DT | SOT23-6 | VCO Buffer Amplifiers |
| AAAY | MAX2471 | MAX | DT | SOT23-6 | VCO Buffer Amplifiers |
| AAG | MMBR951AL | Mot | N | SOT23 | npn RF 8GHz |
| AAH | MAX6326_R22-T | Max | ZB | SC70 | microproc -ve reset gen 2.200V |
| AAI | MAX6327_R22-T | Max | ZB | SC70 | microproc +ve reset gen 2.200V |
| AAJ | MAX6328_R22-T | Max | ZB | SC70 | microproc -ve reset gen 2.200V |
| AAK | MAX6410BS33-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.300 V / Push-Pull,Active-High) |
| AAL | MAX6410BS34-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.400 V / Push-Pull,Active-High) |
| AAM | MAX6410BS35-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.500 V / Push-Pull,Active-High) |
| AAN | MAX6410BS36-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.600 V / Push-Pull,Active-High) |
| AAN | MAX809LXR | Max | ZB | SC70 | microproc -ve reset gen 5.0V |
| AAO | MAX6410BS37-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.700 V / Push-Pull,Active-High) |
| AAO | MAX809MXR | Max | ZB | SC70 | microproc -ve reset gen 5.0V |
| AAP | MAX6410BS38-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.800 V / Push-Pull,Active-High) |
| AAP | MAX809TXR | Max | ZB | SC70 | microproc -ve reset gen 3.3V |
| AAQ | MAX6410BS39-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.900 V / Push-Pull,Active-High) |
| AAQ | MAX809SXR | Max | ZB | SC70 | microproc -ve reset gen 3.3V |
| AAR | MAX6410BS40-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.000 V / Push-Pull,Active-High) |
| AAR | MAX809RXR | Max | ZB | SC70 | microproc -ve reset gen 3.0V |
| AAS | MAX6410BS41-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.100 V / Push-Pull,Active-High) |
| AAS | MAX803ZXR | Max | ZB | SC70 | microproc -ve reset gen 2.5V |
| AAT | MAX6410BS42-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.200 V / Push-Pull,Active-High) |

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|------|----------------|-----|-----|--------|---|
| AAT | MAX810LXR | Max | ZB | SC70 | microproc +ve reset gen 5.0V |
| AAU | MAX6410BS43-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.300 V / Push-Pull,Active-High) |
| AAU | MAX810MXR | Max | ZB | SC70 | microproc +ve reset gen 5.0V |
| AAV | MAX6410BS44-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.380 V / Push-Pull,Active-High) |
| AAV | MAX810TXR | Max | ZB | SC70 | microproc +ve reset gen 3.3V |
| AAW | MAX6410BS45-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.500 V / Push-Pull,Active-High) |
| AAW | MAX810RXR | Max | ZB | SC70 | microproc +ve reset gen 3.0V |
| AAX | MAX6410BS46-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.630 V / Push-Pull,Active-High) |
| AAX | MAX810SXR | Max | ZB | SC70 | microproc +ve reset gen 3.3V |
| AAZ | MAX6411BS33-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.300 V/Open Drain,Active-Low) |
| AAZ | MAX810ZXR | Max | ZB | SC70 | microproc +ve reset gen 2.5V |
| AAZ | MAX6411BS34-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.400 V/Open Drain,Active-Low) |
| AAZ | MAX803LXR | Max | ZB | SC70 | microproc -ve reset gen 5.0V |
| AB | BCW60B | ITT | N | SOT23 | BCY58-viii |
| AB | ZMV830A | Zet | I | SOD323 | varicap hyperabrupt 28V 10pF@2V |
| ABs | BCW60B | Sie | N | SOT23 | BCY58-viii |
| ABp | BCW60B | Phi | N | SOT23 | BCY58-viii |
| ABt | BCW60B | Phi | N | SOT23 | BCY58-viii |
| ABA | MAX6411BS35-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.500 V/Open Drain,Active-Low) |
| ABA | MAX803TXR | Max | ZB | SC70 | microproc -ve reset gen 5.0V |
| ABAA | MAX809MXR | Max | ZB | SOT23 | microproc -ve reset gen 5.0V |
| ABB | MAX6411BS36-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.600 V/Open Drain,Active-Low) |
| ABB | MAX803MXR | Max | ZB | SC70 | microproc -ve reset gen 3.3V |
| ABC | MAX6411BS37-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.700 V/Open Drain,Active-Low) |
| ABC | MAX803SXR | Max | ZB | SC70 | microproc -ve reset gen 3.3V |
| ABD | MAX6411BS38-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.800 V/Open Drain,Active-Low) |
| ABD | MAX803RXR | Max | ZB | SC70 | microproc -ve reset gen 3.0V |
| ABE | MAX6411BS39-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.900 V/Open Drain,Active-Low) |
| ABE | MAX803ZXR | Max | ZB | SC70 | microproc -ve reset gen 2.5V |
| ABF | MAX6411BS40-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.000 V/Open Drain,Active-Low) |
| ABF | LM4041AIX3-1.2 | Max | L | SC70 | 1.225V 0.1% shunt V ref |
| ABG | MAX6411BS41-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.100 V/Open Drain,Active-Low) |
| ABG | LM4041BIX3-1.2 | Max | L | SC70 | 1.225V 0.2% shunt V ref |
| ABH | MAX6411BS42-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.200 V/Open Drain,Active-Low) |
| ABH | LM4041DIX3-1.2 | Max | L | SC70 | 1.225V 0.5% shunt V ref |
| ABI | MAX6411BS43-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.300 V/Open Drain,Active-Low) |
| ABI | LM4041DIX3-1.2 | Max | L | SC70 | 1.225V 1.5% shunt V ref |
| ABJ | MAX6411BS44-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.380 V/Open Drain,Active-Low) |
| ABJ | LM4040AIX3-2.1 | Max | L | SC70 | 2.048V 0.1% shunt V ref |
| ABK | MAX6411BS45-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.500 V/Open Drain,Active-Low) |
| ABK | LM4040BIX3-2.1 | Max | L | SC70 | 2.048V 0.2% shunt V ref |
| ABL | MAX6411BS46-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.640 V/Open Drain,Active-Low) |
| ABL | LM4040CIX3-2.1 | Max | L | SC70 | 2.048V 0.5% shunt V ref |
| ABM | LM4040DIX3-2.1 | Max | L | SC70 | 2.048V 1% shunt V ref |
| ABN | LM4040AIX3-2.5 | Max | L | SC70 | 2.5001% shunt V ref |
| ABO | LM4040BIX3-2.5 | Max | L | SC70 | 2.500V 0.2% shunt V ref |
| ABP | LM4040CIX3-2.5 | Max | L | SC70 | 2.500V 0.5% shunt V ref |
| ABQ | LM4040DIX3-2.5 | Max | L | SC70 | 2.500V 1% shunt V ref |
| ABR | LM4040AIX3-3.0 | Max | L | SC70 | 3.000V 0.1% shunt V ref |
| ABS | LM4040BIX3-3.0 | Max | L | SC70 | 3.000V 0.2% shunt V ref |
| ABT | LM4040CIX3-3.0 | Max | L | SC70 | 3.000V 0.5% shunt V ref |
| ABU | LM4040DIX3-3.0 | Max | L | SC70 | 3.000V 1% shunt V ref |
| ABV | LM4040AIX3-4.1 | Max | L | SC70 | 4.096V 0.1% shunt V ref |
| ABW | LM4040BIX3-4.1 | Max | L | SC70 | 4.096V 0.2% shunt V ref |
| ABX | LM4040CIX3-4.1 | Max | L | SC70 | 4.096V 0.5% shunt V ref |
| ABY | LM4040DIX3-4.1 | Max | L | SC70 | 4.096V 1% shunt V ref |
| ABZ | LM4040AIX3-5.0 | Max | L | SC70 | 5.000V 0.1% shunt V ref |
| AC | BCX51-100 | Sie | P | SOT89 | 45V pnp audio hfe 100 |
| AC | BCX51-10 | Phi | P | SOT89 | 45V pnp audio hfe 100 |
| AC | BCW60C | Phi | N | SOT23 | BCY58-ix |
| AC | ZMV831A | Zet | I | SOD323 | varicap hyperabrupt 28V 15pF@2V |
| ACs | BCW60C | Sie | N | SOT23 | BCY58-ix |
| ACp | BCW60C | Phi | N | SOT23 | BCY58-ix |
| ACt | BCW60C | Phi | N | SOT23 | BCY58-ix |
| ACA | LM4040BIX3-5.0 | Max | L | SC70 | 5.000V 0.2% shunt V ref |

| | | | | | |
|------|-----------------|-----|-----|--------|--|
| ACAA | MAX809TXR | Max | ZB | SOT23 | microproc -ve reset gen 3.3V |
| ACB | LM4040CIX3-5.0 | Max | L | SC70 | 5.000V 0.5% shunt V ref |
| ACC | LM4040DIX3-5.0 | Max | L | SC70 | 5.000V 1% shunt V ref |
| ACE | MAX6326_R31-T | Max | ZB | SC70 | microproc -ve reset gen 3.080V |
| ACF | MAX6347_R46-T | Max | ZB | SC70 | microproc +ve reset gen 4.630V |
| ACH | MAX6326_R23-T | Max | ZB | SC70 | microproc -ve reset gen 2.320V |
| ACI | MAX6326_R26-T | Max | ZB | SC70 | microproc -ve reset gen 2.630V |
| ACJ | MAX6328_R26-T | Max | ZB | SC70 | microproc -ve reset gen 2.630V |
| ACK | MAX6346_R44-T | Max | ZB | SC70 | microproc -ve reset gen 4.380V |
| ACL | MAX6347_R44-T | Max | ZB | SC70 | microproc +ve reset gen 4.380V |
| ACM | MAX6348_R46-T | Max | ZB | SC70 | microproc -ve reset gen 4.630V |
| ACN | MAX6348_R44-T | Max | ZB | SC70 | microproc -ve reset gen 4.380V |
| ACO | MAX6346_R46-T | Max | ZB | SC70 | microproc -ve reset gen 4.630V |
| ACP | MAX6326_R29-T | Max | ZB | SC70 | microproc -ve reset gen 2.930V |
| ACQ | MAX6327_R23-T | Max | ZB | SC70 | microproc +ve reset gen 2.320V |
| ACR | MAX6327_R26-T | Max | ZB | SC70 | microproc +ve reset gen 2.630V |
| ACS | MAX6327_R29-T | Max | ZB | SC70 | microproc +ve reset gen 2.930V |
| ACT | MAX6327_R31-T | Max | ZB | SC70 | microproc +ve reset gen 3.080V |
| ACU | MAX6328_R23-T | Max | ZB | SC70 | microproc -ve reset gen 2.320V |
| ACV | MAX6328_R29-T | Max | ZB | SC70 | microproc -ve reset gen 2.930V |
| ACW | MAX6326_R31-T | Max | ZB | SC70 | microproc -ve reset gen 3.080V |
| AD | BCX51-160 | Sie | P | SOT89 | 45V pnp audio hfe 160 |
| AD | BCX51-16 | Phi | P | SOT89 | 45V pnp audio hfe 160 |
| AD | BCW60D | Phi | N | SOT23 | BCY58-x |
| AD | ZMV832A | Zet | I | SOD323 | varicap hyperabrupt 28V 22pF@2V |
| ADs | BCW60D | Sie | N | SOT23 | BCY58-x |
| ADp | BCW60D | Phi | N | SOT23 | BCY58-x |
| ADt | BCW60D | Ph | N | SOT23 | BCY58-x |
| ADAA | MAX809SXR | Max | ZB | SOT23 | microproc -ve reset gen 3.3V |
| ADN | 2SC3838K | Roh | N | - | npn 11V 3.2GHz TV tuners |
| ADW | MAX6406BS22-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.200 V / Push-Pull, Active-Low) |
| ADX | MAX6406BS23-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.320 V / Push-Pull, Active-Low) |
| ADY | MAX6406BS24-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.400 V / Push-Pull, Active-Low) |
| ADZ | MAX6406BS25-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.500 V / Push-Pull, Active-Low) |
| AE | BCX52 | Sie | P | SOT89 | pnp 60V audio comp BCX55 |
| AE | ZMV833A | Zet | I | SOD323 | varicap hyperabrupt 28V 33pF@2V |
| AEA | MAX6406BS26-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.630 V / Push-Pull, Active-Low) |
| AEB | MAX6406BS27-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.700 V / Push-Pull, Active-Low) |
| AEC | MAX6406BS28-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.800 V / Push-Pull, Active-Low) |
| AED | MAX6406BS29-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.930 V / Push-Pull, Active-Low) |
| AEE | MAX6406BS30-T | MAX | UC4 | UCSP-4 | Volt. Detect. (3.000 V / Push-Pull, Active-Low) |
| AEF | MAX6406BS31-T | MAX | UC4 | UCSP-4 | Volt. Detect. (3.080 V / Push-Pull, Active-Low) |
| AEG | MAX6407BS22-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.200 V / Push-Pull, Active-High) |
| AEH | MAX6407BS23-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.300 V / Push-Pull, Active-High) |
| AEI | MAX6407BS24-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.400 V / Push-Pull, Active-High) |
| AEJ | MAX6407BS25-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.500 V / Push-Pull, Active-High) |
| AEK | MAX6407BS26-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.630 V / Push-Pull, Active-High) |
| AEL | MAX6407BS27-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.700 V / Push-Pull, Active-High) |
| AEM | MAX6407BS28-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.800 V / Push-Pull, Active-High) |
| AEN | MAX6407BS29-T | MAX | UC4 | UCSP-4 | Volt. Detect. (2.930 V / Push-Pull, Active-High) |
| AEN | 2SC3839K | Roh | N | - | npn 20V 2.0GHz TV tuners |
| AEO | MAX6407BS30-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.000 V / Push-Pull,Active-High) |
| AEP | MAX6407BS31-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.000 V / Push-Pull,Active-High) |
| AEQ | MAX6408BS22-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.200 V/Open Drain,Active-Low) |
| AER | MAX6408BS23-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.320 V/Open Drain,Active-Low) |
| AES | MAX6408BS24-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.400 V/Open Drain,Active-Low) |
| AET | MAX6408BS25-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.500 V/Open Drain,Active-Low) |
| AEU | MAX6408BS26-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.630 V/Open Drain,Active-Low) |
| AEV | MAX6408BS27-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.700 V/Open Drain,Active-Low) |
| AEW | MAX6138AEXR12-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 1.2205 V / 0.1%) |
| AEW | MAX6408BS28-T | Max | UC4 | SC70-3 | Volt. Detect. (2.800 V/Open Drain,Active-Low) |
| AEX | MAX6138BEXR12-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 1.2205 V / 0.2%) |
| AEX | MAX6408BS29-T | Max | UC4 | UCSP-4 | Volt. Detect. (2.930 V/Open Drain,Active-Low) |
| AEY | MAX6138CEXR12-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 1.2205 V / 0.5%) |
| AEY | MAX6408BS30-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.000 V/Open Drain,Active-Low) |

| | | | | | |
|-------------|-----------------|-----|-----|--------|---|
| AEZ | MAX6408BS31-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.080 V/Open Drain,Active-Low) |
| AF | ZMV834A | Zet | I | SOD323 | varicap hyperabrupt 28V 47pF@2V |
| AFs | BCW60FF | Sie | N | SOT23 | BCY58 |
| AFA | MAX6138AEXR21-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.0480 V / 0.1%) |
| AFA | MAX6409BS33-T | Max | - | UCSP-4 | Volt. Detect. (3.300 V / Push-Pull, Active-Low) |
| AFAA | MAX809R XR | Max | ZB | SOT23 | microproc -ve reset gen 3.0V |
| AFB | MAX6138BEXR21-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.0480 V / 0.2%) |
| AFB | MAX6409BS34-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.400 V / Push-Pull, Active-Low) |
| AFC | MAX6138CEXR21-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.0480 V / 0.5%) |
| AFC | MAX6409BS35-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.500 V / Push-Pull, Active-Low) |
| AFD | MAX6409BS36-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.600 V / Push-Pull, Active-Low) |
| AFE | MAX6138AEXR25-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.5000 V / 0.1%) |
| AFE | MAX6409BS37-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.700 V / Push-Pull, Active-Low) |
| AFF | MAX6138BEXR25-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.5000 V / 0.2%) |
| AFF | MAX6409BS38-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.800 V / Push-Pull, Active-Low) |
| AFG | MAX6138CEXR25-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 2.5000 V / 0.5%) |
| AFG | MAX6409BS39-T | Max | UC4 | UCSP-4 | Volt. Detect. (3.900 V / Push-Pull, Active-Low) |
| AFH | MAX6409BS40-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.000 V / Push-Pull, Active-Low) |
| AFI | MAX6138AEXR30-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 3.0000 V / 0.1%) |
| AFI | MAX6409BS41-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.100 V / Push-Pull, Active-Low) |
| AFJ | MAX6138BEXR30-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 3.0000 V / 0.2%) |
| AFJ | MAX6409BS42-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.200 V / Push-Pull, Active-Low) |
| AFK | MAX6138CEXR30-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 3.0000 V / 0.5%) |
| AFK | MAX6409BS43-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.300 V / Push-Pull, Active-Low) |
| AFL | MAX6409BS44-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.380 V / Push-Pull, Active-Low) |
| AFM | MAX6138AEXR41-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 4.0960 V / 0.1%) |
| AFM | MAX6409BS45-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.500 V / Push-Pull, Active-Low) |
| AFN | MAX6138BEXR41-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 4.0960 V / 0.2%) |
| AFN | MAX6409BS46-T | Max | UC4 | UCSP-4 | Volt. Detect. (4.630 V / Push-Pull, Active-Low) |
| AFO | MAX6138CEXR41-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 4.0960 V / 0.5%) |
| AFQ | MAX6138AEXR50-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 5.0000 V / 0.1%) |
| AFR | MAX6138BEXR50-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 5.0000 V / 0.2%) |
| AFS | MAX6138CEXR50-T | Max | L | SC70-3 | Shunt Voltage Ref. (output 5.0000 V / 0.5%) |
| AG | ZMV835A | Zet | I | SOD323 | varicap hyperabrupt 28V 68pF@2V |
| AG | BCX70G | Phi | N | SOT23 | BCY59-vii BC107 |
| AGs | BCX70G | Sie | N | SOT23 | BCY59-vii BC107 |
| AGp | BCX70G | Phi | N | SOT23 | BCY59-vii BC107 |
| AGt | BCX70G | Phi | N | SOT23 | BCY59-vii BC107 |
| AG | BCX52-10 | Sie | P | SOT89 | 60V pnp BCX52 hfe 100 |
| AGAA | MAX810LXR | Max | ZB | SOT23 | microproc +ve reset gen 5.0V |
| AH | BCX70H | Phi | N | SOT23 | BCY59-viii BC107B |
| AHs | BCX70H | Sie | N | SOT23 | BCY59-viii BC107B |
| AHp | BCX70H | Phi | N | SOT23 | BCY59-viii BC107B |
| AHt | BCX70H | Phi | N | SOT23 | BCY59-viii BC107B |
| AH | BCP53 | Mot | P | SOT223 | pnp amp 80V 150mA |
| AH | BCX53 | Sie | P | SOT89 | pnp 80V audio comp BCX56 |
| AH | ZMV930 | Zet | I | SOD323 | 2.9-8.3pF hyperabrupt varicap |
| AHAA | MAX810MXR | Max | ZB | SOT23 | microproc +ve reset gen 5.0V |
| AJ | BCX70J | Phi | N | SOT23 | BCY59-ix BC107 |
| AJ s | BCX70J | Sie | N | SOT23 | BCY59-ix BC107 |
| AJp | BCX70J | Phi | N | SOT23 | BCY59-ix BC107 |
| AJt | BCX70J | Phi | N | SOT23 | BCY59-ix BC107 |
| AJ | ZMV931 | Zet | I | SOD323 | 4 -13.5pF hyperabrupt varicap |
| AJAA | MAX810TXR | MAX | ZB | SOT23 | microproc +ve reset gen 3.3V |
| AK | BCX70K | Phi | N | SOT23 | BCY59-x BC107 |
| AK | ZMV932 | Zet | I | SOD323 | 5.5-17pF hyperabrupt varicap |
| AKs | BCX70K | Sie | N | SOT23 | BCY59-x BC107 |
| AKp | BCX70K | Phi | N | SOT23 | BCY59-x BC107 |
| AKp | BCX70K | Phi | N | SOT23 | BCY59-x BC107 |
| AK | BCX53-10 | Sie | P | SOT89 | pnp 80V BCX53 hfe 100 |
| AKAA | MAX810SXR | MAX | ZB | SOT23 | microproc +ve reset gen 3.3V |
| AL | BCX53-16 | Sie | P | SOT89 | 80V pnp BCX53 hfe 100 |
| AL | MMBTA55L | Mot | N | SOT23 | pnp 25V (MPSA55) |
| AL | ZMV933 | Zet | I | SOD323 | 12-42pF hyperabrupt varicap |
| ALs | BFP405 | Sie | MQ | SOT343 | - |

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|------|-----------|-----|----|--------|-------------------------------|
| ALAA | MAX810SXR | MAX | ZB | SOT23 | microproc +ve reset gen 3.0V |
| AM | MMBT3904W | Mot | N | SOT323 | 2N3904 |
| AM | BCX52-16 | Sie | P | SOT89 | npn 60V BCX52 hfe 160 |
| AMs | BFP420 | Sie | MQ | SOT343 | npn fT 25GHz 4.5V 35mA |
| AM | BSS64 | Mot | N | SOT23 | npn 80V 0.1A fT 60MHz |
| AMs | BSS64 | Sie | N | SOT23 | npn 80V 0.1A fT 60MHz |
| AMp | BSS64 | Phi | N | SOT23 | npn 80V 0.1A fT 60MHz |
| AMt | BSS64 | Phi | N | SOT23 | npn 80V 0.1A fT 60MHz |
| AM | ZMV933A | Zet | I | SOD323 | 12-42pF hyperabrupt varicap |
| AN | BCW60FN | Sie | N | SOT23 | gp npn 35V 0.2A |
| ANs | BFP450 | Sie | MQ | SOT343 | npn fT 25GHz 4.5V 100mA |
| AN | ZMV934 | Zet | I | SOD323 | 25-95pF hyperabrupt varicap |
| AO | BCW60AR | ITT | R | SOT23R | BCY58-vii |
| AO | ZMV934A | Zet | I | SOD323 | 25-95pF hyperabrupt varicap |
| AP | BCW60BR | ITT | R | SOT23R | BCY58-viii |
| APs | BFP520 | Sie | MQ | SOT343 | npn fT 40GHz 2.5V 40mA |
| A-Q | 2PD1820AQ | Phi | N | SOT323 | gp sw amp 50V npn hfe 85-170 |
| AtQ | 2PD1820AQ | Phi | N | SOT323 | gp sw amp 50V npn hfe 85-170 |
| AR | BCW60CR | ITT | R | SOT23R | BCY58-ix |
| AR | MSD709R | Mot | N | - | npn gp 25V |
| AR1 | BSR40 | Phi | P | SOT89 | npn 70V 1A 1.35W hfe 40-120 |
| AR2 | BSR41 | Phi | P | SOT89 | npn 70V 1A 1.35W hfe 100-300 |
| AR3 | BSR42 | Phi | P | SOT89 | npn 90V 1A 1.35W hfe 40-120 |
| AR4 | BSR43 | Phi | P | SOT89 | npn 90V 1A 1.35W hfe 100-300 |
| A-Q | 2PD1820AR | Phi | N | SOT323 | gp sw amp 50V npn hfe 120-240 |
| AtQ | 2PD1820AR | Phi | N | SOT323 | gp sw amp 50V npn hfe 120-240 |
| A-S | 2PD1820AS | Phi | N | SOT323 | gp sw amp 50V npn hfe 170-340 |
| AtS | 2PD1820AS | Phi | N | SOT323 | gp sw amp 50V npn hfe 170-340 |
| AS | BCW60DR | ITT | R | SOT23R | BCY58-x |
| AS | MSD709S | Mot | N | - | npn gp 25V |
| ASs | BAT18-05 | Sie | B | SOT23 | dual BAT18 RF pin |
| AS1 | BST50 | Mot | P | SOT89 | npn darlington 0.5A 60V |
| AS2 | BST51 | Mot | P | SOT89 | npn darlington 0.5A 80V |
| AS3 | BST52 | Mot | P | SOT89 | npn darlington 0.5A 90V |
| AS3 | BSP52 | Mot | P | SOT223 | npn darlington 0.5A hfe 2000 |
| ATs | BAT18-06 | Sie | A | SOT23 | dual ca BAT18 RF pin |
| ATs | BFP540 | Sie | MQ | SOT343 | npn microwave |
| AUs | BAT18-04 | Sie | D | SOT23 | dual BAT18 RF pin |
| AU | BCW60GR | ITT | R | SOT23R | BCY58 |
| AV | DAN212K | Roh | C | - | 80V 100mA sw |
| AW | BCW60HR | ITT | R | SOT23R | BCY58 |
| AX | BCX70JR | ITT | R | SOT23R | BCY59-ix |
| AY | BCX70KR | ITT | R | SOT23R | BCY59-x |
| AY | MMBD1000 | Mot | C | SOT23 | Si sw diode 30V 0.2A |

Codes beginning with 'B'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|------------|--------------|------|---------|------------------------|
| B | MRF957 | Mot | N | SOT323 | npn RF fT 9GHz |
| B | BAS16-03W | Sie | I | SOD323 | Varicap 18pF 1V |
| B | BB555 | Sie | I | SCD80 | Varicap 18pF 1V |
| B0 | BZX399C4V3 | Phi | I | SOD323 | 4.3V 0.3W zener |
| B0 | HSMS-2810 | HP | C | SOT23 | HP2810 schottky |
| B0 | HSMS-281B | HP | C | SOT323 | HP2810 schottky |
| B08 | SST6908 | Sil | ZQ | - | 2N6908 prot n-ch jfet |
| B09 | SST6909 | Sil | ZQ | - | 2N6909 prot n-ch jfet |
| B1 | BZX399C1V8 | Phi | I | SOD323 | 1.8V 0.3W zener |
| B1 | HSMS-2811 | HP | K | SOT23 | HP2811 schottky |
| B1 | BAS40 | Mot | C | SOT23 | schottky sw diode |
| B10 | SST6910 | Sil | ZQ | - | 2N6910 prot n-ch jfet |
| B2 | BZX399C2V0 | Phi | I | SOD323 | 2.0V 0.3W zener |
| B2 | BSV52 | Phi | N | SOT23 | BSX20 12V fT 400MHz sw |
| B2p | BSV52 | Phi | N | SOT23 | BSX20 12V fT 400MHz sw |
| B2t | BSV52 | Phi | N | SOT23 | BSX20 12V fT 400MHz sw |

| | | | | | |
|------------|------------|---------|----|--------|--------------------------|
| B2 | HSMS-2812 | HP | D | SOT23 | dual HP2810 schottky |
| B2 | HSMS-281C | HP | D | SOT323 | dual HP2810 schottky |
| B3 | BZX399C2V2 | Phi | I | SOD323 | 2.2V 0.3W zener |
| B3 | HSMS-2813 | HP | A | SOT23 | dual ca HP2810 schottky |
| B3 | MMBD717L | Mot | A | SOT323 | dual ca schottky |
| B4 | BZX399C2V4 | Phi | I | SOD323 | 2.4V 0.3W zener |
| B4 | BSV52R | Phi | R | SOT23R | BSX20 |
| B4 | HSMS-2814 | HP | B | SOT23 | dual cc HP2810 schottky |
| B5 | BZX399C2V7 | Phi | I | SOD323 | 2.7V 0.3W zener |
| B5 | HSMS-2815 | HP | S | SOT143 | dual HP2810 schottky |
| B6 | BZX399C3V0 | Phi | I | SOD323 | 3.0V 0.3W zener |
| B6 | BAT54A | Mot | A | SOT23 | dual ca 30V schottky |
| B7 | BZX399C3V3 | Phi | I | SOD323 | 3.3V 0.3W zener |
| B7 | HSMS-2817 | HP | RQ | SOT143 | HP2810 ring quad |
| B8 | BZX399C3V6 | Phi | I | SOD323 | 3.6V 0.3W zener |
| B8 | HSMS-2818 | HP | BQ | SOT143 | HP2810 bridge quad |
| B9 | BZX399C3V9 | Phi | I | SOD323 | 3.9V 0.3W zener |
| B9 | 2SC4617 | Mot | N | SC90 | npn gp |
| B26 | BF570 | Phi | | SOT23 | - |
| BA | BCX54 | Sie | P | SOT89 | npn AF 45V comp BCX51 |
| BA | BCW61A | Phi | N | SOT23 | BCY78-vii |
| BAp | BCW61A | Phi | N | SOT23 | BCY78-vii |
| BAt | BCW61A | Phi | N | SOT23 | BCY78-vii |
| BA | DAN217 | Roh | D | - | 80V 100mA dual |
| BA | BZX399C4V7 | Phi | I | SOD323 | 4.7V 0.3W zener |
| BB | BCW61B | Phi | N | SOT23 | BCY78-viii |
| BBs | BCW61B | Sie | N | SOT23 | BCY78-viii |
| BBp | BCW61B | Phi | N | SOT23 | BCY78-viii |
| BBt | BCW61B | Phi | N | SOT23 | BCY78-viii |
| BB | BAR81 | Sie | NQ | SOT143 | Dual pin shunt switch |
| BB | BZX399C5V1 | Phi | I | SOD323 | 5.1V 0.3W zener |
| BBs | BAR81W | Sie | NQ | SOT343 | Dual pin shunt switch |
| BC | BCW61C | Phi | N | SOT23 | BCY78-ix |
| BCs | BCW61C | Sie | N | SOT23 | BCY78-ix |
| BC | BCX54-10 | Sie Phi | P | SOT89 | npn hfe100 |
| BC | BZX399C5V6 | Phi | I | SOD323 | 5.6V 0.3W zener |
| BCp | BCW61C | Phi | N | SOT23 | BCY78-ix |
| BCt | BCW61C | Phi | N | SOT23 | BCY78-ix |
| BD | BCW61D | Phi | N | SOT23 | BCY78-x |
| BDs | BCW61D | Sie | N | SOT23 | BCY78-x |
| BDp | BCW61D | Phi | N | SOT23 | BCY78-x |
| BDt | BCW61D | Phi | N | SOT23 | BCY78-x |
| BD | BCX54-16 | Sie | P | SOT89 | npn hfe160 comp BCX51-16 |
| BD | BZX399C6V2 | Phi | I | SOD323 | 6.2V 0.3W zener |
| BD | ZHCS400 | Zet | E | SOT23 | 40V 0.4A schottky diode |
| BE | BAS70 | Mot | C | SOT23 | schottky sw diode |
| BE | BCX55 | Sie | P | SOT89 | npn AF 60V comp BCX52 |
| BE | BZX399C6V8 | Phi | I | SOD323 | 6.8V 0.3W zener |
| BF | BCW61FF | Sie | N | SOT23 | low noise BCW61 |
| BF | BZX399C7V5 | Phi | I | SOD323 | 7.5V 0.3W zener |
| BG | BCX71G | Phi | N | SOT23 | BCY79-vii |
| BGs | BCX71G | Sie | N | SOT23 | BCY79-vii |
| BGp | BCX71G | Phi | N | SOT23 | BCY79-vii |
| BGt | BCX71G | Phi | N | SOT23 | BCY79-vii |
| BG | BCX55-10 | Sie Phi | P | SOT89 | npn hfe 100 |
| BG | BZX399C8V2 | Phi | I | SOD323 | 8.2V 0.3W zener |
| BH | BCX71H | Phi | N | SOT23 | BCY79-viii |
| BHs | BCX71H | Sie | N | SOT23 | BCY79-viii |
| BHp | BCX71H | Phi | N | SOT23 | BCY79-viii |
| BHt | BCX71H | Phi | N | SOT23 | BCY79-viii |
| BH | BCP56 | Mot | P | SOT223 | npn amp 80V 150mA |
| BH | BCX56 | Sie | P | SOT89 | npn AF 80V |
| BH | BZX399C9V1 | Phi | I | SOD323 | 9.1V 0.3W zener i |
| BJ | BCX71J | Phi | N | SOT23 | BCY79-ix |

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|------------|-----------|-----|----|--------|------------------------------|
| BJs | BCX71J | Sie | N | SOT23 | BCY79-ix |
| BJp | BCX71J | Phi | N | SOT23 | BCY79-ix |
| BJt | BCX71J | Phi | N | SOT23 | BCY79-ix |
| BJ | BZX399C10 | Phi | I | SOD323 | 10V 0.3W zener |
| BK | BCP56-10 | Mot | P | SOT223 | npn amp 80V 150mA |
| BK | BCX71K | Phi | N | SOT23 | BCY79 |
| BKs | BCX71K | Sie | N | SOT23 | BCY79 |
| BKp | BCX71K | Phi | N | SOT23 | BCY79 |
| BKt | BCX71K | Phi | N | SOT23 | BCY79 |
| BK | BCX56-10 | Sie | P | SOT89 | npn hfe 100 |
| BK | BZX399C11 | Phi | I | SOD323 | 11V 0.3W zener |
| BL | MBD54DW | Mot | DL | SOT363 | 2x schottky detector diodes |
| BL | BCP56-16 | Mot | P | SOT223 | npn amp 80V 150mA |
| BL | BCX56-16 | Sie | P | SOT89 | npn hfe 160 |
| BL | BZX399C12 | Phi | I | SOD323 | 12V 0.3W zener |
| BL | BGA310 | Sie | GQ | SOT143 | MMIC amp 9dB @1GHz |
| BLs | BGA420 | Sie | HQ | SOT343 | MMIC amp 13 dB @1.8GHz |
| BM | BSS63L | Mot | N | SOT23 | 100v pnp comp BSS64 |
| BMp | BSS63 | Phi | N | SOT23 | 100v pnp comp BSS64 |
| BMt | BSS63 | Phi | N | SOT23 | 100v pnp comp BSS64 |
| BM | BCX55-16 | Sie | P | SOT89 | npn hfe 160 |
| BM | BGA312 | Sie | GQ | SOT143 | MMIC amp 11dB @1GHz |
| BM | BZX399C13 | Phi | I | SOD323 | 13V 0.3W zener |
| BMs | BG427 | Sie | HQ | SOT343 | MMIC amp 18 dB @1.8GHz |
| BNs | BCW61FN | Sie | N | SOT23 | low noise BCW61 |
| BN | BZX399C15 | Phi | I | SOD323 | 15V 0.3W zener |
| BN | BGA318 | Sie | GQ | SOT143 | MMIC amp 16dB @1GHz |
| BO | BCW61AR | Phi | N | SOT23 | BCX78, BCY78-vii |
| BP | BCW61BR | Phi | N | SOT23 | BCY78-viii |
| BP | BZX399C16 | Phi | I | SOD323 | 16V 0.3W zener |
| BQ | BZX399C18 | Phi | I | SOD323 | 18V 0.3W zener in SOD323 |
| BQ | 2PB709AQ | Phi | N | SC-59 | PNP 45V 0.1A hfe 160-260 |
| BR | BCW61CR | Phi | N | SOT23 | BCY78-ix |
| BR | 2SC2412K | Roh | N | - | npn 50V 150mA min hfe 180 |
| BR | 2SC4081 | Roh | N | UMT | 2SC2412K above |
| BR | 2SC4617 | Roh | N | EM3 | 2SC2412K above |
| BR | MSB1218A | Mot | N | SOT323 | gp pnp 45V |
| BR | BZX399C20 | Phi | I | SOD323 | 20V 0.3W zener |
| BR | 2PB709AR | Phi | N | SC-59 | pnp45V 0.1A hfe 210-340 |
| BR1 | BSR30 | Phi | P | SOT89 | pnp 70V 1A 1.35W hfe 40-120 |
| BR2 | BSR31 | Phi | P | SOT89 | pnp 70V 1A 1.35W hfe 100-300 |
| BR4 | BSR33 | Phi | P | SOT89 | pnp 90V 1A 1.35W hfe 100-300 |
| BS | BCW61DR | Phi | R | SOT23 | BCY78-x |
| BS | BZX399C22 | Phi | I | SOD323 | 22V 0.3W zener |
| BS | 2PB709AS | Phi | N | SC-59 | pnp 45V 0.1A hfe 290-460 |
| BS1 | BST60 | Mot | P | SOT89 | pnp darlington 0.5A 60V |
| BS2 | BST61 | Mot | P | SOT89 | pnp darlington 0.5A 80V |
| BS3 | BST62 | Mot | P | SOT89 | pnp darlington 0.5A 90V |
| BS3 | BSP62 | Mot | P | SOT89 | pnp darlington 0.5A hfe 2000 |
| BT | BZX399C24 | Phi | I | SOD323 | 24V 0.3W zener |
| BT2 | BSP16 | Mot | P | SOT223 | pnp -300V 1A |
| BT2 | BST16 | Phi | P | SOT89 | pnp -300V 1A |
| BU | BCX71GR | Phi | N | SOT23 | BCX79-vii |
| BU | BZX399C27 | Phi | I | SOD323 | 27V 0.3W zener |
| BV | BZX399C30 | Phi | I | SOD323 | 30V 0.3W zener |
| BW | BCW71HR | Phi | N | SOT23R | BCX79-viii |
| BW | BZX399C33 | Phi | I | SOD323 | 33V 0.3W zener |
| BX | BCW71JR | Phi | N | SOT23R | BCX79-ix |
| BX | BZX399C36 | Phi | I | SOD323 | 36V 0.3W zener |
| BY | BCW71KR | Phi | N | SOT23R | BCX79-x |
| BY | BZX399C39 | Phi | I | SOD323 | 39V 0.3W zener |
| BZ | BZX399C43 | Phi | I | SOD323 | 43V 0.3W zener |

Codes beginning with 'C'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|---------|-----------|--------------|------|---------|---------------------------------|
| C | BB565 | Sie | I | SCD80 | uhf varicap 2-20pF |
| C white | BAT165 | Sie | I | - | 40V 750mA sw Schottky |
| C | KV1832E | Tok | I | URD | uhf varicap 4-17pf |
| C0 | HSMS-2820 | HP | C | SOT23 | HP2835 schottky |
| C0 | HSMS-282B | HP | C | SOT323 | HP2835 schottky |
| C1 | HSMS-2821 | HP | K | SOT23 | HP2835 schottky |
| C1 | BCW29 | Phi | N | SOT23 | BC178A |
| C1p | BCW29 | Phi | N | SOT23 | BC178A |
| C1t | BCW29 | Phi | N | SOT23 | BC178A |
| C1 | BFQ51C | Phi | CX | SOT173 | pnnp BFR90A complement |
| C2 | BCW30 | Phi | N | SOT23 | BC178B |
| C2p | BCW30 | Phi | N | SOT23 | BC178B |
| C2t | BCW30 | Phi | N | SOT23 | BC178B |
| C2 | BFQ32C | Phi | CX | SOT173 | pnnp 4.5GHz 15V 100mA |
| C2 | HSMS-2822 | HP | D | SOT23 | dual HP2835 schottky |
| C2 | HSMS-282C | HP | D | SOT323 | dual HP2835 schottky |
| C2 | SST112 | Tem | F | SOT23 | J112 analog sw n-ch jfet |
| C2A | ZDC833A | Zet | B | SOT23 | dual cc 28V varicap 15pF @2V |
| C3 | HSMS-2823 | HP | A | SOT23 | dual HP2835 schottky |
| C3 | BFQ23C | Phi | CX | SOT173 | pnnp complement BFP91A |
| C3 | SMBT4126 | Sie | N | - | 2N4126 |
| C3 | SST113 | Tem | F | SOT23 | J113 analog sw jfet |
| C4 | BCW29R | Phi | R | SOT23R | BC178A |
| C4 | HSMS-2824 | HP | B | SOT23 | dual HP2835 schottky |
| C5 | MMBA811C5 | Mot | N | - | 2N5086 pnnp hfe 135-270 |
| C5 | BCW30R | Phi | R | SOT23R | BC178B |
| C5 | HSMS-2825 | HP | S | SOT143 | dual HP2835 schottky |
| C5A | ZDC834A | Zet | B | SOT23 | dual cc 28V varicap 47pF @2V |
| C6 | MMBA811C6 | Mot | N | - | 2N5086 pnnp hfe 200-400 |
| C7 | MMBA811C7 | Mot | N | - | 2N5086 pnnp hfe 300-600 |
| C7 | HSMS-2827 | HP | RQ | SOT143 | HP2835 ring quad |
| C8 | HSMS-2828 | HP | BQ | SOT143 | HP2835 bridge quad |
| C8 | BCF30 | SGS | N | SOT23 | BC559B |
| C8 | MMBA811C8 | Mot | N | - | 2N5086 pnnp hfe 450-900 |
| C11 | SST111 | Sil | F | SOT23 | J111 n-ch fet |
| C12 | SST112 | Sil | F | SOT23 | J112 n-ch fet |
| C13 | SST113 | Sil | F | SOT23 | J113 n-ch fet |
| C38 | SST5638 | Sil | F | SOT23 | 2N5638 |
| C39 | SST5639 | Sil | F | SOT23 | 2N5639 |
| C40 | SST5640 | Sil | F | SOT23 | 2N5640 |
| C41 | SST4091 | Sil | F | SOT23 | 2N4091 |
| C42 | SST4092 | Sil | F | SOT23 | 2N4092 |
| C43 | SST4093 | Sil | F | SOT23 | 2N4093 |
| C56 | SST4856 | Sil | F | SOT23 | 2N4856 |
| C57 | SST4857 | Sil | F | SOT23 | 2N4857 |
| C58 | SST4858 | Sil | F | SOT23 | 2N4858 |
| C59 | SST4859 | Sil | F | SOT23 | 2N4859 |
| C60 | SST4860 | Sil | F | SOT23 | 2N4860 |
| C61 | SST4861 | Sil | F | SOT23 | 2N4861 |
| C91 | SST4391 | Sil | F | SOT23 | 2N4391 |
| C92 | SST4392 | Sil | F | SOT23 | 2N4392 |
| C93 | SST4393 | Sil | F | SOT23 | 2N4393 |
| CA | BCW61AR | Phi | R | SOT23R | BCY78-vii |
| CA | BCP68 | Mot | P | SOT223 | 20V 1A npn |
| CA | ZMV829B | Zet | I | SOD323 | varicap hyperab 28V 8.2pF@2V |
| CB | BCX68-10 | Sie | P | SOT89 | npn AF 20V 2A hfe 100 |
| CB | BCW61BR | Phi | R | SOT23R | BCY78-viii |
| CB | ZMV830B | Zet | I | SOD323 | varicap hyperabrupt 28V 10pF@2V |
| CC | BCW61CR | Phi | R | SOT23R | BCY78-ix |
| CC | BCX68-16 | Sie | P | SOT89 | npn AF 20V 2A hfe 160 |
| CC | ZMV831B | Zet | I | SOD323 | varicap hyperabrupt 28V 15pF@2V |
| CC | ZMDC831B | Zet | B | SOT323 | dual cc ZMV831B (above) |
| CD | BCW61DR | Phi | R | SOT23R | BCY78-x |
| CD | BCX68-25 | Sie | P | SOT89 | npn AF 20V 2A hfe 250 |

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|-----|----------|-----|---|--------|---------------------------------|
| CD | ZMV832B | Zet | I | SOD323 | varicap hyperabrupt 28V 22pF@2V |
| CD | ZMDC832B | Zet | B | SOT323 | dual cc ZMV832B (above) |
| CDs | BSS81B | Sie | N | SOT23 | npn sw 35V 0.8A |
| CE | BCP69 | Mot | P | SOT223 | 20V 1A pnp |
| CE | ZMV833B | Zet | I | SOD323 | varicap hyperabrupt 28V 33pF@2V |
| CEs | BSS79B | Sie | N | SOT23 | npn 40V 0.8A hfe 40-120 |
| CF | BSS79C | Sie | N | SOT23 | npn 40V 0.8A hfe 100 min |
| CF | BCX69-10 | Sie | P | SOT89 | pnp AF 20V 2A hfe 100 |
| CF | ZMV834B | Zet | I | SOD323 | varicap hyperabrupt 28V 47pF@2V |
| CG | BCX71GR | Phi | R | SOT23R | BCY79-vii |
| CG | BCX69-16 | Sie | P | SOT89 | pnp AF 20V 2A hfe 160 |
| CG | ZMV835B | Zet | I | SOD323 | varicap hyperabrupt 28V 68pF@2V |
| CGs | BSS81C | Sie | N | SOT23 | npn sw 35V 1A |
| CHs | BSS80B | Sie | N | SOT23 | pnp 40V 0.8A hfe 40-120 |
| CH | BSS82BL | Mot | N | SOT23 | pnp 60V |
| CH | BCX69-25 | Sie | N | SOT89 | pnp AF 20V 2A hfe 250 |
| CJs | BSS80C | Sie | N | SOT23 | pnp 40V 0.8A hfe 100 min |
| CK | BCX71JR | Phi | R | SOT23R | BCY79-viii |
| CLs | BSS82B | Sie | N | SOT23 | pnp 60V 0.8A hfe 40-120 |
| CMs | BSS82C | Sie | N | SOT23 | pnp 60V 0.8A hfe 100 min |
| CQ | 2SC2411K | Roh | N | - | npn darlington |
| CQ | MSD710Q | Mot | N | SOT346 | pnp gp 25V 150mA |
| CR | MSD701R | Mot | N | SOT346 | pnp gp 25V 150mA |

Codes beginning with 'D'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|------------|--------------|------|---------|--------------------------------|
| D | BB659 | Sie | I | SCD80 | 2-38p varicap |
| D | BAS21-03W | Sie | I | SOD323 | - |
| D | 1SS376 | Roh | I | USM | 300V 50mA sw |
| D | MRF577 | Mot | N | SOT323 | npn RF ft 7GHz |
| D0 | HSMP-3800 | HP | C | SOT23 | HP3800 pin atten diode |
| D1 | BCW31 | Phi | N | SOT23 | BC108A |
| D1p | BCW31 | Phi | N | SOT23 | BC108A |
| D1t | BCW31 | Phi | N | SOT23 | BC108A |
| D1 | HSMP-3801 | HP | K | - | HP3800 pin atten diode |
| D1 | SST211 | Tem | XQ | - | n-ch mosfet 30V 1nS |
| D2 | BCW32 | Phi | N | SOT23 | BC108B |
| D2p | BCW32 | Phi | N | SOT23 | BC108B |
| D2t | BCW32 | Phi | N | SOT23 | BC108B |
| D2 | HSMP-3802 | HP | D | - | dual HP3800 pin atten diode |
| D3 | BCW33 | Phi | N | SOT23 | BC108C |
| D3p | BCW33 | Phi | N | SOT23 | BC108C |
| D3t | BCW33 | Phi | N | SOT23 | BC108C |
| D3B | RB420D | Roh | C | - | 25V 100mA schottky |
| D3E | RB411D | Roh | C | SOT23 | 20V 500mA schottky |
| D3J | RB420D | Roh | C | - | 25V 100mA schottky |
| D3L | RB706D-40 | Roh | B | - | dual 45V 30mA schottky |
| D4 | BCW31R | Phi | R | SOT23R | BC108A |
| D4 | HSMP-3804 | HP | B | SOT23 | dual cc HP3800 pin atten diode |
| D5 | SST215 | Tem | XQ | - | n-ch mosfet 20V 1nS |
| D5 | BCW32R | Phi | R | SOT23R | BC108B |
| D6 | BCW33R | Phi | R | SOT23R | BC108C |
| D6 | MMBC1622D6 | Mot | N | - | MPS3904 hfe 200-400 |
| D7p | BCF32 | Phi | N | SOT23 | - |
| D7t | BCF32 | Phi | N | SOT23 | - |
| D7 | MMBC1622D7 | Mot | N | - | MPS3904 hfe 300-600 |
| D8p | BCF33 | Phi | N | SOT23 | BC146/03 |
| D11 | SST211 | Sil | XQ | - | n-ch mosfet sw |

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|-----|----------|-----|----|--------|--------------------------------|
| D13 | SST213 | Sil | XQ | - | n-ch mosfet sw |
| D11 | SST215 | Sil | XQ | - | n-ch mosfet sw |
| D58 | FLLD261 | Zet | B | SOT23 | low leakage dual cc Si diode |
| D63 | FLLD263 | Zet | A | SOT23 | low leakage dual ca Si diode |
| D76 | BAR18J | SGS | I | SOD232 | schottky 70V 15mA |
| D76 | BAR18 | SGS | C | SOT23 | schottky 70V 30mA |
| D85 | BAT17DS | SGS | D | - | 2xBA481 |
| D86 | BAT54J | ST | I | SOD232 | schottky 30V 300mA |
| D86 | BAT54 | ST | C | SOT23 | schottky 30V 300mA |
| D87 | BAT54C | ST | B | SOT23 | dual cc schottky 30V 300mA |
| D88 | BAT54S | ST | D | SOT23 | dual series schottky 30V 300mA |
| D94 | BAR42 | SGS | C | SOT23 | schottky 30V 100mA |
| D95 | BAR43 | SGS | C | SOT23 | schottky 30V 100mA |
| D96 | BAS70-04 | SGS | D | SOT23 | 2xBA18 |
| D97 | BAS70-05 | SGS | B | SOT23 | 2xBA18 |
| D98 | BAS70-06 | SGS | A | SOT23 | 2xBA18 |
| DA | BCW67A | SGS | N | SOT23 | pnnp 32V 0.8A hfe 100 min |
| DA | BF622 | Sie | P | SOT89 | npn 250V video o/p |
| DA5 | BAR43S | SGS | D | SOT23 | 2xBA43 |
| DB | BCW67B | SGS | N | SOT23 | pnnp 32V 0.8A hfe 160 min |
| DB | BF623 | Sie | P | SOT89 | pnnp 250V video o/p |
| DB1 | BAR43A | SGS | A | SOT23 | 2xBA43 |
| DB2 | BAR43C | SGS | B | SOT23 | 2xBA43 |
| DC | BCW67C | SGS | N | SOT23 | pnnp 32V 0.8A hfe 250 min |
| DC | BF720 | Mot | P | SOT223 | npn 1.5W 300V |
| DC | BFN20 | Sie | P | SOT89 | npn video o/p 300V comp BFN21 |
| DD | BFN16 | Sie | P | SOT89 | npn video o/p 250V comp BFN17 |
| DE | BFN18 | Sie | P | SOT89 | npn video o/p 300Vcomp BFN19 |
| DF | BCW68F | SGS | N | SOT23 | pnnp 45V 0.8A hfe 100 min |
| DF | BF721 | Mot | P | SOT223 | pnnp 1.5W 300V |
| DF | BFN21 | Sie | P | SOT89 | pnnp 300V video o/p comp BFN20 |
| DG | BCW68G | SGS | N | SOT23 | pnnp 45V 0.8A hfe 160 min |
| DG | BFN17 | Sie | P | SOT89 | pnnp video o/p 250V comp BFN16 |
| DH | BCW68H | SGS | N | SOT23 | pnnp 45V 0.8A hfe 250 min |
| DH | BCW68G | Mot | N | SOT23 | pnnp 45V 0.8A hfe 160 min |
| DH | MMBD2000 | Mot | C | SOT323 | Si sw diode 20V 0.2A SOT323 |
| DH | BFN19 | Sie | P | SOT89 | pnnp video o/p 300V comp BFN18 |
| DK | BCX42 | Sie | N | SOT23 | gp audio pnp 125V comp BCX41 |
| DP | MMBD2010 | Mot | B | SOT323 | dual cc MMBD2000 |
| DQ | 2P710AQ | Phi | N | SOT346 | gp pnp hfe 85-170 |
| DR | 2P710AR | Phi | N | SOT346 | gp pnp hfe 120-240 |
| DS | 2P710AS | Phi | N | SOT346 | gp pnp hfe 170-340 |
| DT | BCW67AR | SGS | R | SOT23R | pnnp 32V 0.8A hfe 100 min |
| DU | BCW67BR | SGS | R | SOT23R | pnnp 32V 0.8A hfe 160 min |
| DW | BCW67CR | SGS | R | SOT23R | pnnp 32V 0.8A hfe 250 min |
| DX | BCW68FR | SGS | R | SOT23R | pnnp 45V 0.8A hfe 100 min |
| DY | BCW68GR | SGS | R | SOT23R | pnnp 45V 0.8A hfe 160 min |
| DZ | BCW68HR | SGS | R | SOT23R | pnnp 45V 0.8A hfe 250 min |

Codes beginning with 'E'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|---|
| e | BAT64-02W | Sie | I | SCD80 | - |
| E | 1SS780 | Roh | I | USM | 40V 100mA lo leakage |
| E | BB689 | Sie | I | SCD80 | 2-55pF varicap |
| E0 | HSMP-3810 | HP | C | SOT23 | HP3810 pin atten diode |
| E0 | HSMP-381B | HP | C | SOT323 | HP3810 pin atten diode |
| E01 | DTDG14EP | Roh | P | SOT89 | npn dtr 60V 1A R2 10k, + c to b zener |
| E02 | DTDG23YP | Roh | P | SOT89 | npn dtr 60V 1A 2k2+ 10k, + c to b zener |
| E1p | BFS17 | Phi | N | SOT23 | BFY90 BFW92 |
| E1p | BFS17W | Phi | N | SOT323 | BFY90 BFW92 |
| E1 | HSMP-3811 | HP | K | SOT23 | HP3810 pin atten diode |
| E2 | BFS17A | Phi | N | SOT23 | npn RF 3GHz 25mA |
| E2 | BAL99 | Zet | C | - | sw diode 75V 100mA |

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|-------------|---------------|-----|----|--------|------------------------------------|
| E2 | HSMP-3812 | HP | D | SOT23 | dual series HP3810 pin atten diode |
| E3 | BAR99 | Zet | C | - | sw diode 75V 100mA |
| E3 | HSMP-3813 | HP | A | SOT23 | dual HP3810 pin atten diode |
| E4 | BFS17R | Phi | R | - | BFY90 BFW92 |
| E4 | HSMP-3814 | HP | B | SOT23 | dual cc HP3810 pin atten diode |
| E5 | BFS17AR | Tfk | R | - | npn rf 3 GHz 25mA |
| E6 | ZC2800E | Zet | C | - | HP2800 |
| E8 | ZC2811E | Zet | C | - | HP2811 |
| E9 | ZC5800E | Zet | C | - | HP5800 |
| E11 | DTA113ZE | Roh | N | EMT3 | pnp dtr 1k0 + 10k 50V 100mA |
| E11 | DTA113ZKA | Roh | N | SC59 | pnp dtr 1k0 + 10k 50V 100mA |
| E13 | DTA143ZE | Roh | N | EMT3 | pnp dtr 4k7 + 47k 50V 100mA |
| E13 | DTA143ZKA | Roh | N | SC59 | pnp dtr 4k7 + 47k 50V 100mA |
| E23 | DTC143ZCA | Roh | N | SOT23 | npn dtr 4k7 + 47k 50V 100mA |
| E23 | DTC143ZE | Roh | N | EMT3 | npn dtr 4k7 + 47k 50V 100mA |
| E23 | DTC143ZKA | Roh | N | SC59 | npn dtr 4k7 + 47k 50V 100mA |
| E32 | DTA123JE | Roh | N | EMT3 | pnp dtr 2k2 + 47k 50V 100mA |
| E32 | DTA123JKA | Roh | N | SC59 | pnp dtr 2k2 + 47k 50V 100mA |
| E42 | DTC123JE | Roh | N | EMT3 | npn dtr 2k2 + 47k 50V 100mA |
| E42 | DTC123JKA | Roh | N | SC59 | npn dtr 2k2 + 47k 50V 100mA |
| E56 | DTA144VKA | Roh | N | SC59 | pnp dtr 47k + 10k 50V 100mA |
| E66 | DTC144VKA | Roh | N | SC59 | npn dtr 47k + 10k 50V 100mA |
| EAs | BCW65A | Sie | N | SOT23 | npn 32V 800mA hfe 100 min |
| EBs | BCW65B | Sie | N | SOT23 | npn 32V 800mA hfe 160 min |
| EB | HSMP-4810 | HP | J | SOT23 | 0.5-3GHz pin 2 cathode connections |
| EB | MSC1022-B | Mot | H | - | pnp RF 150MHz fT 20V |
| EC | MSC1022-C | Mot | H | - | pnp RF 150MHz fT 20V |
| ECs | BCW65C | Sie | N | SOT23 | npn 32V 800mA hfe 250 min |
| ED | BCV28 | Sie | P | SOT89 | pnp darlington 30V 0.8A comp BCV29 |
| EE | BCV48 | Sie | P | SOT89 | pnp darlington 60V 0.8A comp BCV49 |
| EF | BCV29 | Sie | P | SOT89 | npn darlington 30V 0.8A comp BCV28 |
| EF | BCW66F | Sie | N | SOT23 | npn 45V 800mA hfe 100 min |
| EG | BCV49 | Sie | P | SOT89 | npn darlington 60V 0.8A comp BCV48 |
| EGs | BCW66G | Sie | N | SOT23 | npn 45V 800mA hfe 160 min |
| EHs | BCW66H | Sie | N | SOT23 | npn 45V 800mA hfe 240 min |
| EHAA | MAX6326_R22-T | Max | ZB | SOT23 | microproc -ve reset gen 2.200V |
| EIAA | MAX6327_R22-T | Max | ZB | SOT23 | microproc +ve reset gen 2.200V |
| EJAA | MAX6328_R22-T | Max | ZB | SOT23 | microproc -ve reset gen 2.200V |
| EKs | BCX41 | Sie | N | SOT23 | gp npn 125V 1A comp BCX42 |
| ET | BCW65AR | Sie | R | SOT23R | npn 32V 800mA hfe 100 min |
| EU | BCW65BR | Sie | R | SOT23R | npn 32V 800mA hfe 160 min |
| EW | BCW65CR | Sie | R | SOT23R | npn 32V 800mA hfe 240 min |
| EWAA | MAX6326_R23-T | Max | ZB | SOT23 | microproc -ve reset gen 2.320V |
| EX | BCW65FR | Sie | R | SOT23R | npn 45V 800mA hfe 100 min |
| EXAA | MAX6326_R24-T | Max | ZB | SOT23 | microproc -ve reset gen 2.400V |
| EY | BCW65GR | Sie | R | SOT23R | npn 45V 800mA hfe 160 min |
| EYAA | MAX6326_R25-T | Max | ZB | SOT23 | microproc -ve reset gen 2.500V |
| EZ | BCW65HR | Sie | R | SOT23R | npn 45V 800mA hfe 240 min |
| EZAA | MAX6326_R26-T | Max | ZB | SOT23 | microproc -ve reset gen 2.630V |

Codes beginning with 'F'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|------------|--------------|------|---------|---------------------------------|
| f | BAS20-02W | Sie | I | SCD80 | - |
| F | KV1831E | Tok | I | URD | uhf varicap 2.5-22pf |
| F | MRF927 | Mot | N | SOT323 | npn RF fT 8GHz |
| F0 | HSMP-3820 | HP | C | SOT23 | 35V RF pin sw diode |
| F02 | DTD123TK | Roh | N | SC59 | npn dtr R1 2k2 40V 100mA |
| F03 | DTD143TK | Roh | N | SC59 | npn dtr R1 4k7 40V 100mA |
| F05 | TSDF1205 | Tfk | X | - | fT 12GHz npn RF 4V 12mA |
| F1 | HSMP-3821 | HP | K | SOT23 | 35V RF pin sw diode |
| F1 | BFS18 | Phi | N | SOT23 | BF495 |
| F1 | MMBC1009F1 | Mot | N | - | RF npn fT 150MHz hfe30-60 |
| F2 | HSMP-3822 | HP | D | SOT23 | dual series HP3820 pin sw diode |

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|------|---------------|-----|----|--------|--------------------------------|
| F2 | BFS19 | SGS | N | SOT23 | BF184 BF494 |
| F2p | BFS19 | Phi | N | SOT23 | BF184 BF494 |
| F2t | BFS19 | Phi | N | SOT23 | BF184 BF494 |
| F3 | MMBC1009F3 | Mot | N | - | RF npn fT150MHz hfe60-120 |
| F4 | BFS18R | Phi | N | - | BF495 |
| F4 | HSMP-3824 | HP | B | SOT23 | dual cc HP3820 pin sw diode |
| F5 | BFS19R | Phi | N | - | BF184 BF494 |
| F8p | BF824 | Phi | N | SOT23 | - |
| F8t | BF824 | Phi | N | SOT23 | - |
| F8t | BF824W | Phi | N | SOT323 | - |
| F11 | DTB113EK | Roh | N | SC59 | pnnp dtr 1k + 1k 50V 500mA |
| F12 | DTB123EK | Roh | N | SC59 | pnnp dtr 2k2 + 2k2 50V 500mA |
| F13 | DTB143EC | Roh | N | SOT23 | pnnp dtr 4k7+ 4k7 50V 500mA |
| F13 | DTB143EK | Roh | N | SC59 | pnnp dtr 4k7+ 4k7 50V 500mA |
| F14 | DTB114EK | Roh | N | SC59 | pnnp dtr 10k + 10k 50V 500mA |
| F20 | TSDF1220 | Tfk | X | - | fT 12GHz npn 6V 20mA |
| F21 | DTD113EK | Roh | N | SC59 | npn dtr 1k + 1k 50V 500mA |
| F22 | DTD123EK | Roh | N | SC59 | npn dtr 2k2 + 2k2 50V 500mA |
| F23 | DTD143EC | Roh | N | SOT23 | npn dtr 4k7 + 4k7 50V 500mA |
| F23 | DTD143EK | Roh | N | SC59 | npn dtr 4k7 + 4k7 50V 500mA |
| F24 | DTD114EK | Roh | N | SC59 | npn dtr 10k + 10k 50V 500mA |
| F52 | DTB123YC | Roh | N | SOT23 | pnnp dtr 2k2 + 10k 50V 100mA |
| F52 | DTB123YK | Roh | N | SC59 | pnnp dtr 2k2 + 10k 50V 100mA |
| F62 | DTD123YK | Roh | N | SC59 | npn dtr 2k2 + 10k 50V 100mA |
| F92 | DTB123TK | Roh | N | SC59 | pnnp dtr R1 2k2 40V 100mA |
| F93 | DTB143TK | Roh | N | SC59 | pnnp dtr R1 4k7 40V 100mA |
| F94 | DTB114TK | Roh | N | SC59 | pnnp dtr R110k 40V 100mA |
| FA | HSMP-4820 | HP | B | SOT23 | 0.5-3GHz cc pin dual anode |
| FA | BFQ17 | Phi | P | SOT89 | npn RF 1.5GHz 300mA |
| FA | BFP81 | Sie | X | - | BFQ69 |
| FA | BFQ19 | Phi | P | SOT89 | npn RF Ft 5.5GHz 100mA |
| FAAA | MAX6326_R27-T | Max | ZB | SOT23 | microproc -ve reset gen 2.700V |
| FB | BFP17 | Sie | X | - | BFW92 |
| FBAA | MAX6328_R31-T | Max | ZB | SOT23 | microproc -ve reset gen 2.800V |
| FC | BFQ64 | Sie | P | - | BFT98T |
| FC | BFP29 | Sie | X | - | BFT97 |
| FCAA | MAX6326_R29-T | Max | ZB | SOT23 | microproc -ve reset gen 2.930V |
| FD | BCV26 | SGS | N | SOT23 | pnnp darlington |
| FDp | BCV26 | Phi | N | SOT23 | pnnp darlington |
| FDt | BCV26 | Phi | N | SOT23 | pnnp darlington |
| FD | BFQ17P | Sie | P | SOT89 | BFW16A |
| FD | BFP35A | Sie | X | - | BFR34A |
| FDAA | MAX6326_R31-T | Max | ZB | SOT23 | microproc -ve reset gen 3.080V |
| FE | BCV46 | SGS | N | SOT23 | pnnp darlington |
| FEp | BCV46 | Phi | N | SOT23 | pnnp darlington |
| FEt | BCV46 | Phi | N | SOT23 | pnnp darlington |
| FEs | BFQ19P | Sie | P | SOT89 | BFR96 |
| FE | BFP93A | Sie | X | SOT143 | BFR91A |
| FEAA | MAX6326_R30-T | Max | ZB | SOT23 | microproc -ve reset gen 3.000V |
| FF | BCV27 | SGS | N | SOT23 | npn darlington |
| FF | BBY65-02V | Inf | I | SC79 | hyperabrupt varicap 2.7-30pF |
| FFp | BCV27 | Phi | N | SOT23 | npn darlington |
| FFt | BCV27 | Phi | N | SOT23 | npn darlington |
| FFAA | MAX6327_R23-T | Max | ZB | SOT23 | microproc +ve reset gen 2.320V |
| FG | BCV47 | Phi | N | SOT23 | npn darlington |
| FGp | BCV47 | Phi | N | SOT23 | npn darlington |
| FGt | BCV47 | Phi | N | SOT23 | npn darlington |
| FG | BFQ19S | Sie | P | SOT89 | BFR96S |
| FGAA | MAX6327_R24-T | Max | ZB | SOT23 | microproc +ve reset gen 2.400V |
| FHs | BFN24 | Sie | N | SOT23 | npn 250V comp to BFN25 |
| FHAA | MAX6327_R25-T | Max | ZB | SOT23 | microproc +ve reset gen 2.500V |
| FIAA | MAX6327_R26-T | Max | ZB | SOT23 | microproc +ve reset gen 2.630V |
| FJ | BFN26 | Sie | N | SOT23 | npn 300V comp to BFN27 |
| FJAA | MAX6327_R27-T | Max | ZB | SOT23 | microproc +ve reset gen 2.700V |
| FK | BFN25 | Sie | N | SOT23 | pnnp 250V comp to BFN24 |

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|-------------|---------------|-----|----|--------|---------------------------------|
| FKAA | MAX6327_R28-T | Max | ZB | SOT23 | microproc +ve reset gen 2.800V |
| FL | BFN27 | Sie | N | SOT23 | pnp 300V comp to BFN26 |
| FLAA | MAX6327_R29-T | Max | ZB | SOT23 | microproc +ve reset gen 2.930V |
| FFMA | MAX6327_R31-T | Max | ZB | SOT23 | microproc +ve reset gen 3.080V |
| FFNA | MAX6327_R30-T | Max | ZB | SOT23 | microproc +ve reset gen 3.000V |
| FOAA | MAX6328_R23-T | Max | ZB | SOT23 | microproc -ve reset gen 2.320V |
| FPAA | MAX6328_R24-T | Max | ZB | SOT23 | microproc -ve reset gen 2.400V |
| F-Q | 2PA1576Q | Phi | N | SOT323 | gp pnp SC70 hfe 120-270 |
| FtQ | 2PA1576Q | Phi | N | SOT323 | gp pnp SC70 hfe 120-270 |
| FQAA | MAX6328_R25-T | Max | ZB | SOT23 | microproc -ve reset gen 2.500V |
| FR | 2SA1037AK | Roh | N | - | hfe 150@1ma preamp pnp |
| FR | 2SA1576A | Roh | N | UMT | see 2SA1037K above |
| FR | 2SA1774 | Roh | N | EM3 | see 2SA1037K above |
| F-R | 2PA1576R | Phi | N | SOT323 | gp pnp hfe 180-390 |
| FtR | 2PA1576R | Phi | N | SOT323 | gp pnp hfe 180-390 |
| FRAA | MAX6328_R26-T | Max | ZB | SOT23 | microproc -ve reset gen 2.630V |
| F-S | 2PA1576S | Phi | N | SOT323 | gp pnp hfe 270-560 |
| FtS | 2PA1576S | Phi | N | SOT323 | gp pnp hfe 270-560 |
| FSAA | MAX6328_R27-T | Max | ZB | SOT23 | microproc -ve reset gen 2.700V |
| FTAA | MAX6328_R28-T | Max | ZB | SOT23 | microproc -ve reset gen 2.800V |
| FUAA | MAX6328_R29-T | Max | ZB | SOT23 | microproc -ve reset gen 2.930V |
| FVAA | MAX6328_R31-T | Max | ZB | SOT23 | microproc -ve reset gen 3.080V |
| FWAA | MAX6328_R30-T | Max | ZB | SOT23 | microproc -ve reset gen 3.000V |
| FZAP | MAX6012A | Max | ZC | SOT23 | precision reference 1.247V |
| FZAQ | MAX6025A | Max | ZC | SOT23 | precision reference 2.500V |
| FZAR | MAX6041A | Max | ZC | SOT23 | precision reference 4.096V |
| FZAS | MAX6045A | Max | ZC | SOT23 | precision reference 4.500V |
| FZAT | MAX6050A | Max | ZC | SOT23 | precision reference 5.000V |
| FZAU | MAX6021A | Max | ZC | SOT23 | precision reference 2.048V |
| FZAV | MAX6346_R33-T | Max | ZB | SOT23 | microproc -ve reset gen 3.300V |
| FZAW | MAX6346_R34-T | Max | ZB | SOT23 | microproc -ve reset gen 3.400V |
| FZAX | MAX6346_R35-T | Max | ZB | SOT23 | microproc -ve reset gen 3.500V |
| FZAY | MAX6346_R36-T | Max | ZB | SOT23 | microproc -ve reset gen 3.600V |
| FZAZ | MAX6346_R37-T | Max | ZB | SOT23 | microproc -ve reset gen 3.700V |
| FZBA | MAX6346_R38-T | Max | ZB | SOT23 | microproc -ve reset gen 3.800V |
| FZBB | MAX6346_R39-T | Max | ZB | SOT23 | microproc -ve reset gen 3.900V |
| FZBC | MAX6346_R40-T | Max | ZB | SOT23 | microproc -ve reset gen 4.0800V |
| FZBD | MAX6346_R41-T | Max | ZB | SOT23 | microproc -ve reset gen 4.100V |
| FZBE | MAX6346_R42-T | Max | ZB | SOT23 | microproc -ve reset gen 4.200V |
| FZBF | MAX6346_R43-T | Max | ZB | SOT23 | microproc -ve reset gen 4.300V |
| FZBG | MAX6346_R44-T | Max | ZB | SOT23 | microproc -ve reset gen 4.380V |
| FZBH | MAX6346_R45-T | Max | ZB | SOT23 | microproc -ve reset gen 4.500V |
| FZBI | MAX6346_R46-T | Max | ZB | SOT23 | microproc -ve reset gen 4.630V |
| FZBJ | MAX6347_R33-T | Max | ZB | SOT23 | microproc +ve reset gen 3.300V |
| FZBK | MAX6347_R34-T | Max | ZB | SOT23 | microproc +ve reset gen 3.400V |
| FZBL | MAX6347_R35-T | Max | ZB | SOT23 | microproc +ve reset gen 3.500V |
| FZBM | MAX6347_R36-T | Max | ZB | SOT23 | microproc +ve reset gen 3.600V |
| FZBN | MAX6347_R37-T | Max | ZB | SOT23 | microproc +ve reset gen 3.700V |
| FZBO | MAX6347_R38-T | Max | ZB | SOT23 | microproc +ve reset gen 3.800V |
| FZBP | MAX6347_R39-T | Max | ZB | SOT23 | microproc +ve reset gen 3.900V |
| FZBQ | MAX6347_R40-T | Max | ZB | SOT23 | microproc +ve reset gen 4.0800V |
| FZBR | MAX6347_R41-T | Max | ZB | SOT23 | microproc +ve reset gen 4.100V |
| FZBS | MAX6347_R42-T | Max | ZB | SOT23 | microproc +ve reset gen 4.200V |
| FZBT | MAX6347_R43-T | Max | ZB | SOT23 | microproc +ve reset gen 4.300V |
| FZBU | MAX6347_R44-T | Max | ZB | SOT23 | microproc +ve reset gen 4.380V |
| FZBV | MAX6347_R45-T | Max | ZB | SOT23 | microproc +ve reset gen 4.500V |
| FZBW | MAX6347_R46-T | Max | ZB | SOT23 | microproc +ve reset gen 4.630V |
| FZBX | MAX6348_R33-T | Max | ZB | SOT23 | microproc -ve reset gen 3.300V |
| FZBY | MAX6348_R34-T | Max | ZB | SOT23 | microproc -ve reset gen 3.400V |
| FZBZ | MAX6348_R35-T | Max | ZB | SOT23 | microproc -ve reset gen 3.500V |
| FZCA | MAX6348_R36-T | Max | ZB | SOT23 | microproc -ve reset gen 3.600V |
| FZCB | MAX6348_R37-T | Max | ZB | SOT23 | microproc -ve reset gen 3.700V |
| FZCC | MAX6348_R38-T | Max | ZB | SOT23 | microproc -ve reset gen 3.800V |
| FZCD | MAX6348_R39-T | Max | ZB | SOT23 | microproc -ve reset gen 3.900V |
| FZCE | MAX6348_R40-T | Max | ZB | SOT23 | microproc -ve reset gen 4.000V |

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|------|-----------------|-----|----|-------|--------------------------------|
| FZCF | MAX6348_R41-T | Max | ZB | SOT23 | microproc -ve reset gen 4.100V |
| FZCG | MAX6348_R42T | Max | ZB | SOT23 | microproc -ve reset gen 4.200V |
| FZCH | MAX6348_R43-T | Max | ZB | SOT23 | microproc -ve reset gen 4.380V |
| FZCI | MAX6348_R44-T | Max | ZB | SOT23 | microproc -ve reset gen 4.400V |
| FZCJ | MAX6348_R45-T | Max | ZB | SOT23 | microproc -ve reset gen 4.500V |
| FZCK | MAX6348_R46-T | Max | ZB | SOT23 | microproc -ve reset gen 4.600V |
| FZCW | MAZ6001UR | Max | ZC | SOT23 | 1.250V V reference |
| FZCX | MAZ6002UR | Max | L | SOT23 | 2.500V V reference |
| FZCY | MAZ6004UR | Max | L | SOT23 | 4.096V V reference |
| FZCZ | MAZ6005UR | Max | L | SOT23 | 5.000V V reference |
| FZDA | MAX6012B | Max | ZC | SOT23 | precision reference 1.247V |
| FZDB | MAX6025B | Max | ZC | SOT23 | precision reference 2.500V |
| FZDC | MAX6041B | Max | ZC | SOT23 | precision reference 4.096V |
| FZDD | MAX6045B | Max | ZC | SOT23 | precision reference 4.500V |
| FZdE | MAX6050B | Max | ZC | SOT23 | precision reference 5.000V |
| FZDF | MAX6021B | Max | ZC | SOT23 | precision reference 2.047V |
| FZDK | MAZ6003UR | Max | L | SOT23 | 3.000V V reference |
| FZDW | MAX6030A | Max | ZC | SOT23 | precision reference 3.000V |
| FZDX | MAX6012B | Max | ZC | SOT23 | precision reference 3.000V |
| FZEB | LM4041AIM3-1.2 | Max | L | SOT23 | 1.225V 0.1% shunt V ref |
| FZEC | LM4041BIM3-1.2 | Max | L | SOT23 | 1.225V 0.2% shunt V ref |
| FZED | LM4041DIM3-1.2 | Max | L | SOT23 | 1.225V 0.5% shunt V ref |
| FZEE | LM4041DIM3-1.2 | Max | L | SOT23 | 1.225V 1.5% shunt V ref |
| FZEF | LM4040A IM3-2.1 | Max | L | SOT23 | 2.048V shunt reference 0.1% |
| FZEG | LM4040B IM3-2.1 | Max | L | SOT23 | 2.048V shunt reference 0.2 % |
| FZEH | LM4040C IM3-2.1 | Max | L | SOT23 | 2.048V shunt reference 0.5% |
| FZEI | LM4040D IM3-2.1 | Max | L | SOT23 | 2.048V shunt reference 1.0% |
| FZEJ | LM4040A IM3-2.5 | Max | L | SOT23 | 2.500V shunt reference 0.1% |
| FZEK | LM4040B IM3-2.5 | Max | L | SOT23 | 2.500V shunt reference 0.2 % |
| FZEL | LM4040C IM3-2.5 | Max | L | SOT23 | 2.500V shunt reference 0.5% |
| FZEM | LM4040D IM3-2.5 | Max | L | SOT23 | 2.500V shunt reference 1.0% |
| FZEN | LM4040A IM3-3.0 | Max | L | SOT23 | 3.000V shunt reference 0.1% |
| FZEO | LM4040B IM3-3.0 | Max | L | SOT23 | 3.000V shunt reference 0.2 % |
| FZEP | LM4040C IM3-3.0 | Max | L | SOT23 | 3.000V shunt reference 0.5% |
| FZEQ | LM4040D IM3-3.0 | Max | L | SOT23 | 3.000V shunt reference 1.0% |
| FZER | LM4040A IM3-4.1 | Max | L | SOT23 | 4.096V shunt reference 0.1% |
| FZES | LM4040B IM3-4.1 | Max | L | SOT23 | 4.096V shunt reference 0.2 % |
| FZET | LM4040C IM3-4.1 | Max | L | SOT23 | 4.096V shunt reference 0.5% |
| FZEU | LM4040D IM3-4.1 | Max | L | SOT23 | 4.096V shunt reference 1.0% |
| FZEV | LM4040A IM3-5.0 | Max | L | SOT23 | 5.000V shunt reference 0.1% |
| FZEW | LM4040B IM3-5.0 | Max | L | SOT23 | 5.000V shunt reference 0.2 % |
| FZEX | LM4040C IM3-5.0 | Max | L | SOT23 | 5.000V shunt reference 0.5% |
| FZEY | LM4040D IM3-5.0 | Max | L | SOT23 | 5.000V shunt reference 1.0% |
| FZEZ | MAZ803LUR | Max | ZB | SOT23 | microproc -ve reset gen, 5.0V |
| FZFA | MAZ803MUR | Max | ZB | SOT23 | microproc -ve reset gen, 5.0V |
| FZFB | MAZ803TUR | Max | ZB | SOT23 | microproc -ve reset gen, 3.3V |
| FZFC | MAZ803SUR | Max | ZB | SOT23 | microproc -ve reset gen, 3.3V |
| FZFD | MAZ803RUR | Max | ZB | SOT23 | microproc -ve reset gen, 3.0V |
| FZGH | MAZ6006AUR | Max | L | SOT23 | 1.250V 0.2% shunt V reference |
| FZGI | MAZ6006BUR | Max | L | SOT23 | 1.250V 0.5% shunt V reference |
| FZGJ | MAZ6006CUR | Max | L | SOT23 | 1.250V 1.0% shunt V reference |
| FZGK | MAZ6007AUR | Max | L | SOT23 | 2.480V 0.2% shunt V reference |
| FZGL | MAZ6007BUR | Max | L | SOT23 | 2.480V 0.5% shunt V reference |
| FZGM | MAZ6007CUR | Max | L | SOT23 | 2.480V 1.0% shunt V reference |
| FZGN | MAZ6008AUR | Max | L | SOT23 | 2.500V 0.2% shunt V reference |
| FZGO | MAZ6008BUR | Max | L | SOT23 | 2.500V 0.5% shunt V reference |
| FZGP | MAZ6008CUR | Max | L | SOT23 | 2.500V 1.0% shunt V reference |
| FZGQ | MAZ6009AUR | Max | L | SOT23 | 3.000V 0.2% shunt V reference |
| FZGR | MAZ6009BUR | Max | L | SOT23 | 3.000V 0.5% shunt V reference |
| FZGS | MAZ6009CUR | Max | L | SOT23 | 3.000V 1.0% shunt V reference |

Codes beginning with 'G'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|-------------------------------|
| G | BAR63-02W | Sie | I | SCD80 | RF pin to 3GHz |
| G | BAR63-03W | Sie | I | SOD323 | RF pin to 3GHz |
| G | KV1181E | Tok | I | URD | uhf varicap 2-16pF |
| G | MRF947A | Mot | N | SOT323 | npn RF 8GHz |
| G0 | HSMP-3890 | HP | C | SOT23 | HP3890 pin sw diode |
| G0 | HSMP-389B | HP | C | SOT323 | HP3890 pin sw diode |
| G08 | DTD133HKA | Roh | N | SC59 | npn dtr 3k3+10k 50V 500mA |
| G1 | BFS20 | Phi | N | SOT23 | BF199 |
| G1p | BFS20 | Phi | N | SOT23 | BF199 |
| G1 | BFS20 | Phi | N | SOT23 | BF199 |
| G1t | HSMP-3891 | HP | K | SOT23 | HP3890 pin sw diode |
| G1 | MMBT5551 | Mot | N | SOT23 | 2N5551 npn Vce 140V |
| tG1 | PMBT5551 | Phi | N | SOT23 | 2N5551 npn Vce 140V |
| tG1 | PMST5551 | Phi | N | SOT323 | 2N5551 npn Vce 140V |
| G1E | BC847A | Rho | N | SOT23 | BC547A |
| G1F | BC847B | Rho | N | SOT23 | BC547B |
| G1G | BC847C | Rho | N | SOT23 | BC547C |
| G1J | BC848A | Rho | N | SOT23 | BC548A |
| G1K | BC848B | Rho | N | SC70 | BC548B |
| G1K | BC848B | Rho | N | SOT23 | BC548B |
| G1L | BC848C | Rho | N | SOT23 | BC548C |
| G2 | HSMP-3892 | HP | D | SOT23 | dual ser HP3890 pin sw diode |
| G2 | CGY50 | Sie | IQ | SOT143 | GaAs MMIC amp |
| G3 | HSMP-3893 | HP | A | SOT23 | dual HP3890 pin sw diode |
| pG3 | PMST5551 | Phi | N | SOT323 | 2N5551 |
| G3 | BAR63 | Sie | C | SOT23 | single 3GHz pin |
| G3C | DTB122JK | Roh | N | SC59 | pnp dtr 220R + 470R 50V 500mA |
| G3E | BC857A | Roh | N | SOT23 | BC557A |
| G3F | BC857B | Roh | N | SOT23 | BC557B |
| G3J | BC858A | Roh | N | SOT23 | BC558A |
| G3K | BC858B | Roh | N | SOT23 | BC558B |
| G3K | BC858B | Roh | N | SC70 | BC558B |
| G3L | BC858C | Roh | N | SOT23 | BC558C |
| G4 | BFS20R | Phi | N | SOT23 | BF199 |
| G4 | HSMP-3894 | HP | B | SOT23 | dual HP3890 pin sw diode |
| G4 | BAR63-04 | Sie | D | SOT23 | dual series 3GHz pin |
| G4C | DTD122JK | Roh | N | SC59 | npn dtr 220R + 470R 50V 500mA |
| G4s | BAR63-04W | Sie | D | SOT323 | dual series 3GHz pin |
| G5 | HSMP-3895 | HP | S | SOT143 | dual HP3890 pin sw diode |
| G5 | BAR63-05 | Sie | B | SOT23 | dual cc 3GHz pin |
| G5s | BAR63-05W | Sie | B | SOT323 | dual cc 3GHz pin |
| G5B | BC807-25 | Roh | N | SOT23 | BC327-25 |
| G6 | BAR63-06 | Sie | A | SOT23 | dual ca 3GHz pin |
| G6s | BAR63-06W | Sie | A | SOT323 | dual ca 3GHz pin |
| G6A | BC817-16 | Roh | N | - | BC337-16 |
| G6B | BC817-25 | Roh | N | SOT23 | BC337-25 |
| G7 | BF579 | Tfk | N | - | BF979 pnp uhf ft 1.75GHz |
| G11 | DTB113ZKA | Roh | N | SC59 | pnp dtr 1k0 +10k 50V 500mA |
| G21 | DTD113ZKA | Roh | N | SC59 | npn dtr 1k0 +10k 50V 500mA |
| G98 | DTB133HKA | Roh | N | SC59 | pnp dtr 3k3+10k 50V 500mA |
| GA | HSMP-4890 | HP | B | SOT23 | 0.5-3GHz dual cc pin limiter |
| GA | BAW78A | Sie | LQ | SOT89 | 50V1A sw diode |
| GAB | BCW60B | Rho | N | SOT23 | BCY58-viii |
| GAC | BCW60C | Rho | N | SOT23 | BCY58-ix |
| GAD | BCW60D | Rho | N | SOT23 | BCY58-x |
| GAH | BCX70H | Rho | N | SOT23 | BCY59-viii BC107B |
| GAJ | BCX70J | Rho | N | SOT23 | BCY59-ix BC107 |
| GAK | BCX70K | Rho | N | SOT23 | BCY59-x BC107 |
| GB | BAW78B | Sie | LQ | SOT89 | 100V 1A sw diode |
| GBB | BCW61B | Rho | N | SOT23 | BCY78-viii |
| GBC | BCW61C | Rho | N | SOT23 | BCY78-ix |
| GBG | BCX71G | Rho | N | SOT23 | BCY79-vii |
| GBH | BCX71H | Rho | N | SOT23 | BCY79-viii |
| GBJ | BCX71J | Rho | N | SOT23 | BCY79-ix |

| | | | | | |
|-----|----------|-----|----|--------|-------------------------------|
| GC | BAW78C | Sie | LQ | SOT89 | 200V 1A sw diode |
| GC1 | BCW29 | Roh | N | SOT23 | BC178A |
| GC2 | BCW30 | Roh | N | SOT23 | BC178B |
| GD | BAW78D | Sie | LQ | SOT89 | 400V 1A sw diode |
| GD1 | BCW31 | Roh | N | SOT23 | BC108C |
| GD2 | BCW32 | Roh | N | SOT23 | BC108B |
| GD3 | BCW33 | Roh | N | SOT23 | BC108A |
| GE | BFR35AP | Sie | N | SOT23 | BFR34A |
| GE | BAW79A | Sie | JQ | SOT89 | dual cc 50V 1A switch diodes |
| GEC | BCW65C | Rho | N | SOT23 | nnp 32V 800mA hfe 250 min |
| GF | BFR92P | Sie | N | SOT23 | BFR90 |
| GF | BAW79B | Sie | JQ | SOT89 | dual cc 100V 1A switch diodes |
| GG | BF579R | Tfk | R | - | BF979 npn uhf ft1.75GHz |
| GG | BFR93P | Sie | N | SOT23 | BFR91A |
| GG | BAW79C | Sie | JQ | SOT89 | dual cc 200V 1A switch diodes |
| GH | BAW79D | Sie | JQ | SOT89 | dual cc 400V 1A switch diodes |
| GH1 | BCW69 | Roh | N | SOT23 | BC177A |
| GH2 | BCW70 | Roh | N | SOT23 | BC177B |
| GK1 | BCW71 | Roh | N | SOT23 | BC107A |
| GK2 | BCW72 | Roh | N | SOT23 | BC107B ZXT300 |
| GLP | MMBT1010 | Mot | N | SOT23 | nnp 15V hfe 300-600 @100mA |
| GLP | MMBT1010 | Mot | N | SOT346 | nnp 15V hfe 300-600 @100mA |
| GMA | BFS17 | Roh | N | SOT23 | BFW92 |
| GT1 | BCX17 | Roh | N | SOT23 | BC327 |
| GT2 | BCX18 | Roh | N | SOT23 | BC328 |
| GU1 | BCX19 | Roh | N | SOT23 | BC337 |
| GU2 | BCX20 | Roh | N | SOT23 | BC338 |

Codes beginning with 'H'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|--|
| H | MRF947B | Mot | N | SOT323 | nnp RF 8GHz |
| H | BB659C | Sie | I | SCD80 | 2.5-39 pF varicap in |
| H | BBY51-03W | Sie | I | SOD323 | 3-5 pF varicap in |
| H02 | DTC323TU | Rho | N | SC70 | nnp dtr 15V 0.6A, R1 2k Ω , for muting |
| H04 | DTC323TU | Rho | N | SC70 | nnp dtr 15V 0.6A, R1 10k Ω , for muting |
| H1 | BCW69 | Phi | N | SOT23 | BC177A |
| H1p | BCW69 | Phi | N | SOT23 | BC177A |
| H1t | BCW69 | Phi | N | SOT23 | BC177A |
| H2 | BCW70 | Phi | N | SOT23 | BC177B |
| H2p | BCW70 | Phi | N | SOT23 | BC177B |
| H2t | BCW70 | Phi | N | SOT23 | BC177B |
| H3 | BCW89 | Phi | N | SOT23 | BC556 |
| H3p | BCW89 | Phi | N | SOT23 | BC556 |
| H3t | BCW89 | Phi | N | SOT23 | BC556 |
| H4 | BCW69R | Phi | R | SOT23R | BC177A |
| H5 | BCW70R | Phi | R | SOT23R | BC177B |
| H5 | MBD770DW | Mot | DL | - | Dual UHF schottky diode |
| H6 | BCW89R | Phi | R | SOT23R | BC556 |
| H11 | UMH11TN | Roh | DI | - | nnp/pnpdtr pair 10k+10k |
| H16 | SST4416 | Sil | F | - | 2N4416 n-ch jfet |
| H27 | DTC323TU | Rho | N | SC70 | nnp dtr 15V 0.6A, R1 6k Ω , for muting |
| H31 | BCW89R | Phi | N | SOT23R | BC556 |
| H84 | SST5484 | Sil | F | SOT23 | 2N5484 |
| H85 | SST5485 | Sil | F | SOT23 | 2N5485 |
| H86 | SST5486 | Sil | F | SOT23 | 2N5486 |
| HB | BFN22 | SGS | P | SOT23 | nnp Vce 250V |
| HC | BFN23 | SGS | P | SOT23 | nnp Vce 250V |
| HG | CFY77-08 | Sie | DM | - | 20GHz HEMT 0.8dB nf |
| HH | CFY77-10 | Sie | DM | - | 20GHz HEMT 1.0 dB nf |
| HH | BBY51-07 | Sie | S | SOT143 | dual varicap like BBY51 |
| HQ | 2SA1036K | Roh | N | - | nnp 500mA driver |

Codes beginning with 'I'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|-------------------------|
| I | BBY51-02W | Sie | I | SCD80 | 3-5 pF varicap |
| I | BBY52-03W | Sie | I | SOD323 | 1.25-1.75 pF varicap in |
| I08 | SST108 | Sil | F | SOT23 | J108 n-ch jfet |
| I09 | SST109 | Sil | F | SOT23 | J109 n-ch jfet |
| I10 | SST110 | Sil | F | SOT23 | J110 n-ch jfet |

Codes beginning with 'J'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|----------------------------------|
| J0 | HSMS-2840 | HP | C | SOT23 | schottky diode |
| J01 | SO2906R | - | N | - | 2N2906 |
| J03 | SO2907AR | - | R | - | 2N2907A |
| J05 | SO2907R | - | R | - | 2N2907 |
| J1 | HSMS-2841 | HP | K | SOT23 | schottky diode |
| J1 | ZC830 | Zet | C | - | ZC820 varicaps |
| J1 | BSS138L | Mot | M | SOT23 | n-ch enh TMOS fet |
| J1A | ZC830A | Zet | C | SOT23 | varicap hyperabrupt 28V 10pF@2V |
| J1B | ZC830B | Zet | C | SOT23 | varicap hyperabrupt 28V 10pF@2V |
| pJ1 | BSH101 | Phi | M | SOT23 | n-ch 60V 0.7A mosfet |
| pJ2 | BSH102 | Phi | M | SOT23 | n-ch 30V 1A mosfet |
| J2 | ZC833 | Zet | C | SOT23 | ZC823 |
| J2A | ZC833A | Zet | C | SOT23 | varicap hyperabrupt 28V 33pF@2V |
| J2B | ZC833B | Zet | C | SOT23 | varicap hyperabrupt 28V 33pF@2V |
| pJ3 | BSH103 | Phi | M | SOT23 | n-ch 30V 0.8A mosfet |
| J3 | ZC831 | Zet | C | SOT23 | ZC821 |
| J3A | ZC831A | Zet | C | SOT23 | varicap hyperabrupt 28V 15pF@2V |
| J3B | ZC831B | Zet | C | SOT23 | varicap hyperabrupt 28V 15pF@2V |
| J3D | MSB81T1 | Mot | - | - | vhf pnp fT 0.6GHz |
| J4A | MBV109 | Mot | C | SOT23 | 29pF VHF varicap diode |
| J4 | ZC832 | Zet | C | SOT23 | ZC823 |
| J4A | ZC832A | Zet | C | SOT23 | varicap hyperabrupt 28V 22pF@2V |
| J4B | ZC832B | Zet | C | SOT23 | varicap hyperabrupt 28V 22pF@2V |
| J5 | ZC834 | Zet | C | SOT23 | ZC824 |
| J5A | ZC834A | Zet | C | SOT23 | varicap hyperabrupt 28V 47pF@2V |
| J5B | ZC834B | Zet | C | SOT23 | varicap hyperabrupt 28V 47pF@2V |
| J6 | M1MA174 | Mot | C | - | gp Si diode 100V |
| J6 | ZC835 | Zet | C | SOT23 | ZC825 |
| J6A | ZC835A | Zet | C | SOT23 | varicap hyperabrupt 28V 68pF@2V |
| J6B | ZC835B | Zet | C | SOT23 | varicap hyperabrupt 28V 68pF@2V |
| J7 | ZC836 | Zet | C | SOT23 | ZC826 |
| J7A | ZC830A | Zet | C | SOT23 | varicap hyperabrupt 28V 100pF@2V |
| J7B | ZC830B | Zet | C | SOT23 | varicap hyperabrupt 28V 100pF@2V |
| J8 | BCX71JR | Phi | R | SOT23R | BCY79-ix |
| J9A | ZC829A | Zet | I | SOT23 | varicap hyperabrupt 28V 8.2pF@2V |
| J9B | ZC829B | Zet | I | SOT23 | varicap hyperabrupt 28V 8.2pF@2V |
| J12 | SO2906AR | - | R | - | 2N2906A |
| J32 | SO5400R | SGS | R | - | 2N5400 |
| J33 | SO5401R | SGS | R | - | 2N5401 |
| J39 | SO692R | SGS | - | - | pnp Vce 300V |
| JA | BAV74 | Zet | B | SOT23 | dual diode cc 50V 0.1A |
| JA | BAV74 | Mot | B | SOT23 | dual sw diodes |
| JBs | BAR74 | Sie | C | SOT23 | fast sw diode 50V 0.25A |
| JCs | BAL74 | Sie | V | SOT23 | fast sw diode 50V 0.25A |
| JFs | BAL99 | Sie | V | SOT23 | fast sw diode 70V 0.25A |
| JG | BAR99 | Sie | E | - | fast sw diode 70V 0.25A |
| JKs | BF1009 | Sie | W | SOT143 | biased n-ch dg mosfet 1GHz 9V |
| JLs | BF1009S | Sie | W | SOT143 | biased n-ch dg mosfet 1GHz 9V |
| JL | MRF949 | Mot | N | SOT323 | nnp RF fT 9GHz |
| JPs | BAS19 | Sie | C | SOT23 | 120V 250mA fast sw diode |
| JPs | BAW101 | Sie | S | SOT143 | pair isolated 300V sw diodes |

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|------------|--------|-----|----|--------|------------------------------|
| JRs | BAS20 | Sie | C | SOT23 | 150V 250mA fast sw diode |
| JSs | BAS21 | Sie | C | SOT143 | 200V 250mA fast sw diode |
| JS | BAW100 | Sie | Y | SOT143 | dual isolated fast sw diodes |
| JTs | BAS28 | Sie | S | SOT143 | dual isolated fast sw diodes |
| JTs | BAS28W | Sie | FQ | SOT343 | dual isolated fast sw diodes |
| JV | BAS116 | Sie | C | SOT23 | 250V 75mA Ir 5nA |
| JX | BAV170 | Mot | B | SOT23 | dual cc Si diode low Ir |
| JY | BAV199 | Mot | D | SOT23 | dual series Si diode low Ir |
| JZ | BAW156 | Mot | A | SOT23 | dual ca Si diode low Ir |

Codes beginning with 'K'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|-----------|--------------|------|---------|---------------------------|
| K | BAT68-03W | Sie | I | SOD323 | BAT68 Schottky |
| K | BBY52-02W | Sie | I | SCD80 | UHF varicap 1.75-1.25pF |
| K | MRF917 | Mot | N | SOT323 | npn RF fT 6GHz |
| K0 | HSMP-3830 | HP | C | SOT23 | gp pin diode HP3830 |
| K1 | HSMP-3831 | HP | K | SOT23 | gp pin diode HP3830 |
| K1p | BCW71 | Phi | N | SOT23 | BC107A |
| K1t | BCW71 | Phi | N | SOT23 | BC107A |
| K1 | BCW71 | Phi | N | SOT23 | BC107A |
| K2p | BCW72 | Phi | N | SOT23 | BC107B ZXT300 |
| K2t | BCW72 | Phi | N | SOT23 | BC107B ZXT300 |
| K2 | BCW72 | Phi | N | SOT23 | BC107B ZXT300 |
| K2 | HSMP-3832 | HP | D | SOT23 | dual HP3830 pin diode |
| K3 | HSMP-3833 | HP | A | SOT23 | dual HP3830 pin diode |
| K3 | BCW81 | Phi | N | SOT23 | npn 50V 0.1A 0.2W hfe 420 |
| K3p | BCW81 | Phi | N | SOT23 | npn 50V 0.1A 0.2W hfe 420 |
| K3t | BCW81 | Phi | N | SOT23 | npn 50V 0.1A 0.2W hfe 420 |
| K4 | BCW71R | Phi | R | SOT23R | BC107A |
| K4 | HSMP-3834 | HP | B | SOT23 | dual HP3830 pin diode |
| K5 | BCW72R | Phi | R | SOT23R | BC107B ZTX300 |
| K6 | BCV71R | Phi | R | SOT23R | BC546A |
| K7 | BCV71 | Phi | N | SOT23 | BC546A |
| K7p | BCV71 | Phi | N | SOT23 | BC546A |
| K7t | BCV71 | Phi | N | SOT23 | BC546A |
| K8 | BCV72 | Phi | N | SOT23 | BC546B |
| K8p | BCV72 | Phi | N | SOT23 | BC546B |
| K8t | BCV72 | Phi | N | SOT23 | BC546B |
| K9 | BCV72R | Phi | R | SOT23R | BC546B |
| K14 | DTA114GE | Roh | N | EMT3 | npn dtr 50V 100mA R2 10k |
| K14 | DTA114GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 10k |
| K14 | DTA114GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 10k |
| K15 | DTA124GKA | Roh | N | SC59 | npn dtr 50V 50mA R2 22k |
| K16 | DTA144GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 47k |
| K16 | DTA144GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 47k |
| K19 | DTA115GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 100k |
| K19 | DTA115GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 100k |
| K24 | DTC114GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 22k |
| K24 | DTC114GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 22k |
| K25 | DTA124GUA | Roh | N | SC70 | npn dtr 50V 50mA R2 22k |
| K25 | DTA124GKA | Roh | N | SC59 | npn dtr 50V 50mA R2 22k |
| K26 | DTC144GE | Roh | N | EMT3 | npn dtr 50V 100mA R2 47k |
| K26 | DTC144GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 47k |
| K26 | DTC144GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 47k |
| K29 | DTC115GUA | Roh | N | SC70 | npn dtr 50V 100mA R2 100k |
| K29 | DTC115GKA | Roh | N | SC59 | npn dtr 50V 100mA R2 100k |
| K31 | BCW81R | Phi | R | - | npn 50V 0.1A 0.2W hfe 420 |
| KB | MMBT8099L | Mot | N | SOT23 | npn 80V gp |
| KC | BFQ29P | Sie | N | - | BFT66 |
| KM | BST80 | Phi | T | - | VN10 |
| KN | BST84 | Phi | T | - | Nch VMOS 200V 0.25A |
| KO | BST86 | Phi | T | - | nch VMOS 180V 0.3A |

Codes beginning with 'L'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|------------|--------------|------|---------|---|
| L | BAT62-03W | Sie | I | SOD323 | BAT62 schottky detector |
| L | BBY53-02W | Sie | I | SCD80 | varicap 5.3-2.2 pF |
| L0 | HSMP-386B | HP | C | SOT323 | gp RF pin diode |
| L0 | HSMP-3860 | HP | C | SOT23 | dual series pin diode |
| L0 | BAT721S | Phi | C | SOT23 | dual series 40V 200mA schottky |
| L05 | ZLLS500 | Zet | C | SOT23 | schottky 40V 0.7A low leakage high temp |
| L1 | BSS65 | Zet | N | - | pnp 12V 0.1A 400MHz sw |
| L10 | ZLLS1000 | Zet | C | SOT23 | schottky 40V 1.1A low leakage high temp |
| L2 | HSMP-3862 | HP | D | SOT23 | dual RF pin diode |
| L2 | BSS69 | Zet | N | - | pnp 40V 0.1A 200MHz sw |
| L3 | BSS70 | Zet | N | - | pnp 40V 0.1A 200MHz sw |
| L3 | MMBC1623L3 | Mot | N | - | npn 40V gp |
| L3 | HSMP-3863 | HP | A | SOT23 | ca gp RF pin diode |
| L4 | HSMP-3864 | HP | B | SOT23 | cc gp RF pin diode |
| L4 | BAT54W | Phi | C | SOT323 | BAT85 schottky |
| L4p | BAT54 | Phi | C | SOT23 | BAT85 schottky |
| L4Z | BAT54 | Zet | C | SOT23 | BAT85 schottky |
| L4 | MMBC1623L4 | Mot | N | - | npn 40V gp |
| L5 | BSS65R | Zet | R | - | pnp 12V 0.1A 400MHz sw |
| L5 | MMBC1623L5 | Mot | N | - | MPS3904 hfe 135-270 |
| L6 | BAR17 | Sie | C | - | pin diode |
| L6 | BSS69R | Zet | N | - | pnp 40V 0.1A 200MHz sw |
| L6 | MMBC1623L6 | Mot | N | - | MPS3904 hfe 200-400 |
| L7 | BSS70R | Zet | N | - | pnp 40V 0.1A 200MHz sw |
| L7 | MMBC1623L7 | Mot | N | - | MPS3904 hfe 300-600 |
| L7 | BAR14-1 | Sie | D | - | dual pin 100mA max |
| L8 | BAT721A | Phi | A | SOT23 | dual c anode 40V 200mA schottky |
| L8 | BAR15-1 | Sie | A | - | dual pin 100mA max |
| L9 | BAT721C | Phi | B | SOT23 | dual c cathode 40V 200mA schottky |
| L9 | BAR16-1 | Sie | B | - | dual pin 100mA max |
| L14 | DTB114GK | Rho | N | SC59 | pnp dtr 0.5A, R2 10k |
| L20 | BAS29 | Nat | C | SOT23 | Si diode 120V 50mA |
| L21 | BAS31 | Nat | D | SOT23 | dual BAS29 diodes |
| L22 | BAS35 | Nat | A | SOT23 | dual BAS29 diodes |
| L14 | DTD114GK | Rho | N | SC59 | npn dtr 0.5A, R2 10k |
| L30 | BAV23 | Phi | S | SOT143 | dual 200V 225mA diodes |
| L41 | BAT74 | Phi | S | SOT143 | 2x BAT85 |
| L42p | BAT54A | Phi | A | SOT23 | dual c anode schottky |
| L43p | BAT54C | Phi | B | SOT23 | dual c cathode schottky |
| L44p | BAT54S | Phi | D | SOT23 | dual series schottky |
| L51 | BAS56 | Phi | S | SOT143 | dual 60V 200mA diodes |
| LAp | BF550 | Phi | N | SOT23 | pnp 40V 25mA |
| LB | S525T | Tfk | G | - | n-ch vhf mosfet 200MHz |
| LBs | BF999 | Sie | G | SOT23 | n-ch vhf mosfet 300MHz |
| LDs | BF543 | Sie | G | SOT23 | n-ch vhf mosfet 300MHz |
| LEs | BF660 | Sie | N | SOT23 | BF606A pnp vhf osc fT 800MHz |
| LGs | BF775A | Sie | N | SOT23 | npn RF fT 5.6GHz for IF amp |
| LHs | BF569 | Sie | N | SOT23 | BF970 pnp RF |
| LKs | BF799 | Sie | N | SOT23 | BF959 |
| LKs | BF799W | Sie | N | SOT323 | BF959 |
| LH | BF569R | Tfk | R | - | BF970 pnp RF |
| LM | BST120 | Phi | T | - | p-ch DMOSfet 60V 0.3A |
| LN | BST122 | Phi | T | - | p-ch DMOSfet 50V 0.25A |
| LKs | BF799 | Sie | N | SOT23 | BF959 |
| LKs | BF799W | Sie | N | SOT323 | BF959 |
| LOs | BF775 | Sie | N | SOT23 | BFQ69 |
| LOs | BF775W | Sie | N | SOT323 | BFQ69 |
| LRs | BF517 | Sie | T | SOT23 | BF763 2.5 GHz |
| LSs | BF770A | Sie | N | SOT23 | npn low noise RF, Ft 6GHz |

Codes beginning with 'M'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|------------|--------------|------|---------|---------------------------|
| M (blue) | BAR65-03W | Sie | I | SOD323 | pin diode |
| M (white) | BBY55-03W | Sie | I | SOD323 | 5.4-2.3pF varicap in |
| M | BAR64-02W | Sie | I | SCD80 | pin diode |
| M | BAR65-07 | Sie | S | SOT143 | dual pin diode |
| M08 | PMBFJ308 | Phi | F | SOT23 | VHF n-ch JFET J308 |
| M09 | PMBFJ309 | Phi | F | SOT23 | VHF n-ch JFET J309 |
| M10 | PMBFJ310 | Phi | F | SOT23 | VHF n-ch JFET J310 |
| M1 | BFR30 | Phi | F | SOT23 | BFW11 BF245 |
| M1B | MMBT2222L | Mot | N | SOT23 | 2N2222 |
| M1E | MMBTA43L | Mot | N | SOT23 | MPSA43 200V Vce npn |
| M1F | MMBT5550L | Mot | N | SOT23 | 2N5550 npn 140V |
| M1J | MMBT2369L | Mot | N | SOT23 | 2N2369A |
| M2 | BFR31 | Phi | F | SOT23 | BFW12 BF245 |
| M2B | MMBT2907L | Mot | N | SOT23 | 2N2907 pnp gp |
| M2C | MMBTA70L | Mot | N | SOT23 | gp pnp MPSA70 |
| M3 | BFT46 | Phi | F | SOT23 | n-ch fet gp low level amp |
| M3 | MMBA812M3 | Mot | N | - | 2N5086 hfe 60-120 pnp |
| M3A | MMBTH24L | Mot | N | SOT23 | nnp VHF amp 400MHz ft 30V |
| M3B | MMBT918L | Mot | N | SOT23 | 2N918 UHF amp |
| M3J | MMBTH69L | Mot | N | SOT23 | pnp VHF amp 2GHz ft 15V |
| M4 | BSR56 | Phi | F | - | 2N4856 n-ch fet |
| M4 | MBD110DW | Mot | DL | SOT363 | dual UHF schottky |
| M4A | MMBV109 | Mot | C | SOT323 | Hyperabrupt varicap |
| M4B | MMBV432 | Mot | B | SOT23 | dual cc varicap 45pF/2V |
| M4C | MMBV3102 | Mot | C | SOT23 | Hyperabrupt varicap |
| M4E | MMBV105G | Mot | C | SOT23 | Hyperabrupt varicap |
| M4F | MMBD353 | Mot | D | SOT23 | dual MBD101 in series |
| M4G | MMBV2101 | Mot | C | SOT23 | varicap 6.8pF MV2101 |
| M5 | BSR57 | Phi | F | - | 2N5457 n-ch fet |
| M5 | MMBA812M5 | Mot | N | - | 2N5086 hfe 135-270 pnp |
| M5C | MMBD7000 | Mot | D | SOT23 | 100V 2x series sw diodes |
| M5 | MMBD352W | Mot | Z | SOT323 | 2x MBD101 in series |
| M6 | BSR58 | Phi | F | SOT23 | 2N4858 n-ch fet |
| M6 | MMBA812M6 | Mot | N | - | 2N5086 hfe 200-400 pnp |
| M6 | BSS66 | Zet | N | - | nnp 40V 0.1A sw ft 250MHz |
| M6A | MMBF4416 | Mot | F | SOT23 | 2N4416 n-ch rf jfet |
| M6B | MMBF5484 | Mot | F | SOT23 | 2N5484 n-ch rf jfet |
| M6C | MMBFU310 | Mot | F | SOT23 | U310 n-ch rf jfet |
| M6E | MMBF5460 | Mot | F | SOT23 | 2N5460 n-ch rf jfet |
| M6H | MMBD354 | Mot | A | SOT23 | dual MBD101 cc |
| M7 | BSS67 | Zet | N | - | nnp 40V 0.1A sw ft 300MHz |
| M7 | MMBA812M7 | Mot | N | - | 2N5086 hfe 300-600 pnp |
| M8 | BSS66R | Zet | R | - | nnp 40V 0.1A sw ft 250MHz |
| M8 | BSH103 | Phi | M | SOT23 | n-ch 50V 0.11A mosfet |
| M8p | BSN20 | Phi | M | SOT23 | n-ch 50V 0.11A mosfet |
| M9 | BSS67R | Zet | R | - | nnp 40V 0.1A sw ft 300MHz |
| M10 | PMBFJ310 | Phi | F | SOT23 | J310 n-ch jfet |
| M31 | BSD20 | Phi | XQ | - | n-ch depl sw mosfet 10V |
| M32 | BSD22 | Phi | XQ | - | n-ch depl sw mosfet 20V |
| M56 | BF1100 | Phi | W | SOT143 | dg mosfet 14V 30mA 0.2W |
| M57 | BF1100R | Phi | UQ | SOT143R | dg mosfet 14V 30mA 0.2W |
| M74 | BSS83 | Phi | XQ | - | n-ch enh sw mosfet |
| M89 | BF989 | Phi | K | - | BF960 |
| M90 | BF990 | Phi | W | - | BF980 |
| M91 | BF991 | Phi | W | - | BF981 |
| M92 | BF992 | Phi | W | - | BF982 |
| M94 | BF994 | Phi | W | - | BF964 |
| M96 | BF996 | Phi | W | - | BF966 |
| M97 | BFR101A | - | - | - | - |
| M98 | BFR101B | - | - | - | - |
| MA | M1MA151AT | Mot | E | SOT346 | 40V 100mA sw diode |
| MA | MBT3904DW1 | Mot | DN | SOT363 | dual 2N3904 |
| MA | M1MA152AT | Mot | E | SOT346 | 80V 100mA sw diode |
| MA | BFS17 | - | N | SOT23 | BFW92 |

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|------------|------------|-----|----|---------|--------------------------|
| MB | BF995 | Sie | W | - | n-ch vhf dg mosfet BF961 |
| MB | MBT3904DW9 | Mot | - | - | dual 2N3904 |
| MCs | BFS17P | Sie | N | SOT23 | BFW92 |
| MCs | BFS17PW | Sie | N | SOT323 | BFW92 |
| MC | ZVN3306F | Zet | M | SOT23 | n-ch mosfet 60V 150mA |
| MF | ZVN3310F | Zet | M | SOT23 | n-ch mosfet 100V 100mA |
| MG | BF994S | Tfk | W | - | BF964 n-ch dg vhf mosfet |
| MH | BF996S | Tfk | W | - | BF966 n-ch dg vhf mosfet |
| MH | M1MA141KT | Mot | C | SOT323 | 40V 100mA sw diode |
| MH | M1MA151KT | Mot | C | SOT346 | 40V 100mA sw diode |
| MI | M1MA142KT | Mot | C | SOT323 | 80V 100mA sw diode |
| MI | M1MA152KT | Mot | C | SOT346 | 80V 100mA sw diode |
| ML | ZVP3306F | Zet | M | SOT23 | p-ch mosfet 60V 90mA |
| MN | M1MA141WA | Mot | A | SOT323 | d diode ca 40V 100mA |
| MN | M1MA151WA | Mot | A | SOT346 | d diode ca 40V 100mA |
| MO | M1MA142W | Mot | A | SOT323 | d diode ca 80V 100mA |
| MO | M1MA152W | Mot | A | SOT346 | d diode ca 80V 100mA |
| MOs | BF998 | Sie | W | SOT143 | n-ch vhf dg mosfet BF988 |
| MOR | BF998R | Tfk | UQ | SOT143R | n-ch vhf dg mosfet BF988 |
| MR | BF998W | Sie | UQ | SOT343 | n-ch vhf dg mosfet BF988 |
| MR | ZVP3310F | Zet | M | SOT23 | p-ch mosfet 100V 75mA |
| MS | CF739 | Sie | W | - | dg GaAsfet 2GHz |
| MT | M1MA141WK | Mot | B | SOT323 | dual diode cc 40V 100mA |
| MT | M1MA151WK | Mot | B | SOT346 | dual diode cc 40V 100mA |
| MU | M1MA142WK | Mot | B | SOT323 | dual diode cc 80V 100mA |
| MU | M1MA152WK | Mot | B | SOT346 | dual diode cc 80V 100mA |
| MU | ZVN3320F | Zet | M | SOT23 | n-ch mosfet 200V 60mA |
| MX | CF750 | Sie | U | - | biased dg GaAsfet, 3-6V |
| MY | VN10LF | Zet | M | SOT23 | n-ch mosfet 60V 150mA |
| MY | BF1012 | Sie | W | - | n-ch dg mosfet 1GHz 12V |
| MZ | ZVN4106F | Zet | M | SOT23 | n-ch mosfet 60V 200mA |
| MZ | BF1005 | Sie | W | - | n-ch dg mosfet 1GHz 5V |

Codes beginning with 'N'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|-------------|--------------|------|---------|----------------------------|
| N | DAN202K | Roh | B | - | 80V 100mA dual diode |
| N0 | TN0200T | Nat | M | SOT23 | n-ch mosfet 0.6A Id |
| N1 | MMBT100 | Nat | N | - | npn gp sw 500mA |
| N1 | MMBF201N | Mot | M | SOT23 | n-ch tmosfet 20V 0.3A Id |
| N1 | MRF571 | Mot | N | SOT416 | 8 GHz 40mA npn RF |
| N1 | TN0201T | Tem | M | SOT23 | n-ch mosfet 0.3A Id 0.2W |
| N2 | MGSF1N02LT1 | Mot | M | SOT23 | n-ch mosfet, 20V 85mA |
| N2 | MMBC1653N2 | Mot | N | - | npn 130V 50mA hfe 50-130 |
| N2 | BFS520 | Phi | N | SOT323 | npn RF 9GHz 70mA |
| N3 | MMBC1653N3 | Mot | N | - | npn 130V 50mA hfe 100-220 |
| N3 | MGSF1N03L | Mot | M | SOT23 | n-ch TMOS mosfet 30V 0.75A |
| N4 | MMBC1653N4 | Mot | N | - | npn 130V 50mA hfe 150-330 |
| N5 | MMBC1654N5 | Mot | N | - | npn 160V 50mA hfe 50-130 |
| N6 | MMBC1653N6 | Mot | N | - | npn 160V 50mA hfe 100-220 |
| N6 | BFS25A | Phi | N | SOT323 | npn RF 5GHz 6.5mA 32 mW |
| N7 | MMBC1653N7 | Mot | N | - | npn 160V 50mA hfe 150-330 |
| N9 | DAN222 | Mot | B | SOT416 | dual cc si diode |
| N05 | SO2484 | SGS | N | - | 2N2484 |
| N08 | SO930 | SGS | N | - | 2N930 |
| N10 | SO918 | SGS | N | - | 2N918 |
| N11 | SO2369 | SGS | N | - | 2N2369 |
| N12 | SO2221 | SGS | N | - | 2N2221 |
| N13 | SO2222 | SGS | N | - | 2N2222 |
| N18 | SO1711 | SGS | N | - | 2N1711 |
| N20 | SO2222A | SGS | N | - | 2N2222A |
| N27 | SO1893 | SGS | N | - | 2N1893 |
| N28 | BFR520 | Phi | N | SOT23 | npn RF 9GHz 70mA |
| N29 | BFR540 | Phi | N | SOT23 | npn RF 9GHz 120mA |

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|-----|-----------|-----|----|--------|-----------------------------|
| N30 | BFR505 | Phi | N | SOT23 | npn RF 9GHz 15V 18mA |
| N33 | BFG505 | Phi | TQ | SOT143 | npn RF 9GHz 15V 18mA |
| N36 | BFG520 | Phi | X | SOT143 | npn RF 9GHz 70mA |
| N37 | BFG540 | Phi | X | SOT143 | npn RF 9GHz 120mA |
| N38 | BFG590 | Phi | TQ | SOT143 | npn RF 5GHz 15V 0.2A |
| N39 | BFG505X | Phi | X | - | npn RF 9GHz 15V 18mA |
| N44 | BFG590X | Phi | X | - | npn RF 5GHz 15V 0.2A |
| N54 | SO2221A | SGS | N | - | 2N2221A |
| N70 | BFG10 | Phi | TQ | SOT143 | npn 8V 250mA 1.8GHz pwr amp |
| N71 | SO3904 | SGS | N | - | 2N3904 |
| N71 | BFG10X | Phi | X | - | 8V 250mA 1.8GHz pwr amp |
| N72 | BFG11 | Phi | TQ | SOT143 | 8V 400mA 1.8GHz pwr amp |
| N72 | SO3903 | SGS | N | - | 2N3903 |
| N73 | BFG11X | Phi | X | - | 8V 400mA 1.8GHz pwr amp |
| N79 | SO5550 | SGS | N | - | 2N5550 |
| N80 | SO5551 | SGS | N | - | 2N5551 |
| N81 | SO2369A | SGS | N | - | 2N2369A |
| N91 | SO642 | SGS | N | - | npn Vce 300V |
| N94 | SO517 | SGS | N | - | npn darlington |
| NA | CFY35-20 | Sie | DM | - | 10GHz GaAsfet |
| NB | CFY35-23 | Sie | DM | - | 10GHz GaAsfet |
| NY | BF1012s | Sie | W | - | n-ch dg mosfet 1GHz 12V |
| NZ | MGSF1N02L | Mot | M | - | n-ch TMOS FET |

Codes beginning with 'O'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|-----------|--------------|------|---------|------------------------|
| O (white) | BAT14-03W | Sie | I | SOD323 | RF Schottky 4V 90mA |
| O05 | SO2484R | SGS | R | - | 2N2484 |
| O08 | SO930R | SGS | R | - | 2N930 |
| O10 | SO918R | SGS | R | - | 2N918 |
| O12 | SO2221R | SGS | R | - | 2N2221 |
| O13 | SO2222R | SGS | R | - | 2N2222 |
| O2 | BST82 | Phi | M | SOT23 | n-ch mosfet 80V 175mA |
| O20 | SO2222AR | SGS | R | - | 2N2222A |
| O27 | SO1893R | SGS | R | - | 2N1893 |
| O54 | SO2221AR | SGS | R | - | 2N2221A |
| O79 | SO5550R | SGS | R | - | 2N5550 |
| O80 | SO5551R | SGS | R | - | 2N5551 |
| O91 | SO642R | SGS | R | - | npn Vce 300V |

Codes beginning with 'P'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|-----------|--------------|------|---------|---------------------------------|
| P (white) | BAT15-03W | Sie | I | SOD323 | RF Schottky 4V 100mA |
| P | KV1841E | Tok | I | URD | uhf varicap 7-15pF |
| P | DAP202K | Roh | A | - | 80V 100mA dual |
| P0 | BFP90A | Phi | CX | SOT173 | BFG90A |
| P0 | TP0101T | Tem | M | SOT23 | p-ch mosfet 0.5A 12V |
| P0 | HSMS-285B | HP | C | SOT323 | zero-bias schottky diode uW det |
| P0 | HSMS-2850 | HP | C | SOT23 | zero-bias schottky diode uW det |
| P01 | SO2906 | SGS | N | - | 2N2906 |
| P01 | SST201 | Sil | F | SOT23 | J201 n-ch fet |
| P02 | SST202 | Sil | F | SOT23 | J202 n-ch fet |
| P03 | SO2907A | SGS | N | - | 2N2907A |
| P03 | SST203 | Sil | F | SOT23 | J203 n-ch fet |
| P04 | SST204 | Sil | F | SOT23 | J204 n-ch fet |
| P05 | SO2907 | SGS | N | - | 2N2907 |
| P06 | SO2894 | SGS | N | - | 2N2894 |
| P1 | BFP91A | Phi | CX | SOT173 | BFG91A |

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|------------|------------|-----|----|--------|------------------------------|
| P1 | SST201 | Tem | F | SOT23 | J201 n-ch jfet |
| P1D | PZTA42 | Mot | P | - | MPSA42 10mA 300V npn |
| P1F | PZT2222A | Mot | P | - | 2N2222A sw npn |
| P1N | PZTA14 | Mot | P | - | MPSA14 darlington |
| P1 | BFR92 | Phi | N | SOT23 | BFR90 |
| P1D | PZTA42 | Mot | P | - | MPSA42 300V npn |
| P1N | PZTA14 | Mot | P | - | npn darlington MPSA14 |
| P2 | BFR92A | Phi | N | SOT23 | BFR90A |
| P2p | BFR92AW | Phi | N | SOT323 | BFR90A |
| P2 | HSMSM-285C | HP | D | SOT323 | dual series HSMS-285B |
| P2 | HSMSM-2852 | HP | D | SOT23 | dual series HSMS-285B |
| P2D | PZTA92 | Mot | P | - | MPSA92 300V pnp |
| P2F | PZT2907A | Mot | P | - | 2N2907A sw pnp |
| P2V | PZTA64 | Mot | P | - | MPSA64 darlington |
| P3 | MMBF2202P | Mot | M | SOT23 | p-ch TMOSfet 0.3A 20V |
| P3 | TP0202T | Tem | M | - | p-ch mosfet 0.3A 20V |
| P4 | BFR92R | Phi | R | SOT23R | BFR90 |
| P5 | BFR92AR | Phi | R | SOT23R | BFR90A |
| P5 | FMMT2369A | Zet | N | - | 2N2369A |
| P5 | HSMSM-2855 | HP | S | SOT143 | separate pair HSMS-2850 |
| P6 | BFP96 | Phi | CX | SOT173 | BFG96 |
| P8A | FLLD258 | Zet | B | SOT23 | low leakage dual ca Si diode |
| P9 | BCX70KR | Phi | R | SOT23R | BCY59-x |
| P9 | DAP222 | Mot | A | SOT416 | dual ca sw diode |
| P12 | SO2906A | SGS | N | - | 2N2906A |
| P25 | SO3906 | SGS | N | - | 2N3906 |
| P26 | SO3905 | SGS | N | - | 2N3905 |
| P32 | SO5400 | SGS | N | - | 2N5400 |
| P33 | SO5401 | SGS | N | - | 2N5401 |
| P38 | SST4338 | Sil | F | SOT23 | 2N4338 |
| P39 | SST4339 | Sil | F | - | 2N4339 |
| P39 | SO692 | SGS | - | - | pnp Vce 300V |
| P40 | SST4340 | Sil | F | SOT23 | 2N4340 |
| P41 | SST4341 | Sil | F | SOT23 | 2N4341 |
| P57 | SST5457 | Sil | F | SOT23 | 2N5457 |
| P58 | SST5458 | Sil | F | SOT23 | 2N5458 |
| P59 | SST5459 | Sil | F | SOT23 | 2N5459 |
| P60 | SST5460 | Sil | F | SOT23 | 2N5460 |
| P61 | SST5461 | Sil | F | SOT23 | 2N5461 |
| P62 | SST5462 | Sil | F | SOT23 | 2N5462 |
| P63 | SST5463 | Sil | F | SOT23 | 2N5463 |
| P64 | SST5464 | Sil | F | SOT23 | 2N5464 |
| P65 | SST5465 | Sil | F | SOT23 | 2N5465 |
| PC | MGSF1P02L | Mot | M | SOT23 | p ch enh tmosfet |
| PD | BSS84L | Mot | M | SOT23 | p-ch enh tmosfet |
| PH2 | SST4302 | Sil | F | SOT23 | 2N4302 |
| PH3 | SST4303 | Sil | F | SOT23 | 2N4303 |
| PH4 | SST4304 | Sil | F | SOT23 | 2N4304 |
| PL | BB149A | Phi | I | SOD323 | 2-18pF varicap |
| POs | BAR64 | Sie | C | SOT23 | single 200V RF pin |
| PPs | BAR64-04 | Sie | D | SOT23 | dual series 200V RF pin |
| PPs | BAR64-04W | Sie | D | SOT323 | dual series 200V RF pin |
| PRs | BAR64-05 | Sie | B | SOT23 | dual cc 200V RF pin |
| PRs | BAR64-05W | Sie | B | SOT323 | dual cc 200V RF pin |
| PSs | BAR64-06 | Sie | A | SOT23 | dual ca 200V RF pin |
| PSs | BAR64-06W | Sie | A | SOT323 | dual ca 200V RF pin |

Codes beginning with 'Q'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|-----------|------------|--------------|------|---------|-------------------------------|
| Q3 | MMBC1321Q3 | Mot | N | - | nnp VHF amp fT 0.6GHz |
| Q4 | MMBC1321Q4 | Mot | N | - | nnp VHF amp fT 0.6GHz |
| Q5 | MMBC1321Q5 | Mot | N | - | nnp VHF amp fT 0.6GHz |
| QQ | 2SC4536 | Nec | P | - | nnp RF fT 5.7GHz 2W hFE 40-80 |

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|----|---------|-----|---|---|---------------------------------|
| QR | 2SC4536 | Nec | P | - | npn RF fT 5.7GHz 2W hFE 60-120 |
| QS | 2SC4536 | Nec | P | - | npn RF fT 5.7GHz 2W hFE 100-200 |

Codes beginning with 'R'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|-----------|--------------|------|---------|-------------------------------|
| R | BA895 | Sie | I | SCD80 | - |
| R | BA585 | Sie | I | SOD123 | pin diode 50mA max |
| R (yellow) | BA597 | Sie | I | SOD323 | UHF pin diode 100mA max |
| R (white) | BA595 | Sie | I | SOD323 | UHF pin diode 50mA max |
| R1 | BFR93 | SGS | N | SOT23 | BFR91 |
| R1 | HSMS-8101 | HP | K | SOT23 | 10-14GHz schottky mixer |
| R1 | UMT4401 | Rho | N | SC70 | 2N4401 |
| R1A | SST3904 | Rho | N | SOT23 | 2N3904 |
| R1A | UMT3904 | Rho | N | SC70 | 2N3904 |
| R1A | MMST3904 | Rho | N | SC59 | 2N3904 |
| R1G | SSTA06 | Rho | N | SOT23 | MPSA06 |
| R1G | MMSTA06 | Rho | N | SC59 | MPSA06 |
| R1H | SSTA05 | Rho | N | SOT23 | MPSA05 |
| R1J | SST6427 | Rho | N | SOT23 | - |
| R1K | MMST6428 | Rho | N | SC59 | - |
| R1M | SSTA13 | Rho | N | SOT23 | MPSA13 |
| R1M | MMSTA13 | Rho | N | SC59 | MPSA13 |
| R1N | SSTA14 | Rho | N | SOT23 | MPSA14 |
| R1N | MMSTA14 | Rho | N | SC59 | MPSA14 |
| R1O | MMST5088 | Rho | N | SC59 | 2N5088 |
| R1P | SST2222A | Rho | N | SOT23 | 2N2222A |
| R1P | UMT2222A | Rho | N | SC70 | 2N2222A |
| R1P | MMST2222A | Rho | N | SC59 | 2N2222A |
| R2 | BFR93A | Phi | N | SOT23 | BFR91A |
| R2 | 2SC2351P | Nec | N | SOT23 | npn RF fT 4.5 GHz hfe 40-120 |
| R2 | 2SC4225 | Nec | N | SOT323 | npn RF fT 4GHz hfe 40-120 |
| R2A | SST3906 | Rho | N | SOT23 | 2N3906 |
| R2A | UMT3906 | Rho | N | SC70 | 2N3906 |
| R2A | MMST3906 | Rho | N | SC59 | 2N3906 |
| R2B | MMST2907 | Rho | N | SC59 | 2N2907 |
| R2F | SST2907A | Rho | N | SOT23 | 2N2907A |
| R2F | UMT2907A | Rho | N | SC70 | 2N2907A |
| R2F | MMST2907A | Rho | N | SC59 | 2N2907A |
| R2G | SSTA56 | Rho | N | SOT23 | MPSA56 |
| R2G | MMSTA56 | Rho | N | SC59 | MPSA56 |
| R2K | MMST8598 | Rho | N | SC59 | - |
| R2O | MMST5087 | Rho | N | SC59 | - |
| R2P | MMST5086 | Rho | N | SC59 | - |
| R2T | SST4403 | Rho | N | SOT23 | 2N4403 |
| R2T | UMT4403 | Rho | N | SC70 | 2N4403 |
| R2T | MMST4403 | Rho | N | SC59 | 2N4403 |
| R2V | MMSTA64 | Rho | N | SC59 | MPSA64 |
| R2X | SST4401 | Rho | N | SCOT23 | 2N4401 |
| R2X | MMST4401 | Rho | N | SC59 | 2N4401 |
| R3 | 2SC2351Q | Nec | N | SOT23 | npn RF fT 4.5 GHz hfe 100-200 |
| R3 | 2SC4225 | Nec | N | SOT323 | npn RF fT 4GHz hfe 100-200 |
| R3B | SST918 | Rho | N | SOT23 | 2N918 |
| R3B | MMST918 | Rho | N | SC59 | 2N918 |
| R4 | BFR93R | Tfk | R | - | BFR91 |
| R4 | 2SC4092 | Nec | WQ | SOT143 | npn RF fT 6GHz hfe 40-120 |
| R5 | HSMS-8205 | HP | S | SOT143 | separate pair HSMS-8101 |
| R5 | BFR93AR | SGS | R | SOT23R | BFR91A |
| R5 | 2SC4092 | Nec | WQ | SOT143 | npn RF fT 6GHz hfe 100-200 |
| R6A | 2SC4187 | Nec | N | SOT323 | npn RF fT 4GHz hfe 50-100 |
| R6B | 2SC4187 | Nec | N | SOT323 | npn RF fT 4GHz hfe 80-160 |
| R6C | 2SC4187 | Nec | N | SOT323 | npn RF fT 4GHz hfe 125-250 |
| R7 | HSMS-8207 | HP | RQ | SOT145 | HSMS-8101 ring quad mixer |
| R7 | BFR106 | Phi | N | SOT23 | BFR96S |

| | | | | | |
|-------------|----------|-----|----|--------|-------------------------------|
| R8 | BFG93A | Sie | TQ | SOT143 | BFG90 |
| R13 | 2SC4885 | Nec | WQ | SOT143 | npn RF fT 3.5GHz |
| R22 | 2SC3356 | Nec | N | SOT23 | npn RF fT 7GHz 20V 0.2W |
| R23 | 2SC3356Q | Nec | N | SOT23 | npn RF fT 7GHz hfe 50-100 |
| R23 | 2SC4226 | Nec | N | SOT323 | npn RF fT 4.5 GHz hfe 40-80 |
| R24 | 2SC3356R | Nec | N | SOT23 | npn RF fT 7GHz hfe 80-160 |
| R24 | 2SC4226 | Nec | N | SOT323 | npn RF fT 4.5 GHz hfe 70-140 |
| R25 | 2SC3356S | Nec | N | SOT23 | npn RF fT 7GHz hfe 125-250 |
| R25 | 2SC4226 | Nec | N | SOT323 | npn RF fT 4.5 GHz hfe 125-250 |
| R26 | 2SC4093Q | Nec | WQ | SOT143 | npn RF fT 6.5 GHz hfe 50-100 |
| R26 | 2SC5011Q | Nec | WQ | SOT343 | npn RF fT 6.5 GHz hfe 50-100 |
| R27 | 2SC4093R | Nec | WQ | SOT143 | npn RF fT 6.5 GHz hfe 80-160 |
| R27 | 2SC5011R | Nec | WQ | SOT343 | npn RF fT 6.5 GHz hfe 80-160 |
| R28 | 2SC4093S | Nec | WQ | SOT143 | npn RF fT 6.5 GHz hfe 125-250 |
| R28 | 2SC5011S | Nec | WQ | SOT343 | npn RF fT 6.5 GHz hfe 125-250 |
| R32 | 2SC3583 | Nec | N | SOT23 | npn RF fT 9GHz @ 20mA |
| R33 | 2SC3583Q | Nec | N | SOT23 | npn RF fT 9GHz hfe 50-100 |
| R33 | 2SC4227 | Nec | N | SOT323 | npn RF fT 7 GHz hfe 40-90 |
| R34 | 2SC3583R | Nec | N | SOT23 | npn RF fT 9GHz hfe 80-160 |
| R34 | 2SC4227 | Nec | N | SOT323 | npn RF fT 7 GHz hfe 70-150 |
| R35 | 2SC3583S | Nec | N | SOT23 | npn RF fT 9GHz hfe 125-250 |
| R35 | 2SC4227 | Nec | N | SOT323 | npn RF fT 7 GHz hfe 110-240 |
| R36 | 2SC4094Q | Nec | WQ | SOT143 | npn RF fT 9GHz hfe 50-100 |
| R36 | 2SC5012 | Nec | WQ | SOT343 | npn RF fT 9GHz hfe 50-100 |
| R37 | 2SC4094R | Nec | WQ | SOT143 | npn RF fT 9GHz hfe 80-160 |
| R37 | 2SC5012 | Nec | WQ | SOT343 | 2SC4094 but min-mold pkg |
| R38 | 2SC4094S | Nec | WQ | SOT143 | npn RF fT 9GHz hfe 125-250 |
| R38 | 2SC5012 | Nec | WQ | SOT343 | npn RF fT 9GHz hfe 125-250 |
| R42 | 2SC3585 | Nec | N | SOT23 | npn RF fT 10GHz @ 10mA |
| R43 | 2SC3585Q | Nec | N | SOT23 | npn RF fT 10GHz hfe 50-100 |
| R43 | 2SC4228 | Nec | N | SOT323 | npn RF fT 8.5GHz hfe 50-100 |
| R44 | 2SC3585R | Nec | N | SOT23 | npn RFFt 10GHz hfe 80-160 |
| R44 | 2SC4228 | Nec | N | SOT323 | npn RF fT 8.5GHz hfe 80-160 |
| R45 | 2SC3585S | Nec | N | SOT23 | npn RF fT 10GHz hfe 125-250 |
| R45 | 2SC4228 | Nec | N | SOT323 | npn RF fT 8.5GHz hfe 125-250 |
| R46 | 2SC4095Q | Nec | WQ | SOT143 | npn fT10GHz |
| R46 | 2SC5013Q | Nec | WQ | SOT343 | npn fT10GHz |
| R47 | 2SC4095R | Nec | WQ | SOT143 | npn fT10GHz |
| R47 | 2SC5013R | Nec | WQ | SOT343 | npn fT10GHz |
| R48 | 2SC4095S | Nec | WQ | SOT143 | npn fT10GHz |
| R48 | 2SC5013S | Nec | WQ | SOT343 | npn fT10GHz |
| R62 | 2SC3663 | Nec | N | SOT23 | npn RF fT 4GHz @1mA |
| R64 | 2SC4091 | Nec | WQ | - | npn RF fT 4GHz @1mA |
| R66 | 2SC4091Q | Nec | WQ | SOT143 | npn RF fT 4GHz hfe 50-100 |
| R67 | 2SC4091R | Nec | WQ | SOT143 | npn RF fT 4GHz hfe 80-160 |
| R68 | 2SC4091S | Nec | WQ | SOT143 | npn RF fT 4GHz hfe 125-250 |
| R97 | SSTIS97 | Rho | N | SOT23 | TIS97 |
| RA | BFQ81 | Sie | N | SOT23 | BFQ69 npn fT 5.8GHz |
| RA s | BF772 | Sie | X | SOT143 | npn RF TV tuners |
| RAT | SSTA28 | Rho | N | SOT23 | MPSA28 |
| RAT | MMSTA28 | Rho | N | SC59 | MPSA28 |
| RAV | MMST8908 | Rho | N | SC59 | - |
| RBR | SST6838 | Rho | N | SOT23 | - |
| RB | MSC1621 | Mot | H | - | npn sw 20V 200MHz |
| RB s | BF771 | Sie | N | SOT23 | npn RF fT 8GHz |
| RB s | BF771W | Sie | N | SOT323 | npn RF fT 8GHz |
| RC s | BFP193 | Sie | X | SOT143 | BFQ82 npn fT 8GHz |
| RC s | BFP193W | Sie | WQ | SOT343 | BFQ82 npn fT 8GHz |
| RC s | BFR193 | Sie | N | SOT23 | BFQ82 npn fT 8GHz |
| RC s | BFR193T | Sie | N | SC75 | BFQ82 npn fT 8GHz |
| RD s | BFP180 | Sie | X | SOT143 | npn RF 8V 4mA fT 7GHz |
| RD s | BFP180W | Sie | WQ | SOT343 | npn RF 8V 4mA fT 7GHz |
| RD s | BFR180 | Sie | N | SOT23 | npn RF 8V 4mA fT 7GHz |
| RD s | BFR180W | Sie | N | SOT323 | npn RF 8V 4mA fT 7GHz |
| RE s | BFS480 | Sie | DJ | SOT363 | dual RF npn fT 7GHz |

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|-----|-----------|-----|----|--------|----------------------------|
| REs | BFR280 | Sie | N | SOT23 | npn RF 8V 8mA fT 7.5GHz |
| REs | BFR280W | Sie | N | SOT323 | npn RF 8V 8mA fT 7.5GHz |
| REs | BFP280 | Sie | X | SOT143 | npn RF 8V 8mA fT 7.5GHz |
| REs | BFP280W | Sie | WQ | SOT343 | npn RF 8V 8mA fT 7.5GHz |
| RE | 2SC3357 | Nec | P | SOT89 | npn RF 1.2W fT 6.5GHz |
| RFs | BFR181 | Sie | N | SOT23 | npn RF 12V 20mA fT 8GHz |
| RFs | BFP181 | Sie | X | SOT143 | npn RF 12V 20mA fT 8GHz |
| RFs | BFP181W | Sie | WQ | SOT343 | npn RF 12V 20mA fT 8GHz |
| RFs | BFS481 | Sie | DJ | SOT363 | Dual BFR181 |
| RF | 2SC3357 | Nec | P | SOT89 | npn RF 1.2W fT 6.5GHz |
| RFQ | SST6839 | Rho | N | SOT23 | - |
| RGs | BFR182 | Sie | N | SOT23 | npn RF12V 35mA fT 8GHz |
| RGs | BFR182W | Sie | N | SOT323 | npn RF12V 35mA fT 8GHz |
| RGs | BFP182 | Sie | X | SOT143 | npn RF12V 35mA fT 8GHz |
| RGs | BFP182W | Sie | WQ | SOT343 | npn RF12V 35mA fT 8GHz |
| RGs | BFR182T | Sie | N | SC75 | npn RF12V 35mA fT 8GHz |
| RGs | BFS482 | Sie | DJ | SOT363 | Dual BFR182 |
| RHs | BFR183 | Sie | N | SOT23 | npn RF 12V 65mA fT 8GHz |
| RHs | BFR183W | Sie | N | SOT323 | npn RF 12V 65mA fT 8GHz |
| RHs | BFR183T | Sie | N | SC75 | npn RF 12V 65mA fT 8GHz |
| RHs | BFP183 | Sie | X | SOT143 | npn RF 12V 65mA fT 8GHz |
| RHs | BFP183W | Sie | WQ | SOT343 | npn RF 12V 65mA fT 8GHz |
| RH | 2SC3357 | Nec | P | SOT89 | npn RF 1.2W fT 6.5GHz |
| RHs | BFS483 | Sie | DJ | SOT363 | Dual BFR183 npn RF |
| RI | BFP196 | Sie | X | SOT143 | pnp RF 12V 100mA Ft 7.5GHz |
| RKs | BFP194 | Sie | X | SOT143 | pnp RF 15V 100mA Ft 5GHz |
| RKs | BFR194 | Sie | N | SOT233 | pnp RF 15V 100mA Ft 5GHz |
| RKM | RK7002 | Rho | - | SOT23 | - |
| RK | 2SC3357 | Nec | P | SOT89 | npn RF 1.2W fT 6.5GHz |
| RR | BBY59-02V | Inf | I | SC79 | hyperabrupt varicap 7-28pF |
| RR | BFR93P | Sie | N | SOT23 | BFR91 |
| RVZ | MMST4126 | Rho | N | SC59 | 2N4126 |
| RW | BFR194 | Sie | N | - | pnp RF amp 1.5GHz |
| RZC | SST4124 | Rho | N | SOT23 | 2N4124 |
| RZC | MMST4124 | Rho | N | SC59 | 2N4124 |

Codes beginning with 'S'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|------------|--------------|------|---------|--------------------------|
| S (blue) | BA592 | Sie | I | SOD323 | BA282 |
| S (red) | BB640 | Sie | I | SOD323 | 70-3pF varicap |
| S (white) | BB535 | Sie | I | SOD323 | 18-2pF varicap |
| S (yellow) | BB639 | Sie | I | SOD323 | 39-2.7pF varicap |
| S | BB811 | Sie | I | - | 9.8pF @ 1V 30V max |
| S | BAP64-02 | Phi | I | SOD523 | 3GHz pin diode |
| S0 | HSMP-3880 | HP | C | SOT23 | pin sw diode |
| S1 | HSMP-3881 | HP | K | SOT23 | pin sw diode |
| S1 | BBY31 | Phi | C | SOT23 | BB405 |
| S1A | S1A | Fch | I | DO214 | 1N4001 |
| S1B | S1B | Fch | I | DO214 | 1N4002 |
| S1D | S1D | Fch | I | DO214 | 1N4003 |
| S1G | S1G | Fch | I | DO214 | 1N4004 |
| S1J | S1J | Fch | I | DO214 | 1N4005 |
| S2 | BBY40 | Phi | C | SOT23 | BB809 |
| S2 | BFQ31 | Zet | N | - | npn vhf 15V 0.1A |
| S3 | BFQ31R | Zet | R | - | npn vhf 15V 0.1A |
| S3 | BBY51 | Sie | B | SOT23 | dual cc varicap |
| S4 | BFQ31A | Zet | N | - | npn vhf 15V 0.1A |
| S5 | BFQ31AR | Zet | R | - | npn vhf 15V 0.1A |
| S5 | BBY52 | Sie | B | SOT23 | dual cc varicap |
| S5 | BAT15-099 | Sie | NQ | SOT143 | Dual BAT15 schottky |
| S6 | BAT15-099R | Sie | DQ | - | Ring quad BAT15 schottky |
| S6 | BF510 | Phi | G | - | BF410A |
| S7 | BF511 | Phi | G | - | BF410B |

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|-----|------------|-----|----|--------|------------------------------|
| S7 | SST177 | Tem | F | SOT23 | J177 p-ch analog sw jfet |
| S7s | BBY53-05 | Sie | B | SOT23 | dual cc varicap |
| S7s | BBY53-05W | Sie | B | SOT323 | dual cc varicap |
| S7 | BAT114-099 | Sie | NQ | SOT143 | Dual schottky |
| S8 | BF512 | Phi | G | | BF410C |
| S8 | BAT14-099 | Sie | NQ | SOT143 | Dual schottky |
| S9 | BAT14-099R | Sie | DQ | - | Quad crossover ring schottky |
| S9 | BF513 | Phi | G | - | BF410D |
| S12 | BBY39 | Phi | B | SOT23 | 2x BBY31 |
| S14 | SST5114 | Sil | F | SOT23 | 2N5114 |
| S15 | SST5115 | Sil | F | SOT23 | 2N5115 |
| S16 | SST5116 | Sil | F | SOT23 | 2N5116 |
| S16 | ZHCS1006 | Zet | E | SOT23 | 60V 1A schottky diode |
| S56 | ZHCS506 | Zet | E | SOT23 | 60V 0.5A schottky diode |
| S70 | SST270 | Sil | F | SOT23 | J270 p-ch jfet |
| S71 | SST271 | Sil | F | SOT23 | J271 p-ch jfet |
| S74 | SST174 | Sil | F | SOT23 | J174 p-ch fet |
| S75 | SST175 | Sil | F | SOT23 | J175 p-ch fet |
| S76 | SST176 | Sil | F | SOT23 | J176 p-ch fet |
| S76 | ZHCS756 | Zet | E | SOT23 | 60V 0.75A schottky diode |
| S77 | SST177 | Sil | F | SOT23 | J177 p-ch fet |
| SA | BSS123 | Sie | M | SOT23 | n-ch mosfet 100V 0.17A |
| SD | BSS284 | Sie | M | SOT23 | p-ch mosfet 50V 0.13A |
| SE | 2SC4703 | Nec | P | - | npn RF 1.8W fT 6GHz |
| SF | 2SC4703 | Nec | P | - | npn RF 1.8W fT 6GHz |
| SFs | BB804 | Sie | A | SOT23 | dual 45-26pF cc VHF varicap |
| sSG | SN7002 | Sie | M | SOT23 | n-ch mosfet 60V 0.19A |
| SH | 2SC4703 | Nec | P | - | npn RF 1.8W fT 6GHz |
| SH2 | BB814 | Sie | A | SOT23 | dual 45-20pF cc varicap |
| SM | BB914 | Sie | B | SOT23 | dual varicap for FM radio |
| SR | BSS131 | Sie | M | SOT23 | n-ch mosfet 240V 0.1A |
| SP | BSS84 | Sie | M | SOT23 | p-ch mosfet 50V 0.13A |
| SS | BSS138 | Sie | M | SOT23 | n-ch mosfet 50V 0.22A |
| ST | BSS139 | Sie | M | SOT23 | n-ch dep mosfet 250V 0.04A |

Codes beginning with 'T'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|-----------------------------|
| T | BB515 | Sie | I | SOD323 | varicap 17.7pf @ 1V 30V max |
| T | BAR67-02W | Sie | I | SCD80 | - |
| T0 | TP0601T | Tem | M | - | p-ch mosfet 60V 0.12A |
| T0 | HSMS-2860 | HP | C | SOT23 | zero bias schottky diode |
| T0 | HSMS-286B | HP | C | SOT323 | zero bias schottky diode |
| T1 | BCX17 | Phi | N | SOT23 | BC327 |
| T1p | BCX17 | Phi | N | SOT23 | BC327 |
| T1t | BCX17 | Phi | N | SOT23 | BC327 |
| T1 | IMT1A | Roh | DA | - | 2 x 2SA1037AK pnp |
| T1 | BSS63 | Mot | N | SOT23 | pnp 100V 0.1A |
| T2 | BCX18 | Phi | N | SOT23 | BC328 |
| T2p | BCX18 | Phi | N | SOT23 | BC328 |
| T2t | BCX18 | Phi | N | SOT23 | BC328 |
| T2 | IMT2A | Roh | DB | - | 2 x 2SA1037AK pnp |
| T2 | HSMS-286C | HP | D | SOT323 | dual series HSMS-286B |
| T2 | HSMS-2862 | HP | D | SOT23 | dual series HSMS-286B |
| T3 | BSS63 | Phi | N | SOT23 | BSS68 |
| T3 | HSMS-286E | HP | A | SOT323 | ca dual HSMS-286B |
| T3 | HSMS-2863 | HP | A | SOT23 | ca dual HSMS-286B |
| T4 | BCX17R | Phi | R | SOT23R | BC327 |
| T4 | HSMS-286F | HP | B | SOT323 | cc dual HSMS-286B |
| T4 | HSMS-2864 | HP | B | SOT23 | cc dual HSMS-286B |
| T4 | MBD330DW | Mot | DL | SOT363 | dual UHF schottky diode |
| T5 | HSMS-2865 | HP | S | SOT143 | separate dual HSMS-286B |
| T5 | BCX18R | Phi | R | SOT23R | BC328 |
| T6 | BSS63R | Phi | R | SOT23R | BSS68 |

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|-------------|-----------|-----|----|--------|----------------------------------|
| T7 | BSR15 | SGS | N | SOT23 | 2N2907 |
| T7p | BSR15 | Phi | N | SOT23 | 2N2907 |
| T7t | BSR15 | Phi | N | SOT23 | 2N2907 |
| T8 | BSR16 | SGS | N | SOT23 | 2N2907A |
| T8p | BSR16 | Phi | N | SOT23 | 2N2907A |
| T8t | BSR16 | Phi | N | SOT23 | 2N2907A |
| T32 | 2SC4182 | Nec | N | SOT23 | npn RF ft 1.1GHz @3V hfe 60-105 |
| T33 | 2SC4182 | Nec | N | SOT23 | npn RF ft 1.1GHz @3V hfe 85-150 |
| T34 | 2SC4182 | Nec | N | SOT23 | npn RF ft 1.1GHz @3V hfe 120-220 |
| T42 | 2SC3545P | Nec | N | - | npn RF ft 2GHz hfe 50-100 |
| T42 | 2SC4184 | Nec | N | SOT323 | npn RF ft 1.8GHz hfe 40-80 |
| T43 | 2SC3545Q | Nec | N | - | UHF osc/mix ft 2GHz hfe 70-140 |
| T43 | 2SC4184 | Nec | N | SOT323 | npn ft 1.8GHz hfe 60-120 |
| T44 | 2SC3545R | Nec | N | - | npn RF ft 2GHz hfe 120-250 |
| T44 | 2SC4184 | Nec | N | SOT323 | npn RF ft 1.8GHz hfe 100-200 |
| T62 | 2SC3841P | Nec | N | SOT23 | npn RF ft 4GHz hfe 40-80 |
| T62 | 2SC4186 | Nec | N | SOT323 | npn RF ft 4GHz hfe 40-80 |
| T63 | 2SC3841Q | Nec | N | SOT23 | npn RF ft 4GHz hfe 60-120 |
| T63 | 2SC4186 | Nec | N | SOT323 | npn RF ft 4GHz hfe 60-120 |
| T64 | 2SC3841R | Nec | N | SOT23 | npn RF ft 4GHz hfe 100-200 |
| T64 | 2SC4186 | Nec | N | SOT323 | npn RF ft 4GHz hfe 100-200 |
| T71 | BSR15R | SGS | R | SOT23R | 2N2907 |
| T72 | 2SC4568 | Nec | N | SOT23 | npn RF ft 5.5GHz hfe 40-80 |
| T72 | 2SC4570 | Nec | N | SOT323 | npn RF ft 5.5GHz hfe 40-80 |
| T73 | 2SC4568 | Nec | N | SOT23 | npn RF ft 5.5GHz hfe 60-120 |
| T73 | 2SC4570 | Nec | N | SOT323 | npn RF ft 5.5GHz hfe 60-120 |
| T74 | 2SC4568 | Nec | N | SOT23 | npn RF ft 5.5GHz hfe 100-200 |
| T74 | 2SC4570 | Nec | N | SOT323 | npn RF ft 5.5GHz hfe 100-200 |
| T75 | 2SC4569 | Nec | N | SOT23 | npn RF ft 5GHz hfe 40-80 |
| T75 | 2SC4571 | Nec | N | SOT323 | npn RF ft 5GHz hfe 40-80 |
| T76 | 2SC4569 | Nec | N | SOT23 | npn RF ft 5GHz hfe 60-120 |
| T76 | 2SC4571 | Nec | N | SOT323 | npn RF ft 5GHz hfe 60-120 |
| T77 | 2SC4569 | Nec | N | SOT23 | npn RF ft 5GHz hfe 100-200 |
| T76 | 2SC4571 | Nec | N | SOT323 | npn RF ft 5GHz hfe 100-200 |
| T78 | 2SC5507 | Nec | WQ | SOT343 | npn RF ft 25GHz 3V 10mA |
| T79 | 2SC5508 | Nec | WQ | SOT343 | npn RF ft 25GHz 3V 30mA |
| T80 | 2SC5507 | Nec | WQ | SOT343 | npn RF ft 17GHz 3V 90mA |
| T81 | BSR16R | SGS | R | SOT23R | 2N2907A |
| T82 | 2SC4954 | Nec | N | SOT23 | npn RF ft 12GHz @3V 5mA |
| T82 | 2SC4956 | Nec | WQ | SOT143 | npn RF ft 12GHz @3V 5mA |
| T82 | 2SC4958 | Nec | N | SOT323 | npn RF ft 12GHz @3V 5mA |
| T82 | 2SC5014 | Nec | WQ | SOT343 | npn RF ft 12GHz @3V 5mA |
| T83 | 2SC4955 | Nec | N | SOT23 | npn RF ft 12GHz @3V 10mA |
| T83 | 2SC4957 | Nec | WQ | SOT143 | npn RF ft 12GHz @3V 10mA |
| T83 | 2SC4959 | Nec | N | SOT323 | npn RF ft 12GHz @3V 10mA |
| T83 | 2SC5015 | Nec | WQ | SOT343 | npn RF ft 12GHz @3V 10mA |
| T84 | 2SC5177 | Nec | N | SOT23 | npn RF ft 13GHz @2V 7mA |
| T84 | 2SC5179 | Nec | N | SOT323 | npn RF ft 13GHz @2V 7mA |
| T84 | 2SC5178 | Nec | WQ | SOT143 | npn RF ft 13GHz @2V 7mA |
| T84 | 2SC5180 | Nec | WQ | SOT343 | npn RF ft 13GHz @2V 7mA |
| T86 | 2SC5182 | Nec | N | SOT23 | npn RF ft 12GHz @2V 20mA |
| T86 | 2SC5183 | Nec | WQ | SOT143 | npn RF ft 12GHz @2V 20mA |
| T86 | 2SC5184 | Nec | N | SOT323 | npn RF ft 12GHz @2V 20mA |
| T86 | 2SC5183 | Nec | WQ | SOT343 | npn RF ft 12GHz @2V 20mA |
| T88 | 2SC5191 | Nec | N | SOT23 | npn RF ft 8.5GHz @3V 20mA |
| T88 | 2SC5192 | Nec | WQ | SOT143 | npn RF ft 8.5GHz @3V 20mA |
| T88 | 2SC5193 | Nec | N | SOT323 | npn RF ft 8.5GHz @3V 20mA |
| T88 | 2SC5193 | Nec | WQ | SOT343 | npn RF ft 8.5GHz @3V 20mA |
| T89 | 2SC5288 | Nec | WQ | SOT143 | npn RF |
| T90 | 2SC5289 | Nec | WQ | SOT143 | npn RF |
| T92 | BSR18A | Fch | N | SOT23 | 2N3904 |
| T92P | BSR18A | Phi | N | SOT23 | 2N3904 |
| T92 | 2SA1977 | Nec | N | SOT23 | pnnp RF ft 8.5GHz |
| T93 | 2SA1978 | Nec | N | SOT23 | pnnp RF ft 8.5GHz |
| TA | 2SC5431EB | Nec | N | SC59 | npn RF ft 4.3GHz 12V 60mA |

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|------------|-----------|-----|---|-------|----------------------------|
| TB | 2SC5431FB | Nec | N | SC59 | npn RF ft 4.3GHz 12V 60mA |
| TC | 2SC5432EB | Nec | N | SC59 | npn RF ft 4.5GHz 12V 100mA |
| TD | 2SC5432FB | Nec | N | SC59 | npn RF ft 4.5GHz 12V 100mA |
| TE | 2SC5433EB | Nec | N | SC59 | npn RF ft 7GHz 10V 65mA |
| TF | 2SC5433FB | Nec | N | SC59 | npn RF ft 7GHz 10V 65mA |
| TFX | BAL99 | Mot | V | SOT23 | switching diode |
| TH | 2SC5434EB | Nec | N | SC59 | npn RF ft 8GHz 10V 35mA |
| TJ | 2SC5434FB | Nec | N | SC59 | npn RF ft 8GHz 10V 35mA |
| TK | 2SC5435EB | Nec | N | SC59 | npn RF ft 12GHz 9V 30mA |
| TL | 2SC5435FB | Nec | N | SC59 | npn RF ft 12GHz 9V 30mA |
| TN | 2SC5436EB | Nec | N | SC59 | npn RF ft 14GHz 5V 30mA |
| TP | 2SC5436FB | Nec | N | SC59 | npn RF ft 14GHz 5V 30mA |
| TS | 2SC5437EB | Nec | N | SC59 | npn RF ft 9.5GHz 9V 50mA |
| TT | 2SC5437FB | Nec | N | SC59 | npn RF ft 9.5GHz 9V 50mA |
| TV | 2SC5599 | Nec | N | SC-70 | npn RF ft 5GHz 5.5V 5mA |
| TV | 2SC5600 | Nec | N | SC-59 | npn RF ft 5GHz 5.5V 15mA |
| TV | MMBF112L | Mot | F | SOT23 | RF jfet |
| TW | 2SC5602 | Nec | N | SC-70 | npn RF ft 13.5GHz 6V 5mA |
| TW | 2SC5603 | Nec | N | SC-59 | npn RF ft 13.5GHz 6V 15mA |

Codes beginning with 'U'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|---------|--------------|------|---------|--------------------------------|
| U | BB545 | Sie | I | SOD323 | 20-2pF varicap |
| U1 | BCX19 | Mot | N | SOT23 | BC337 |
| U1p | BCX19 | Phi | N | SOT23 | BC337 |
| U1t | BCX19 | Phi | N | SOT23 | BC337 |
| U1 | BGX50A | Sie | BQ | SOT143 | quad ring Si sw diodes |
| U1A | 3SK230A | Nec | UQ | SOT143 | dg RF mosfet |
| U1B | 3SK230B | Nec | UQ | SOT143 | dg RF mosfet |
| U1C | 3SK231C | Nec | UQ | SOT143 | dg RF mosfet |
| U1D | 3SK231D | Nec | UQ | SOT143 | dg RF mosfet |
| U1E | 3SK252E | Nec | UQ | SOT143 | dg RF mosfet |
| U1E | 3SK254E | Nec | UQ | SOT343 | dg RF mosfet |
| U1G | 3SK253G | Nec | UQ | SOT143 | dg RF mosfet |
| U1G | 3SK255G | Nec | UQ | SOT343 | dg RF mosfet |
| U2 | BCX20 | Phi | N | SOT23 | BC338 |
| U2t | BCX20 | Phi | N | SOT23 | BC338 |
| U3 | BSS64 | Phi | N | SOT23 | 120V 0.25A 0.2W |
| U4 | BCX19R | Phi | R | SOT23R | BC337 |
| U5 | BCX20R | Phi | R | SOT23R | BC338 |
| U6 | BSS64R | Phi | R | SOT23R | 120V 0.25A 0.2W |
| U7 | BSR13 | SGS | N | SOT23 | 2N2222 |
| U7p | BSR13 | Phi | N | SOT23 | 2N2222 |
| U7t | BSR13 | Phi | N | SOT23 | 2N2222 |
| U8 | BSR14 | SGS | N | SOT23 | 2N2222A |
| U8p | BSR14 | Phi | N | SOT23 | 2N2222A |
| U8t | BSR14 | Phi | N | SOT23 | 2N2222A |
| U16 | 2SC4183 | Nec | N | - | npn RF 5V ft1GHz hFE 60-120 |
| U17 | 2SC4183 | Nec | N | - | npn RF 5V ft1GHz hFE 90-180 |
| U18 | 2SC4183 | Nec | N | - | npn RF 5V ft1GHz hFE 120-240 |
| U21 | 2SC4185 | Nec | N | - | npn RF 10V ft2.4GHz hFE 40-80 |
| U22 | 2SC4185 | Nec | N | - | npn RF 10V ft2.4GHz hFE 60-120 |
| U23 | 2SC4185 | Nec | N | - | npn RF 10V ft2.4GHz hFE 90-180 |
| U55 | 3SK134B | Nec | UQ | SOT143 | dg mosfet |
| U55 | 3SK245 | Nec | UQ | SOT343 | dg mosfet |
| U56 | 3SK134B | Nec | UQ | SOT143 | dg mosfet |
| U56 | 3SK245 | Nec | UQ | SOT343 | dg mosfet |
| U65 | 3SK135A | Nec | UQ | SOT143 | dg mosfet |
| U66 | 3SK135A | Nec | UQ | SOT143 | dg mosfet |
| U71 | BSR13R | SGS | R | SOT23R | 2N2222 |
| U71 | 3SK177 | Nec | UQ | SOT143 | dg GaAsfet Idss 5-15mA |
| U71 | 3SK299 | Nec | UQ | SOT343 | dg GaAsfet Idss 5-15mA |
| U72 | 3SK177 | Nec | UQ | SOT143 | dg GaAsfet Idss10-25mA |

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|------|-----------|-----|----|--------|------------------------------|
| U72 | 3SK299 | Nec | UQ | SOT343 | dg GaAsfet Idss 10-25mA |
| U73 | 3SK177 | Nec | UQ | SOT143 | dg GaAsfet Idss 20-35mA |
| U73 | 3SK299 | Nec | UQ | SOT343 | dg GaAsfet Idss 20-35mA |
| U74 | 3SK177 | Nec | UQ | SOT143 | dg GaAsfet Idss 30-40mA |
| U74 | 3SK299 | Nec | UQ | SOT343 | dg GaAsfet Idss 30-40mA |
| U76 | 3SK206 | Nec | UQ | SOT143 | dg GaAsfet Idss 10-25mA |
| U77 | 3SK206 | Nec | UQ | SOT143 | dg GaAsfet Idss 20-35mA |
| U78 | 3SK206 | Nec | UQ | SOT143 | dg GaAsfet Idss 30-50mA |
| U79 | 3SK206 | Nec | UQ | SOT143 | dg GaAsfet Idss 45-80mA |
| U81 | BSR14R | SGS | R | SOT23R | 2N2222A |
| U87 | 3SK176A | Nec | UQ | SOT143 | dg mosfet |
| U88 | 3SK176A | Nec | UQ | SOT143 | dg mosfet |
| U90 | 3SK223 | Nec | UQ | SOT143 | dg mosfet |
| U90 | 3SK243 | Nec | UQ | SOT343 | dg mosfet |
| U91 | 3SK223 | Nec | UQ | SOT143 | dg mosfet |
| U91 | 3SK243 | Nec | UQ | SOT143 | dg mosfet |
| U92 | BSR17A | Fch | N | SOT23 | 2N3904 |
| U92p | BSR17A | Phi | N | SOT23 | 2N3904 |
| U94 | 3SK224D | Nec | UQ | SOT143 | dg mosfet |
| U94 | 3SK244D | Nec | UQ | SOT343 | dg mosfet |
| U95 | 3SK224E | Nec | UQ | SOT143 | dg mosfet |
| U95 | 3SK244E | Nec | UQ | SOT143 | dg mosfet |
| UB | 2SB852K | Roh | N | - | pnv darlington comp 2SD1383K |
| UC | MSC2404-C | Mot | H | - | npn RF 450MHz ft 20V |

Codes beginning with 'V'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|-----------|--------------|------|---------|-------------------------------|
| V01 | VN50300T | Sil | M | - | n-ch enh mosfet 500V 22mA |
| V02 | VN0605T | Sil | M | - | n-ch enh mosfet 60V/0.18A |
| V04 | VN45350T | Sil | M | - | n-ch enh mosfet 450V 20mA |
| V1p | BFT25 | Phi | N | SOT23 | npn RF 5V 6.5mA 2.3GHz |
| V1 | MRF959 | Mot | N | SC75 | npn RF ft 9GHz |
| V2 | BFQ67 | Tfk | N | - | npn RF ft 7.5 GHz 50mA |
| V3 | BFG67 | Phi | X | SOT143 | npn RF ft 8GHz 50mA |
| V5 | BFG197 | Phi | X | SOT143 | npn RF 7.5GHz 100mA |
| V11 | 3SK131 | Nec | UQ | SOT143 | dg VHF mosfet |
| V11 | 3SK242 | Nec | UQ | SOT343 | dg VHF mosfet |
| V12 | 3SK131 | Nec | UQ | SOT143 | dg VHF mosfet |
| V12 | 3SK242 | Nec | UQ | SOT343 | dg VHF mosfet |
| V13 | 3SK131 | Nec | UQ | SOT143 | dg VHF mosfet |
| V13 | ZC932 | Zet | C | SOT23 | 5 - 17pF hyperabrupt varicap |
| V13 | 3SK242 | Nec | UQ | SOT343 | dg VHF mosfet |
| V14 | ZC931 | Zet | C | SOT23 | 4 -13.5pF hyperabrupt varicap |
| V15 | ZC930 | Zet | C | SOT23 | 3 - 9pF hyperabrupt varicap |
| V16 | ZC934 | Zet | C | SOT23 | 25 - 95pF hyperabrupt varicap |
| V17 | ZC933 | Zet | C | SOT23 | 12 - 42pF hyperabrupt varicap |
| V21 | 3SK222 | Nec | UQ | SOT143 | dg VHF mosfet |
| V21 | 3SK246 | Nec | UQ | SOT343 | dg VHF mosfet |
| V22 | 3SK222 | Nec | UQ | SOT143 | dg VHF mosfet |
| V22 | 3SK246 | Nec | UQ | SOT343 | dg VHF mosfet |
| V50 | VP0610T | Sil | M | - | p-ch enh mosfet -60V 120mA |
| VB | MSC2295-B | Mot | H | - | npn RF 150MHz ft 20V |
| VC | MSC2295-C | Mot | H | - | npn RF 150MHz ft 20V |

Codes beginning with 'W'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|------------|--------------|------|---------|------------------------|
| W0F | TSDF1205RW | Tfk | WQ | SOT343 | 12GHz npn 5mA 4V |
| W1s | BFT92 | Sie | N | SOT23 | BFQ51/BFQ76 |

| | | | | | |
|------------|------------|-----|----|--------|-----------------------------|
| W1s | BCR10PN | Sie | DP | SOT363 | pnp/npn dig 0.1A 10k+10k |
| W2 | TSDF1220RW | Tfk | WQ | SOT343 | 12GHz npn 6V 20mA |
| W3 | BZX84-C2V4 | Phi | C | SOT23 | 0.3W zener 2.4V±5% |
| W4 | BZX84-C2V7 | Phi | C | SOT23 | 0.3W zener 2.7V±5% |
| W5 | BZX84-C3V0 | Phi | C | SOT23 | 0.3W zener 3.0V±5% |
| W6 | BZX84-C3V3 | Phi | C | SOT23 | 0.3W zener 3.3V±5% |
| W7 | BZX84-C3V6 | Phi | C | SOT23 | 0.3W zener 3.6V±5% |
| W8 | BZX84-C3V9 | Phi | C | SOT23 | 0.3W zener 3.9V±5% |
| W8 | BZV49C3V9 | Zet | O | SOT89 | 1W zener 3.9V±5% |
| W9 | BZX84-C4V3 | Phi | C | SOT23 | 0.3W zener 4.3V±5% |
| W9 | BZV49C4V3 | Zet | O | SOT89 | 1W zener 4.3V±5% |
| W18 | BFP181TW | Tfk | X | - | npn RF ft 7.8GHz 10V 20mA |
| W18 | BFP181TRW | Tfk | WQ | - | npn RF ft 7.8GHz 10V 20mA |
| W22 | S822TW | Tfk | X | - | npn rf ft 5.2 GHz 6V 8mA |
| W22 | S822TRW | Tfk | WQ | - | npn rf ft 5.2 GHz 6V 8mA |
| W28 | BFP280TRW | Tfk | WQ | - | npn rf ft 7 GHz 8V 10mA |
| W28 | BFP280TW | Tfk | X | - | npn rf ft 7 GHz 8V 10mA |
| W52 | S852TW | Tfk | X | - | npn rf ft 5.2 GHz 6V 8mA |
| W67 | BFP67W | Tfk | X | - | npn rf ft 7.5 GHz 10V 50mA |
| W82 | BFP182TRW | Tfk | WQ | - | npn rf ft 7.5 GHz 10V 35mA |
| W82 | BFP182TW | Tfk | X | - | npn rf ft 7.5 GHz 10V 35mA |
| W83 | BFP183TRW | Tfk | WQ | - | npn rf ft 7.4 GHz 10V 65mA |
| W83 | BFP183T | Tfk | X | - | npn rf ft 7.4 GHz 10V 65mA |
| W92 | BFP92AW | Tfk | X | SOT343 | npn rf ft 6 GHz 15V 30mA |
| WB | 2SD1383K | Roh | N | - | npn darlington comp 2SB852K |
| WCs | BCR133 | Sie | N | SOT23 | npn dig 50V 0.1A 10k+10k |
| WCs | BCR133T | Sie | N | SC75 | npn dig 50V 0.1A 10k+10k |
| WCs | BCR133U | Sie | N | SOT457 | npn dig 50V 0.1A 10k+10k |
| WCs | BCR133W | Sie | N | SOT323 | npn dig 50V 0.1A 10k+10k |
| WCs | BCR133S | Sie | DN | SOT363 | dual BCR133 |
| WDs | BCR141 | Sie | N | SOT23 | npn 50V 0.1A dig 22k +22k |
| WDs | BCR141T | Sie | N | SC75 | npn 50V 0.1A dig 22k +22k |
| WDs | BCR141W | Sie | N | SOT323 | npn 50V 0.1A dig 22k +22k |
| WDs | BCR141S | Sie | DN | SOT363 | dual BCR141 |
| WEs | BCR148 | Sie | N | SOT23 | npn 50V 0.1A dig 47k +47k |
| WEs | BCR148T | Sie | N | SC75 | npn 50V 0.1A dig 47k +47k |
| WEs | BCR148U | Sie | N | SOT457 | npn 50V 0.1A dig 47k +47k |
| WEs | BCR148W | Sie | N | SOT323 | npn 50V 0.1A dig 47k +47k |
| WEs | BCR148S | Sie | DN | SOT363 | dual BCR148 |
| WE1 | BFS17W | Tfk | N | - | npn rf ft 2.1GHz SOT-323 |
| WE2 | BFS17AW | Tfk | N | - | npn rf ft 3.2GHz SOT-323 |
| WFs | BCR08PN | Sie | DP | SOT363 | pnp/npn dig 0.1A 2k2+47k |
| WFs | BCR112 | Sie | N | SOT23 | npn dig 50V 0.1A 4k7+4k7 |
| WF0 | TSDF1205W | Tfk | X | SOT343 | 12 GHz npn 5mA 4V |
| WF2 | TSDF1220W | Tfk | X | SOT343 | 12GHz npn 6V 20mA |
| WFE | BFP93A | Tfk | X | SOT343 | BFP93A (FE) in 6GHz npn |
| WGs | BCR116 | Sie | N | SOT23 | npn dig 50V 0.1A 4k7+47k |
| WGs | BCR116W | Sie | N | SOT323 | npn dig 50V 0.1A 4k7+47k |
| WHs | BCR108 | Sie | N | SOT23 | npn dig 50V 0.1A 2k2+47k |
| WHs | BCR108T | Sie | N | SC75 | npn dig 50V 0.1A 2k2+47k |
| WHs | BCR108W | Sie | N | SOT323 | npn dig 50V 0.1A 2k2+47k |
| WHs | BCR108S | Sie | DN | SOT363 | dual BCR108 |
| WIs | BCR158 | Sie | N | SOT23 | pnp dig 50V 0.1A 2k2+47k |
| WIs | BCR158T | Sie | N | SC75 | pnp dig 50V 0.1A 2k2+47k |
| WIs | BCR158W | Sie | N | SOT323 | pnp dig 50V 0.1A 2k2+47k |
| WJs | BCR135 | Sie | N | SOT23 | npn dig 50V 0.1A 10k+47k |
| WJs | BCR135T | Sie | N | SC75 | npn dig 50V 0.1A 10k+47k |
| WJs | BCR135W | Sie | N | SOT323 | npn dig 50V 0.1A 10k+47k |
| WJs | BCR135S | Sie | DN | SOT363 | dual BCR135 |
| WKS | BCR119 | Sie | N | SOT23 | npn dig 50V 0.1A 4k7 |
| WKS | BCR119S | Sie | DN | SOT363 | npn dig 50V 0.1A 4k7 |
| WKS | BCR119W | Sie | N | SOT323 | npn dig 50V 0.1A 4k7 |
| WLS | BCR146 | Sie | N | SOT23 | dual npn dig 50V 47k+22k |
| WLS | BCR146W | Sie | N | SOT323 | dual npn dig 50V 47k+22k |
| WMs | BCR183 | Sie | N | SOT23 | pnp dig 50V 10k+10k |

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|------------|-------------|-----|----|---------|-----------------------------------|
| WMs | BCR183W | Sie | N | SOT323 | pnp dig 50V 10k+10k |
| WMs | BCR183T | Sie | N | SC75 | pnp dig 50V 10k+10k |
| WMs | BCR183U | Sie | N | SOT457 | pnp dig 50V 10k+10k |
| WMs | BCR183S | Sie | DO | SOT363 | dual pnp dig 50V 10k+10k |
| WMO | BF998RW | Tfk | UQ | SOT343R | vhf dg mosfet BF988 |
| WNs | BCR185 | Sie | N | SOT23 | pnp dig 50V 0.1A 10k+47k |
| WNs | BCR185U | Sie | N | SOT457 | pnp dig 50V 0.1A 10k+47k |
| WNs | BCR185W | Sie | N | SOT323 | pnp dig 50V 0.1A 10k+47k |
| WNs | BCR185S | Sie | DO | SOT363 | dual BCR185 |
| WOs | BCR191 | Sie | N | SOT23 | pnp dig 50V 0.1A 22k+22k |
| WOs | BCR191W | Sie | N | SOT323 | pnp dig 50V 0.1A 22k+22k |
| WOs | BCR191S | Sie | DO | SOT363 | dual BCR191 |
| WO | BZX284-B2V4 | Phi | I | SOD110 | 0.4W zener 2.4V E24 ±2% |
| WP | BZX284-B2V7 | Phi | I | SOD110 | 0.4W zener 2.7V E24 ±2% |
| WPs | BCR192 | Sie | N | SOT23 | pnp dig 50V 0.1A 22k+47k |
| WPs | BCR192T | Sie | N | SC75 | pnp dig 50V 0.1A 22k+47k |
| WPs | BCR192W | Sie | N | SOT323 | pnp dig 50V 0.1A 22k+47k |
| WPs | BCR22PN | Sie | DP | SOT363 | pnp/npn dig 0.1A 22k+22k |
| WP2 | BFR92A | Tfk | N | SOT23 | BRF90A |
| WQ | BZX284-B3V0 | Phi | I | SOD110 | 0.4W zener 3.0V E24 ±2% |
| WR | MSD602R | Mot | N | SOT346 | npn gp 25V 150mA |
| WRs | BCR198 | Sie | N | SOT23 | pnp dig 50V 0.1A 47k+47k |
| WRs | BCR198W | Sie | NN | SOT323 | pnp dig 50V 0.1A 47k+47k |
| WRs | BCR198S | Sie | D | SOT363 | dual BCR198 |
| WR | BZX284-B3V3 | Phi | I | SOD110 | 0.4W zener 3.3V E24 ±2% |
| WR2 | BFR93AW | Tfk | N | - | BFR91A |
| WRE | BFR280TW | Tfk | N | - | npn RF ft 7.5GHz |
| WRF | BFR181TW | Tfk | N | - | npn RF ft 7.8GHz |
| WRG | BFR182TW | Tfk | N | - | npn RF ft 7GHz |
| WRH | BFR183TW | Tfk | N | - | npn RF ft 7.4GHz |
| WS | BCR169 | Sie | N | SOT23 | pnp dig 50V 0.1A 4k7 |
| WS | BCR169W | Sie | N | SOT323 | pnp dig 50V 0.1A 4k7 |
| WS | BCR169S | Sie | DO | SOT363 | dual BC169 |
| WS | BZX284-B3V6 | Phi | I | SOD110 | 0.4W zener 3.6V E24 ±2% |
| WT | BCR166 | Sie | N | SOT23 | pnp dig 50V 0.1A 4k7+47k |
| WT | BCR166W | Sie | N | SOT323 | pnp dig 50V 0.1A 4k7+47k |
| WT | BCR48PN | Sie | DP | SOT363 | pnp/npn dig npn 2x47k pnp 2k2+47k |
| WT | BZX284-B3V9 | Phi | I | SOD110 | 0.4W zener 3.9V E24 ±2% |
| WU | BCR162 | Sie | N | SOT23 | pnp dig 50V 0.1A 4k7+4k7 |
| WU | BCR162T | Sie | N | SC75 | pnp dig 50V 0.1A 4k7+4k7 |
| WU | BCR35PN | Sie | DP | SOT363 | pnp/npn dig 0.1A 10k+47k |
| WU | BZX284-B4V3 | Phi | I | SOD110 | 0.4W zener 4.3V E24 ±2% |
| WU | MRF2947A | Mot | DG | SOT363 | dual MRF941 npn RF 9GHz |

Codes beginning with 'X'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------------|-----------|--------------|------|---------|------------------------|
| X (white) | BB833 | Sie | I | SOT323 | 9.3-0.75pF varicap |
| X(yellow) | BB835 | Sie | I | SOT323 | 9.1-0.6pF varicap |
| X1 | BFT93 | Sie | N | SOT23 | BFQ23 BFQ75 |
| X1p | BFT93 | Phi | N | SOT23 | BFQ23 BFQ75 |
| X1 | IMX1 | Roh | DC | - | dual 2SC2412K npn |
| X1 | BZX84-C27 | Phi | C | SOT23 | 0.3W zener 27V±5% |
| X2 | IMX2 | Roh | DD | - | dual 2SC2412K npn |
| X2 | BZX99-C13 | Phi | C | SOT23 | 13V 0.3W zener ±5% |
| X2 | BZX84-C30 | Zet | C | SOT23 | 0.3W zener 30V±5% |
| X2 | BZV49C30 | Zet | O | SOT89 | 1W zener 30V±5% |
| X3 | BZX99-C15 | Phi | C | SOT23 | 15V 0.3W zener ±5% |
| X3 | BZX84-C33 | Zet | C | SOT23 | 0.3W zener 33V±5% |
| X4 | BFT93R | Sie | R | SOT23R | BFQ23 BFQ75 |
| X4 | BZX84-C36 | Zet | C | SOT23 | 0.3W zener 36V±5% |
| X5 | BZV49C39 | Zet | O | SOT89 | 1W zener 39V±5% |
| X5 | MMBV409G | Mot | C | SOT23 | Hyperabrupt varicap |
| X6 | BZV49C43 | Zet | O | SOT89 | 1W zener 43V±5% |

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|-----|-------------|-----|----|--------|----------------------------|
| X6 | BZX84-C43 | Zet | C | SOT23 | 0.3W zener 43V±5% |
| X7 | BZX84-C47 | Zet | C | SOT23 | 0.3W zener 47V±5% |
| XAs | BCR503 | Sie | N | SOT23 | npn dtr 50V 0.5A 2k2 +2k2 |
| XA | BZX284-B7V5 | Phi | I | SOD110 | 0.4W zener 7.5V E24 ±2% |
| XA | BZX99-C4V7 | Phi | C | SOT23 | 4.7V 0.3W zener |
| XBs | BCR553 | Sie | N | SOT23 | pnp dtr 50V 0.5A 2k2 +2k2 |
| XB | BZX284-B8V2 | Phi | I | SOD110 | 0.4W zener 8.2V E24 ±2% |
| XB | BZX99-C5V1 | Phi | C | SOT23 | 5.1V 0.3W zener |
| XCs | BCR533 | Sie | N | SOT23 | npn dtr 50V 0.5A 10k + 10k |
| XC | BZX284-B9V1 | Phi | I | SOD110 | 0.4W zener 9.1V E24 ±2% |
| XC | BZX99-C5V6 | Phi | C | SOT23 | 5.6V 0.3W zener |
| XDs | BCR555 | Sie | N | SOT23 | pnp dtr 50V 0.5A 2k2 +10k |
| XD | BZX284-B10 | Phi | I | SOD110 | 0.4W zener 10V E24 ±2% |
| XD | BZX99-C6V2 | Phi | C | SOT23 | 6.2V 0.3W zener |
| XE | BZX284-B11 | Phi | I | SOD110 | 0.4W zener 11V E24 ±2% |
| XE | BZX99-C6V8 | Phi | C | SOT23 | 6.8V 0.3W zener |
| XF | BCR512 | Sie | N | SOT23 | npn dtr 50V 0.5A 4k7+ 4k7 |
| XF | BZX284-B12 | Phi | I | SOD110 | 0.4W zener 12V E24 ±2% |
| XGs | BCR523 | Sie | N | SOT23 | npn dtr 50V 0.5A 1k0 +10k |
| XG | BZX284-B13 | Phi | I | SOD110 | 0.4W zener 13V E24 ±2% S |
| XHs | BCR573 | Sie | N | SOT23 | pnp dtr 50V 0.5A 1k0 +10k |
| XH | BZX284-B15 | Phi | I | SOD110 | 0.4W zener 15V E24 ±2% |
| XH | MMSD701 | Mot | I | SOD123 | MMBD701 |
| XI | BZX284-B16 | Phi | I | SOD110 | 0.4W zener 16V E24 ±2% |
| XJ | BZX284-B18 | Phi | I | SOD110 | 0.4W zener 18V E24 ±2% |
| XKs | BCR519 | Sie | N | SOT23 | npn dtr 50V 0.5A R1 4k7 |
| XK | BZX284-B20 | Phi | I | SOD110 | 0.4W zener 20V E24 ±2% |
| XLs | BCR569 | Sie | N | SOT23 | pnp dtr 50V 0.5A R1 4k7 |
| XL | BZX284-B22 | Phi | I | SOD110 | 0.4W zener 22V E24 ±2% |
| XL | BZX99-C2V4 | Phi | C | SOT23 | 2.4V 0.3W zener |
| XM | BCR583 | Sie | N | SOT23 | pnp dtr 50V 0.5A 10k +10k |
| XM | BZX284-B24 | Phi | I | SOD110 | 0.4W zener 24V E24 ±2% |
| XM | BZX99-C2V7 | Phi | C | SOT23 | 2.7V 0.3W zener |
| XN | BZX284-B27 | Phi | I | SOD110 | 0.4W zener 27V E24 ±2% |
| XN | BZX99-C3V0 | Phi | C | SOT23 | 3.0V 0.3W zener |
| XO | BZX284-B30 | Phi | I | SOD110 | 0.4W zener 30V E24 ±2% |
| XP | MMBD3000 | Mot | C | SOT346 | Si diode 30V 0.2A |
| XP | BZX284-B33 | Phi | I | SOD110 | 0.4W zener 33V E24 ±2% |
| XP | BZX99-C3V3 | Phi | C | SOT23 | 3.3V 0.3W zener |
| XQ | MMBD3005 | Mot | A | SOT346 | dual ca MMBD3000 |
| XQ | BZX284-B36 | Phi | I | SOD110 | 0.4W zener 36V E24 ±2% |
| XQ | 2PD602AQ | Phi | N | SOT346 | gp npn hfe 85-170 |
| XR | BZX284-B39 | Phi | I | SOD110 | 0.4W zener 39V E24 ±2% |
| XR | BZX99-C3V6 | Phi | C | SOT23 | 3.6V 0.3W zener |
| XR | MRF2947RA | Mot | DH | SOT363 | dual MRF941 npn RF 9GHz |
| XR | 2PD602AR | Phi | N | SOT346 | gp npn hfe 120-240 |
| XS | MMBD3010 | Mot | B | SOT346 | dual cc MMBD3000 |
| XS | BZX284-B43 | Phi | I | SOD110 | 0.4W zener 43V E24 ±2% |
| XS | BZX99-C3V9 | Phi | C | SOT23 | 3.9V 0.3W zener |
| XS | 2PD602AS | Phi | N | SOT346 | gp npn hfe 170-340 |
| XT | BZX284-B47 | Phi | I | SOD110 | 0.4W zener 47V E24 ±2% |
| XT | MMSD301 | Mot | I | SOD123 | MBD301 |
| XT | BZX99-C4V3 | Phi | C | SOT23 | 4.3V 0.3W zener |
| XU | BZX284-B51 | Phi | I | SOD110 | 0.4W zener 51V E24 ±2% |
| XU | MRF2947RA | Mot | DH | - | dual MRF941 npn RF 9GHz |
| XUs | BCR562 | Sie | N | SOT23 | pnp dtr 50V 0.5A 4k7+ 4k7 |
| XU | BZX99-C7V5 | Phi | C | SOT23 | 7.5V 0.3W zener |
| XV | BZX284-B56 | Phi | I | SOD110 | 0.4W zener 56V E24 ±2% |
| XVs | BCR521 | Sie | N | SOT23 | npn dtr 50V 0.5A 1k0 +1k0 |
| XV | BZX99-C8V2 | Phi | C | SOT23 | 8.2V 0.3W zener |
| XW | BZX284-B62 | Phi | I | SOD110 | 0.4W zener 62V E24 ±2% |
| XWs | BCR505 | Sie | N | SOT23 | npn dtr 50V 0.5A 2k2 +10k |
| XW | BZX99-C9V1 | Phi | C | SOT23 | 9.1V 0.3W zener |
| XX | BZX284-B68 | Phi | I | SOD110 | 0.4W zener 68V E24 ±2% |
| XX | BZX99-C10 | Phi | C | SOT23 | 10V 0.3W zener |

| | | | | | |
|------------|------------|-----|---|--------|---------------------------|
| XXs | BCR571 | Sie | N | SOT23 | pnp dtr 50V 0.5A 1k0 +1k0 |
| XY | BZX99-C11 | Phi | C | SOT23 | 11V 0.3W zener |
| XY | BZX284-B75 | Phi | I | SOD110 | 0.4W zener 75V E24 ±2% |
| XZ | BZX99-C12 | Phi | C | SOT23 | 12V 0.3W zener |

Codes beginning with 'Y'

| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------------|-------------|--------------|------|---------|-------------------------|
| Y0s | CGY121B | Sie | - | - | GaAs MMIC |
| Y1 | BZX84-C11 | Phi | C | SOT23 | 0.3W zener 11V±5% |
| Y1p | BZX84-C11 | Phi | C | SOT23 | 0.3W zener 11V±5% |
| Y1 | BZV49C11 | Zet | O | SOT89 | 1W zener 11V ±5% |
| Y2 | CLY2 | Sie | DR | MW6 | 3GHz GaAsfet 0.25W 3GHz |
| Y2 | BZX84-C12 | Phi | C | SOT23 | 0.3W zener 12V±5% |
| Y3 | BZX84-C13 | Phi | C | SOT23 | 0.3W zener 13V±5% |
| Y4 | BZX84-C15 | Phi | C | SOT23 | 0.3W zener 15V±5% |
| Y4 | BZV49C15 | Zet | O | SOT89 | 1W zener 15V ±5% |
| Y5s | CGY59 | Sie | DS | SOT363 | GaAs 0.9/1.8GHz preamp |
| Y5 | BZX84-C16 | Phi | C | SOT23 | 0.3W zener 16V±5% |
| Y5 | BZV49C16 | Zet | O | SOT89 | 1W zener 16V ±5% |
| Y6s | CGY62 | Sie | DS | MW6 | GaAs MMIC |
| Y6 | BZX84-C18 | Phi | C | SOT23 | 0.3W zener 18V±5% |
| Y7 | CGY60 | Sie | DS | MW6 | GaAs preamp MMIC 1.8GHz |
| Y7 | BZX84-C20 | Phi | C | SOT23 | 0.3W zener 20V±5% |
| Y8 | CGY120 | Sie | - | MW6 | GaAs MMIC |
| Y8 | BZX84-C22 | Phi | C | SOT23 | 0.3W zener 22V±5% |
| Y8 | BZV49C22 | Zet | O | SOT89 | 1W zener 22V ±5% |
| Y9s | CGY121A | Sie | - | MW6 | GaAs MMIC |
| Y9 | BZX84-C24 | Phi | C | SOT23 | 0.3W zener 24V±5% |
| Y9 | BZV49C24 | Zet | O | SOT89 | 1W zener 24V ±5% |
| Y10 | BZX84-C27 | Phi | C | SOT23 | 0.3W zener 27V±5% |
| Y11 | BZX84-C30 | Phi | C | SOT23 | 0.3W zener 30V±5% |
| Y12 | BZX84-C33 | Phi | C | SOT23 | 0.3W zener 33V±5% |
| Y13 | BZX84-C36 | Phi | C | SOT23 | 0.3W zener 36V±5% |
| Y14 | BZX84-C39 | Phi | C | SOT23 | 0.3W zener 39V±5% |
| Y15 | BZX84-C43 | Phi | C | SOT23 | 0.3W zener 43V±5% |
| Y16 | BZX84-C47 | Phi | C | SOT23 | 0.3W zener 47V±5% |
| Y17 | BZX84-C51 | Phi | C | SOT23 | 0.3W zener 51V±5% |
| Y18 | BZX84-C56 | Phi | C | SOT23 | 0.3W zener 56V±5% |
| Y19 | BZX84-C62 | Phi | C | SOT23 | 0.3W zener 62V±5% |
| Y20 | BZX84-C68 | Phi | C | SOT23 | 0.3W zener 68V±5% |
| Y21 | BZX84-C75 | Phi | C | SOT23 | 0.3W zener 75V±5% |
| Y36 | BZX84-C13V6 | Phi | C | SOT23 | 0.3W zener 13.6V±5% |
| Y50 | BZX84-A2V4 | Phi | C | SOT23 | 0.3W zener 2.4V ±1% |
| Y51 | BZX84-A2V7 | Phi | C | SOT23 | 0.3W zener 2.7V ±1% |
| Y52 | BZX84-A3V0 | Phi | C | SOT23 | 0.3W zener 3.0V ±1% |
| Y53 | BZX84-A3V3 | Phi | C | SOT23 | 0.3W zener 3.3V ±1% |
| Y54 | BZX84-A3V6 | Phi | C | SOT23 | 0.3W zener 3.6V ±1% |
| Y55 | BZX84-A3V9 | Phi | C | SOT23 | 0.3W zener 3.9V ±1% |
| Y56 | BZX84-A4V3 | Phi | C | SOT23 | 0.3W zener 4.3V ±1% |
| Y57 | BZX84-A4V7 | Phi | C | SOT23 | 0.3W zener 4.7V ±1% |
| Y58 | BZX84-A5V1 | Phi | C | SOT23 | 0.3W zener 5.1V ±1% |
| Y59 | BZX84-A5V6 | Phi | C | SOT23 | 0.3W zener 5.6V ±1% |
| Y60 | BZX84-A6V2 | Phi | C | SOT23 | 0.3W zener 6.2V ±1% |
| Y61 | BZX84-A6V8 | Phi | C | SOT23 | 0.3W zener 6.8V ±1% |
| Y62 | BZX84-A7V5 | Phi | C | SOT23 | 0.3W zener 7.5V ±1% |
| Y63 | BZX84-A8V2 | Phi | C | SOT23 | 0.3W zener 8.2V ±1% |
| Y64 | BZX84-A9V1 | Phi | C | SOT23 | 0.3W zener 9.1V ±1% |
| Y65 | BZX84-A10 | Phi | C | SOT23 | 0.3W zener 10V ±1% |
| Y66 | BZX84-A11 | Phi | C | SOT23 | 0.3W zener 11V ±1% |
| Y67 | BZX84-A12 | Phi | C | SOT23 | 0.3W zener 12V ±1% |
| Y68 | BZX84-A13 | Phi | C | SOT23 | 0.3W zener 13V ±1% |
| Y69 | BZX84-A15 | Phi | C | SOT23 | 0.3W zener 15V ±1% |
| Y70 | BZX84-A16 | Phi | C | SOT23 | 0.3W zener 16V ±1% |

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|-----|-------------|-----|---|--------|-------------------------|
| Y71 | BZX84-A18 | Phi | C | SOT23 | 0.3W zener 18V ±1% |
| Y72 | BZX84-A20 | Phi | C | SOT23 | 0.3W zener 20V ±1% |
| Y73 | BZX84-A22 | Phi | C | SOT23 | 0.3W zener 22V ±1% |
| Y74 | BZX84-A24 | Phi | C | SOT23 | 0.3W zener 24V ±1% |
| Y75 | BZX84-A27 | Phi | C | SOT23 | 0.3W zener 27V ±1% |
| Y76 | BZX84-A30 | Phi | C | SOT23 | 0.3W zener 30V ±1% |
| Y77 | BZX84-A33 | Phi | C | SOT23 | 0.3W zener 33V ±1% |
| Y78 | BZX84-A36 | Phi | C | SOT23 | 0.3W zener 36V ±1% |
| Y79 | BZX84-A39 | Phi | C | SOT23 | 0.3W zener 39V ±1% |
| Y80 | BZX84-A43 | Phi | C | SOT23 | 0.3W zener 43V ±1% |
| Y81 | BZX84-A47 | Phi | C | SOT23 | 0.3W zener 47V ±1% |
| Y82 | BZX84-A51 | Phi | C | SOT23 | 0.3W zener 51V ±1% |
| Y83 | BZX84-A56 | Phi | C | SOT23 | 0.3W zener 56V ±1% |
| Y84 | BZX84-A62 | Phi | C | SOT23 | 0.3W zener 62V ±1% |
| Y85 | BZX84-A68 | Phi | C | SOT23 | 0.3W zener 68V ±1% |
| Y86 | BZX84-A75 | Phi | C | SOT23 | 0.3W zener 75V ±1% |
| YBs | BSS84 | Inf | M | SOT23 | p-ch mosfet 50V 0.13A |
| YO | BZX284-C2V4 | Phi | I | SOD110 | 0.4W zener 2.4V E12 ±5% |
| YP | BZX284-C2V7 | Phi | I | SOD110 | 0.4W zener 2.7V E12 ±5% |
| YQ | BZX284-C3V0 | Phi | I | SOD110 | 0.4W zener 3.0V E12 ±5% |
| YR | MSD601R | Mot | N | SOT346 | npn gp 25V |
| YR | BZX284-C3V3 | Phi | I | SOD110 | 0.4W zener 3.3V E12 ±5% |
| YS | MSD601S | Mot | N | SOT346 | npn gp 25V |
| YS | BZX284-C3V6 | Phi | I | SOD110 | 0.4W zener 3.6V E12 ±5% |
| YT | BZX284-C3V9 | Phi | I | SOD110 | 0.4W zener 3.9V E12 ±5% |
| YU | BZX284-C4V3 | Phi | I | SOD110 | 0.4W zener 4.3V E12 ±5% |
| YV | BZX284-C4V7 | Phi | I | SOD110 | 0.4W zener 4.7V E12 ±5% |
| YW | BZX284-C5V1 | Phi | I | SOD110 | 0.4W zener 5.1V E12 ±5% |
| YX | BZX284-C5V6 | Phi | I | SOD110 | 0.4W zener 5.6V E12 ±5% |
| YY | BZX284-C6V2 | Phi | I | SOD110 | 0.4W zener 6.2V E12 ±5% |
| YZ | BZX284-C6V8 | Phi | I | SOD110 | 0.4W zener 6.8V E12 ±5% |

Codes beginning with 'Z'

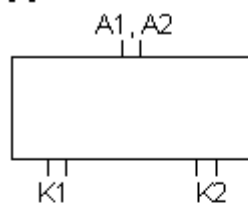
| Code | Device | Manufacturer | Base | Package | Leaded Equivalent/Data |
|------|------------|--------------|------|---------|---------------------------|
| Z0 | SST310 | Tem | F | SOT23 | J310 n-ch jfet |
| Z0 | PDZ2.4B | Phi | I | SOD323 | 2.4V 0.4W zener |
| Z08 | SST308 | Sil | F | SOT23 | J308 n-ch jfet |
| Z09 | SST309 | Sil | F | SOT23 | J309 n-ch jfet |
| Z10 | SST310 | Sil | F | SOT23 | J310 n-ch jfet |
| Z1 | BZX84-C4V7 | Phi | C | SOT23 | 0.3W zener 4.7V |
| Z1 | SSTJ211 | Sil | F | SOT23 | J211 n-ch jfet |
| Z1 | PDZ2.7B | Phi | I | SOD323 | 2.7V 0.4W zener |
| Z1 | IMZ1A | Roh | DE | - | 2SC2414 npn,2SA1037AK pnp |
| Z1 | BZV49C4V7 | Zet | O | SOT89 | 1W ±5% zener 4.7V |
| Z2 | BZX84-C5V1 | Phi | C | SOT23 | 0.3W zener 4.7V |
| Z2 | SSTJ212 | Sil | F | SOT23 | J212 n-ch jfet |
| Z2 | IMZ2A | Roh | DF | - | 2SC2414 npn,2SA1037AK pnp |
| Z2 | PDZ3.0B | Phi | I | SOD323 | 3.0V 0.4W zener |
| Z2 | BZV49C5V1 | Zet | O | SOT89 | 1W ±5% zener 5.1V |
| Z2U | FMMTA63 | Zet | N | SOT23 | MPSA63 |
| Z2V | FMMTA64 | Zet | N | SOT23 | MPSA64 |
| Z3 | BZX84-C5V6 | Phi | C | SOT23 | 0.3W zener 5.6V |
| Z3 | PDZ3.3B | Phi | I | SOD323 | 3.3V 0.4W zener |
| Z3 | 2SK1078 | Tos | T | SOT89 | n-ch mosfet 60V 0.8A |
| Z3 | BZV49C5V6 | Zet | O | SOT89 | 1W ±5% zener 5.6V |
| Z4 | BZX84-C6V2 | Phi | C | SOT23 | 0.3W zener 6.2V |
| Z4 | PDZ3.6B | Phi | I | SOD323 | 3.6V 0.4W zener |
| Z4 | 2SK1079 | Tos | T | SOT89 | n-ch mosfet 100V 0.6A |
| Z4 | BZV49C6V2 | Zet | O | SOT89 | 1W ±5% zener 6.2V |
| Z5 | BZX84-C6V8 | Phi | C | SOT23 | 0.3W zener 6.8V |
| Z5 | PDZ3.9B | Phi | I | SOD323 | 3.9V 0.4W zener |
| Z5 | 2SK1717 | Tos | T | SOT89 | n-ch mosfet 60V 2A |

| | | | | | |
|-----|-------------|-----|---|--------|-----------------------------|
| Z5 | BZV49C6V8 | Zet | O | SOT89 | 1W ±5% zener 6.8V |
| Z6 | BZX84-C7V5 | Phi | C | SOT23 | 0.3W zener 7.5V |
| Z6 | PDZ4.3B | Phi | I | SOD323 | 4.3V 0.4W zener |
| Z6 | 2SJ238 | Tos | T | SOT89 | p-ch mosfet 60V 1A |
| Z6 | BZV49C7V5 | Zet | O | SOT89 | 1W ±5% zener 7.5V |
| Z7 | BZX84-C8V2 | Phi | C | SOT23 | 0.3W zener 8.2V |
| Z7 | PDZ4.7B | Phi | I | SOD323 | 4.7V 0.4W zener |
| Z7 | BZV49C8V2 | Zet | O | SOT89 | 1W ±5% zener 8.2V |
| Z8 | BZX84-C9V1 | Phi | C | SOT23 | 0.3W zener 9.1V |
| Z8 | PDZ5.1B | Phi | I | SOD323 | 5.1V 0.4W zener |
| Z8 | BZV49C9V1 | Zet | O | SOT89 | 1W ±5% zener 9.1V |
| Z9 | BZX84-C10 | Phi | C | SOT23 | 0.3W zener 10V |
| Z9 | PDZ5.6B | Phi | I | SOD323 | 5.6V 0.4W zener |
| Z1 | BZV49C10 | Zet | O | SOT89 | 1W ±5% zener 10V |
| Z10 | SST310 | Sil | F | SOT23 | J310 n-ch jfet |
| Z11 | BZX84-C2V4 | Phi | C | SOT23 | 0.3W zener 2.4V ±5% |
| Z12 | BZX84-C2V7 | Phi | C | SOT23 | 0.3W zener 2.7V ±5% |
| Z13 | BZX84-C3V0 | Phi | C | SOT23 | 0.3W zener 3.0V ±5% |
| Z14 | BZX84-C3V3 | Phi | C | SOT23 | 0.3W zener 3.3V ±5% |
| Z15 | BZX84-C3V6 | Phi | C | SOT23 | 0.3W zener 3.6V ±5% |
| Z16 | BZX84-C3V9 | Phi | C | SOT23 | 0.3W zener 3.9V ±5% |
| Z17 | BZX84-C4V3 | Phi | C | SOT23 | 0.3W zener 4.3V ±5% |
| Z21 | DTC113ZE | Rho | N | EMT3 | npn dtr 1k0 + 10k 50V 100mA |
| Z21 | DTC113ZUA | Rho | N | SC70 | npn dtr 1k0 + 10k 50V 100mA |
| Z21 | DTC113ZKA | Rho | N | SC59 | npn dtr 1k0 + 10k 50V 100mA |
| Z50 | BZX84-B2V4 | Phi | C | SOT23 | 0.3W zener 2.4V ±2% |
| Z51 | BZX84-B2V7 | Phi | C | SOT23 | 0.3W zener 2.7V ±2% |
| Z52 | BZX84-B3V0 | Phi | C | SOT23 | 0.3W zener 3.0V ±2% |
| Z53 | BZX84-B3V3 | Phi | C | SOT23 | 0.3W zener 3.3V ±2% |
| Z54 | BZX84-B3V6 | Phi | C | SOT23 | 0.3W zener 3.6V ±2% |
| Z55 | BZX84-B3V9 | Phi | C | SOT23 | 0.3W zener 3.9V ±2% |
| Z56 | BZX84-B4V3 | Phi | C | SOT23 | 0.3W zener 4.3V ±2% |
| Z57 | BZX84-B4V7 | Phi | C | SOT23 | 0.3W zener 4.7V ±2% |
| Z58 | BZX84-B5V1 | Phi | C | SOT23 | 0.3W zener 5.1V ±2% |
| Z59 | BZX84-B5V6 | Phi | C | SOT23 | 0.3W zener 5.6V ±2% |
| Z60 | BZX84-B6V2 | Phi | C | SOT23 | 0.3W zener 6.2V ±2% |
| Z61 | BZX84-B6V8 | Phi | C | SOT23 | 0.3W zener 6.8V ±2% |
| Z62 | BZX84-B7V5 | Phi | C | SOT23 | 0.3W zener 7.5V ±2% |
| Z63 | BZX84-B8V2 | Phi | C | SOT23 | 0.3W zener 8.2V ±2% |
| Z64 | BZX84-B9V1 | Phi | C | SOT23 | 0.3W zener 9.1V ±2% |
| Z65 | BZX84-B10 | Phi | C | SOT23 | 0.3W zener 10V ±2% |
| Z66 | BZX84-B11 | Phi | C | SOT23 | 0.3W zener 11V ±2% |
| Z67 | BZX84-B12 | Phi | C | SOT23 | 0.3W zener 12V ±2% |
| Z68 | BZX84-B13 | Phi | C | SOT23 | 0.3W zener 13V ±2% |
| Z69 | BZX84-B15 | Phi | C | SOT23 | 0.3W zener 15V ±2% |
| Z70 | BZX84-B16 | Phi | C | SOT23 | 0.3W zener 16V ±2% |
| Z71 | BZX84-B18 | Phi | C | SOT23 | 0.3W zener 18V ±2% |
| Z72 | BZX84-B20 | Phi | C | SOT23 | 0.3W zener 20V ±2% |
| Z73 | BZX84-B22 | Phi | C | SOT23 | 0.3W zener 22V ±2% |
| Z74 | BZX84-B24 | Phi | C | SOT23 | 0.3W zener 24V ±2% |
| Z75 | BZX84-B27 | Phi | C | SOT23 | 0.3W zener 27V ±2% |
| Z76 | BZX84-B30 | Phi | C | SOT23 | 0.3W zener 30V ±2% |
| Z77 | BZX84-B33 | Phi | C | SOT23 | 0.3W zener 33V ±2% |
| Z78 | BZX84-B36 | Phi | C | SOT23 | 0.3W zener 36V ±2% |
| Z79 | BZX84-B39 | Phi | C | SOT23 | 0.3W zener 39V ±2% |
| Z80 | BZX84-B43 | Phi | C | SOT23 | 0.3W zener 43V ±2% |
| Z81 | BZX84-B47 | Phi | C | SOT23 | 0.3W zener 47V ±2% |
| Z82 | BZX84-B51 | Phi | C | SOT23 | 0.3W zener 51V ±2% |
| Z83 | BZX84-B56 | Phi | C | SOT23 | 0.3W zener 56V ±2% |
| Z84 | BZX84-B62 | Phi | C | SOT23 | 0.3W zener 62V ±2% |
| Z85 | BZX84-B68 | Phi | C | SOT23 | 0.3W zener 68V ±2% |
| Z86 | BZX84-B75 | Phi | C | SOT23 | 0.3W zener 75V ±2% |
| ZA | BZX284-C7V5 | Phi | I | SOD110 | 0.4W zener 7.5V ±5% |
| ZA | PDZ6.2B | Phi | I | SOD323 | 6.2V 0.4W zener |
| ZB | FMMT4123 | Zet | N | SOT23 | 2N4123 |

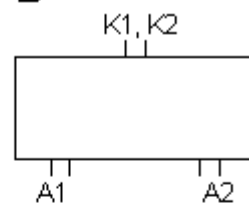
| | | | | | |
|-----|-------------|-----|---|--------|--------------------------|
| ZB | PDZ6.8B | Phi | I | SOD323 | 6.8V 0.4W zener |
| ZB | BZX284-C8V2 | Phi | I | SOD110 | 0.4W zener 8.2V ±5% |
| ZC | FMMT4124 | Zet | N | SOT23 | 2N4124 |
| ZC | BZX284-C9V1 | Phi | I | SOD110 | 0.4W zener 9.1V ±5% |
| ZC | PDZ7.5B | Phi | I | SOD323 | 7.5V 0.4W zener |
| ZD | FMMT4125 | Zet | N | SOT23 | 2N4125 |
| ZD | MMBT4125 | Mot | N | SOT23 | 2N4125 |
| ZD | BZX284-C10 | Phi | I | SOD110 | 0.4W zener 10V ±5% |
| ZD | PDZ8.2B | Phi | I | SOD323 | 8.2V 0.4W zener |
| ZE | FMMT4126 | Zet | N | SOT23 | 2N4126 |
| ZE | MMBT4123 | Nat | N | SOT23 | 2N4123 |
| ZE | BZX284-C11 | Phi | I | SOD110 | 0.4W zener 11V ±5% |
| ZE | PDZ9.1B | Phi | I | SOD323 | 9.1V 0.4W zener |
| ZF | BZX284-C12 | Phi | I | SOD110 | 0.4W zener 12V ±5% |
| ZF | PDZ10B | Phi | I | SOD323 | 10V 0.4W zener |
| ZG | BZX284-C13 | Phi | I | SOD110 | 0.4W zener 13V ±5% |
| ZG | PDZ11B | Phi | I | SOD323 | 11V 0.4W zener |
| ZH | BZX284-C15 | Phi | I | SOD110 | 0.4W zener 15V ±5% |
| ZH | PDZ12B | Phi | I | SOD323 | 12V 0.4W zener |
| ZHK | SM2Z5V1 | STM | I | 2W SMD | 5.1V 2W zener |
| ZHL | SM2Z5V6 | STM | I | 2W SMD | 5.6V 2W zener |
| ZHW | SM2Z12 | STM | I | 2W SMD | 12V 2W zener |
| ZI | BZX284-C16 | Phi | I | SOD110 | 0.4W zener 16V ±5% |
| ZJ | BZX284-C18 | Phi | I | SOD110 | 0.4W zener 18V ±5% |
| ZJ | PDZ13B | Phi | I | SOD323 | 13V 0.4W zener |
| ZJF | SM2Z18 | STM | I | 2W SMD | 18V 2W zener |
| ZJQ | SM2Z30 | STM | I | 2W SMD | 30V 2W zener |
| ZK | BZX284-C20 | Phi | I | SOD110 | 0.4W zener 20V ±5% |
| ZK | PDZ15B | Phi | I | SOD323 | 15V 0.4W zener |
| ZKR | SM2Z150 | STM | I | 2W SMD | 150V 2W zener |
| ZL | BZX284-C22 | Phi | I | SOD110 | 0.4W zener 22V ±5% |
| ZL | PDZ16B | Phi | I | SOD323 | 16V 0.4W zener |
| ZM | BZX284-C24 | Phi | I | SOD110 | 0.4W zener 24V ±5% |
| ZM | PDZ18B | Phi | I | SOD323 | 18V 0.4W zener |
| ZN | BZX284-C27 | Phi | I | SOD110 | 0.4W zener 27V ±5% |
| ZN | PDZ20B | Phi | I | SOD323 | 20V 0.4W zener |
| ZO | BZX284-C30 | Phi | I | SOD110 | 0.4W zener 30V ±5% |
| ZP | BZX284-C33 | Phi | I | SOD100 | 0.4W zener 33V ±5% |
| ZP | PDZ22B | Phi | I | SOD323 | 22V 0.4W zener |
| ZQ | BZX284-C36 | Phi | I | SOD110 | 0.4W zener 36V ±5% |
| ZQ | PDZ24B | Phi | I | SOD323 | 24V 0.4W zener |
| Z-Q | 2PC4081Q | Phi | N | SOT323 | gp npn hfe 120-270 |
| ZtQ | 2PC4081Q | Phi | N | SOT323 | gp npn hfe 120-270 |
| ZR | MSD1819A | Mot | N | SOT323 | nnp gp 50V |
| ZR | BZX284-C39 | Phi | I | SOD110 | 0.4W zener 39V ±5% |
| ZR | PDZ27B | Phi | I | SOD323 | 27V 0.4W zener |
| Z-R | 2PC4081R | Phi | N | SOT323 | gp npn hfe 180-390 |
| ZtR | 2PC4081R | Phi | N | SOT323 | gp npn hfe 180-390 |
| ZS | BZX284-C43 | Phi | I | SOD110 | 0.4W zener 43V ±5% |
| ZS | PDZ30B | Phi | I | SOD323 | 30V 0.4W zener |
| ZS1 | ZHCS1000 | Zet | E | SOT23 | 30V 1A schottky diode |
| ZS5 | ZHCS500 | Zet | E | SOT23 | 40V 0.5A schottky diode |
| ZS7 | ZHCS750 | Zet | E | SOT23 | 30V 0.75A schottky diode |
| Z-S | 2PC4081S | Phi | N | SOT323 | gp npn hfe 270-560 |
| ZtS | 2PC4081S | Phi | N | SOT323 | gp npn hfe 270-560 |
| ZT | BZX284-C47 | Phi | I | SOD110 | 0.4W zener 47V ±5% |
| ZT | PDZ33B | Phi | I | SOD323 | 33V 0.4W zener |
| ZU | BZX284-C51 | Phi | I | SOD110 | 0.4W zener 51V ±5% |
| ZU | PDZ36B | Phi | I | SOD323 | 36V 0.4W zener |
| ZV | BZX284-C56 | Phi | I | SOD110 | 0.4W zener 56V ±5% |
| ZW | BZX284-C62 | Phi | I | SOD110 | 0.4W zener 62V ±5% |
| ZX | BZX284-C68 | Phi | I | SOD110 | 0.4W zener 68V ±5% |
| ZY | BZX284-C75 | Phi | I | SOD110 | 0.4W zener 75V ±5% |
| ZS1 | ZHCS1000 | Zet | C | SOT23 | schottky 1A 30V |
| ZS7 | ZHCS750 | Zet | C | SOT23 | schottky 0.75A 30V |

BASE PACKAGES

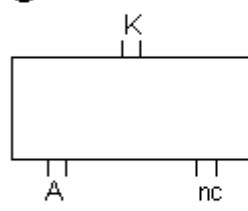
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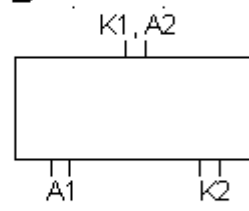
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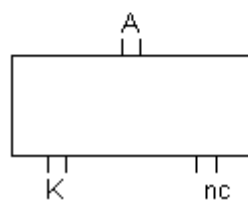
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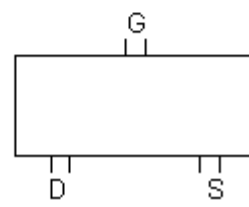
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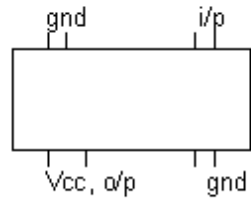
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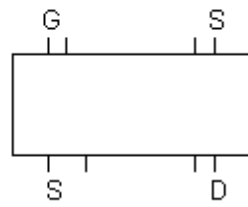
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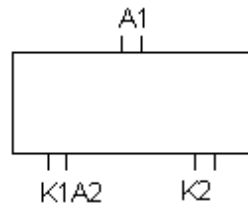
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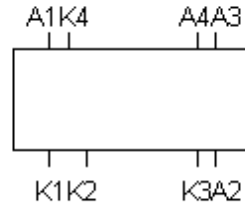
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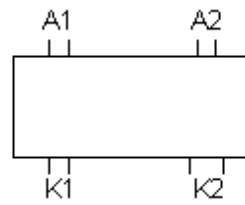
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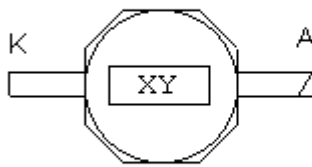
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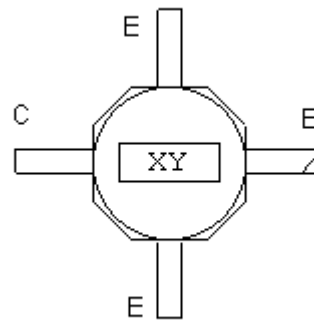
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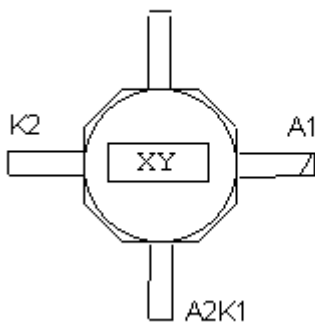
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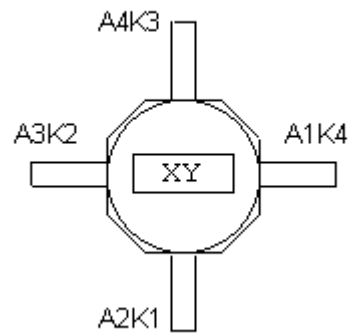
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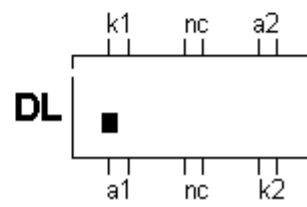
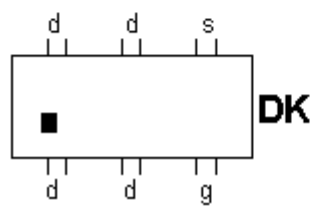
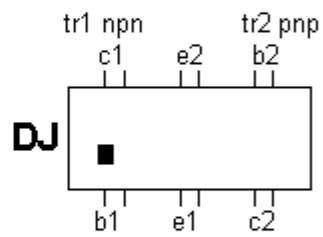
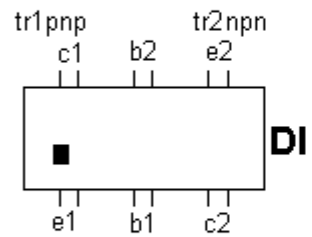
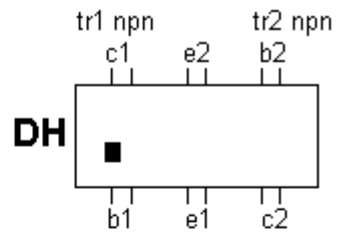
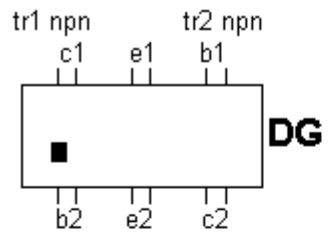
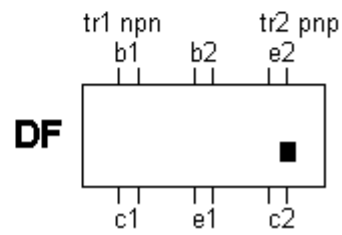
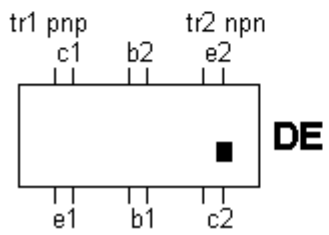
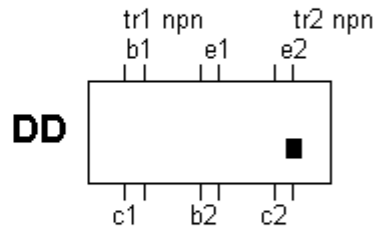
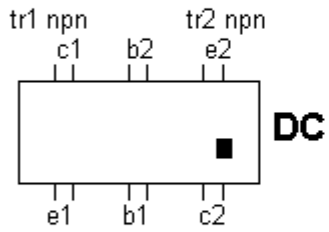
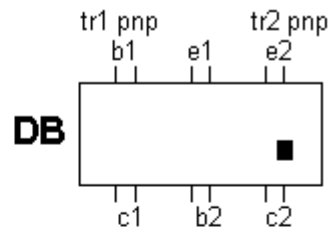
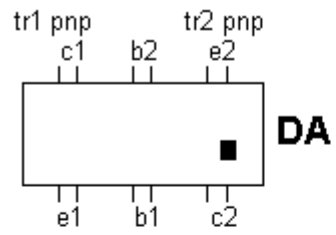


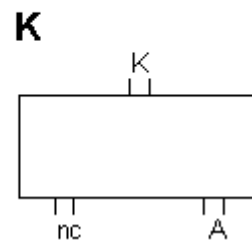
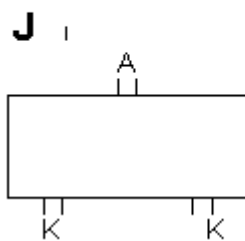
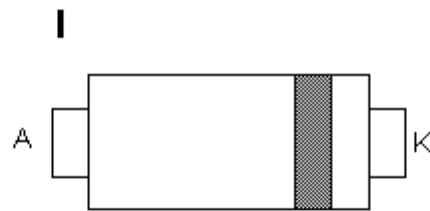
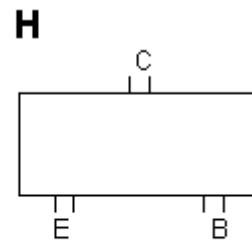
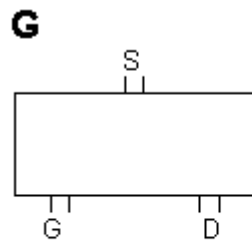
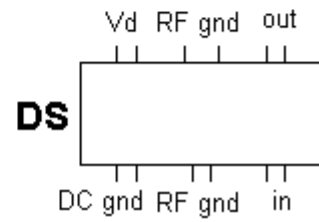
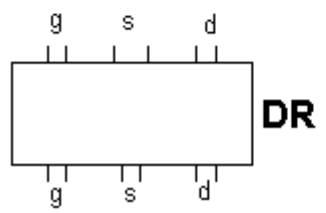
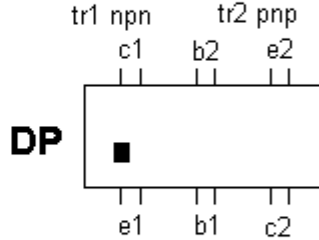
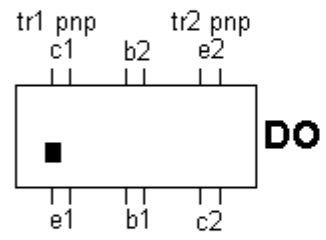
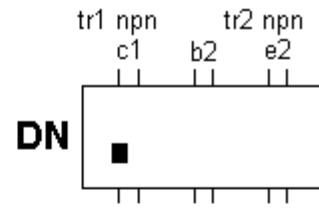
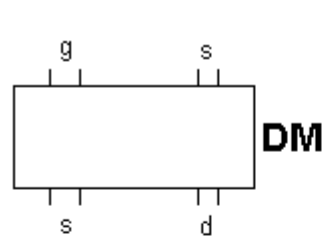
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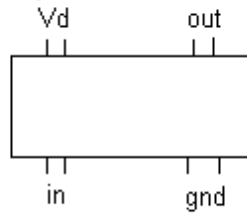
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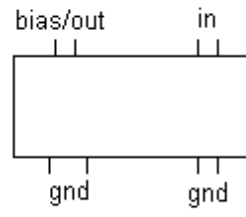




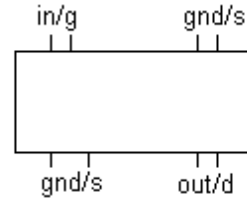
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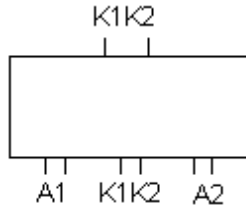
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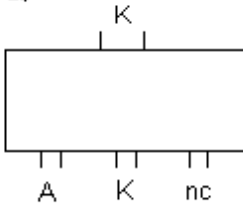
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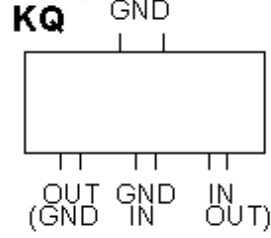
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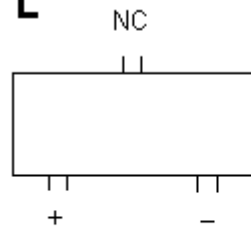
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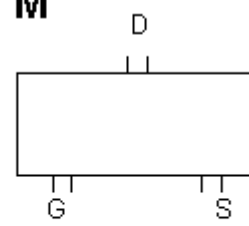
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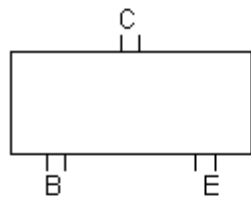
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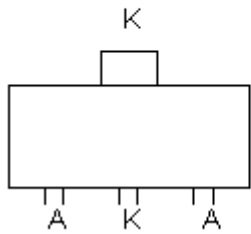
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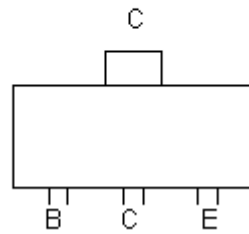
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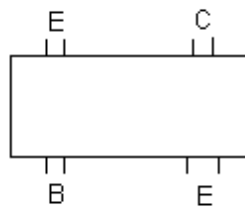
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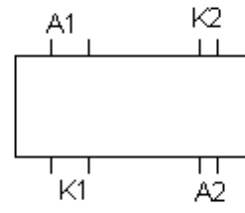
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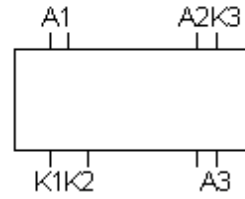
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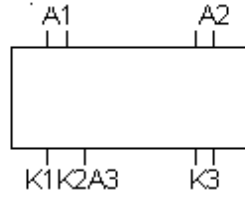
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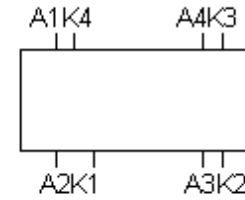
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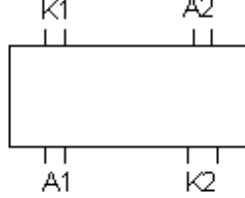
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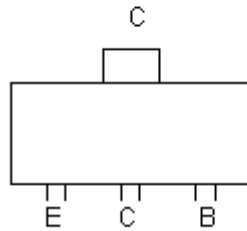
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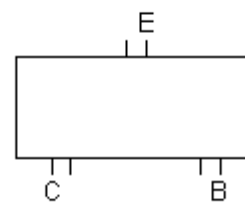
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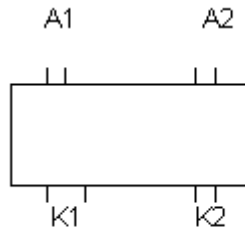
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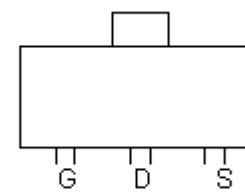
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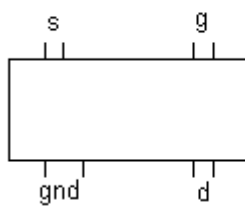
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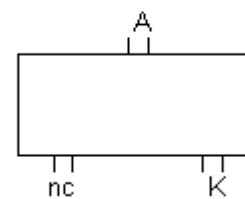
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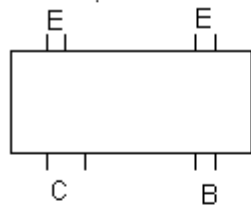
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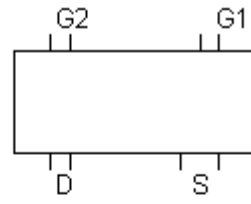
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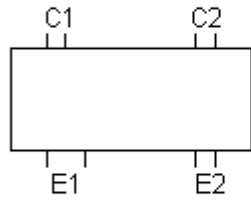
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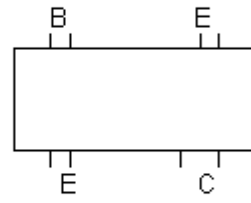
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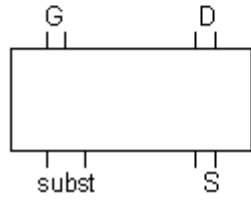
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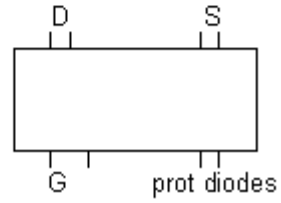
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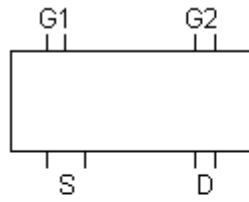
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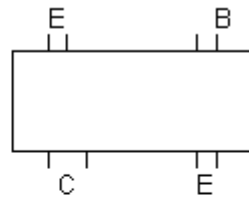
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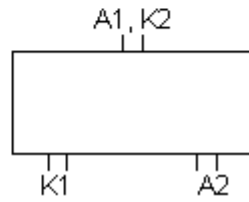
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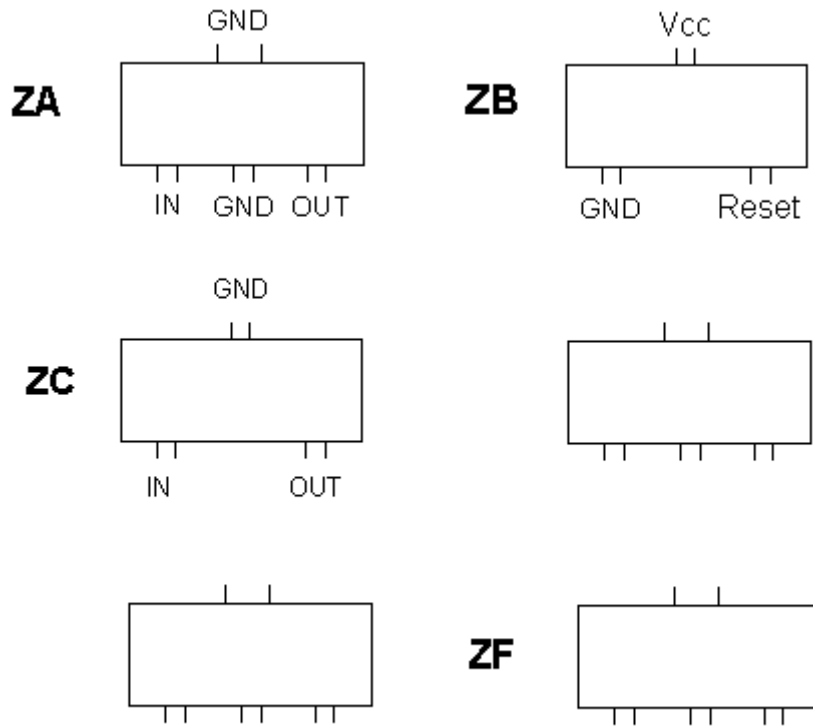


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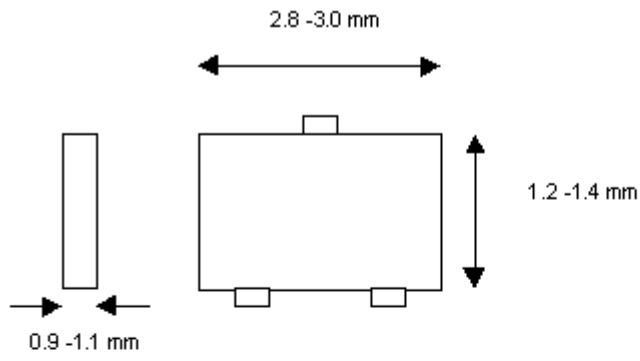




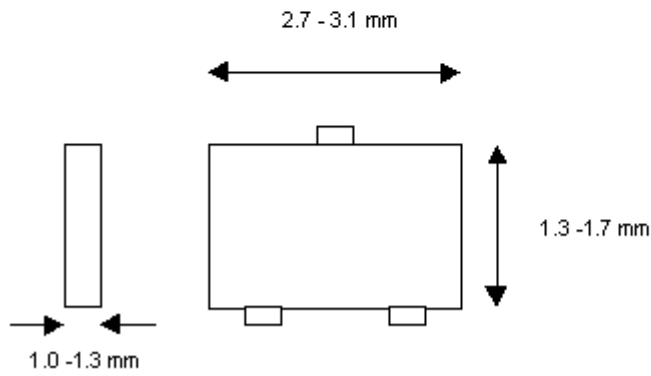
PACKAGE EQUIVALENTS

Here is a table of more-or-less equivalents for many SMD packages.

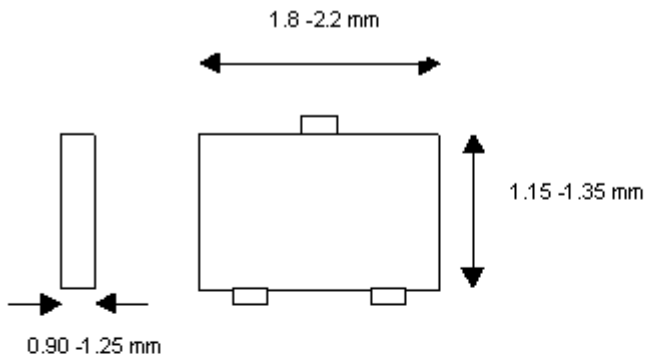
| Package | Equivalent |
|---------|------------|
| SOT89 | SC62 |
| SOT223 | SC73 |
| SOT323 | SC70 |
| SOT346 | SC59 |
| SOT363 | SC88 |
| SOT416 | SC75 SC90 |
| SOT457 | SC74 |
| SOD323 | SC76 |



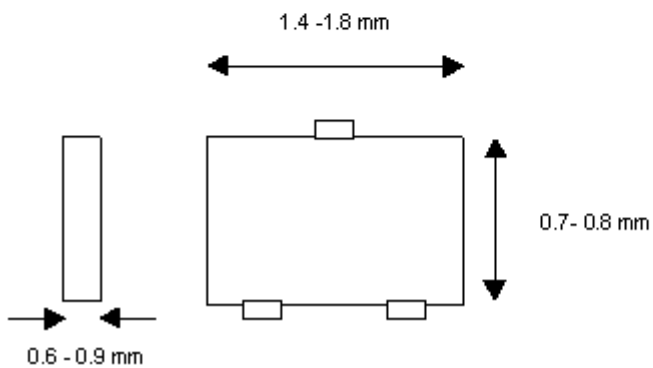
SOT- 23



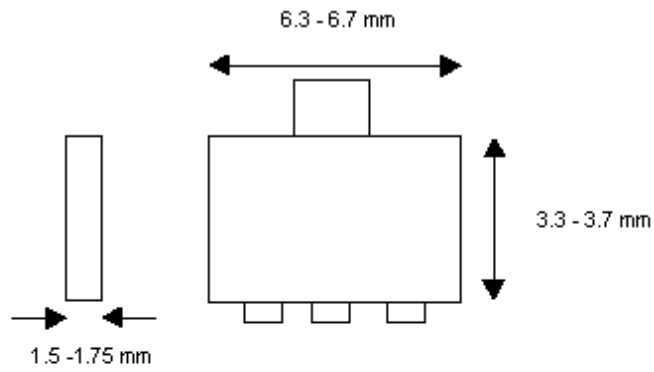
SC- 59



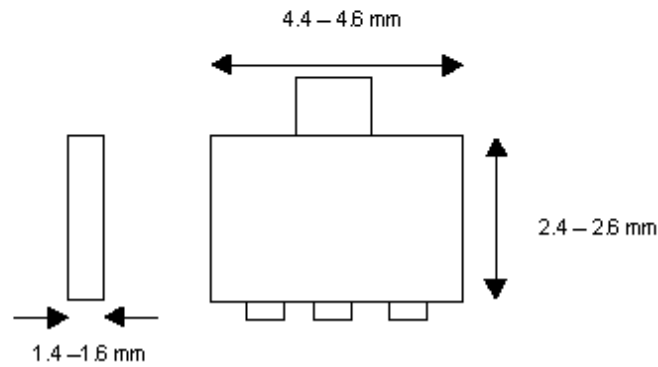
SOT- 323/SC-70



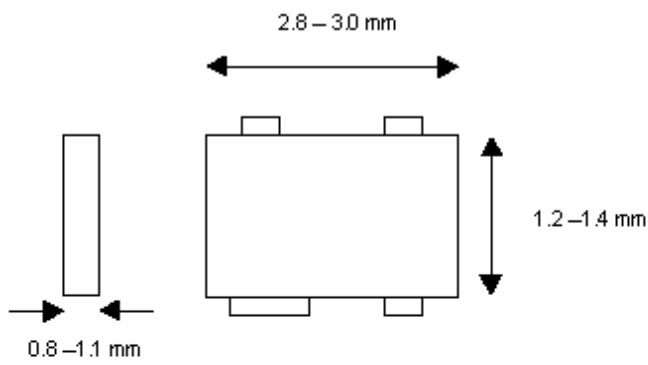
SOT- 416/SC- 90



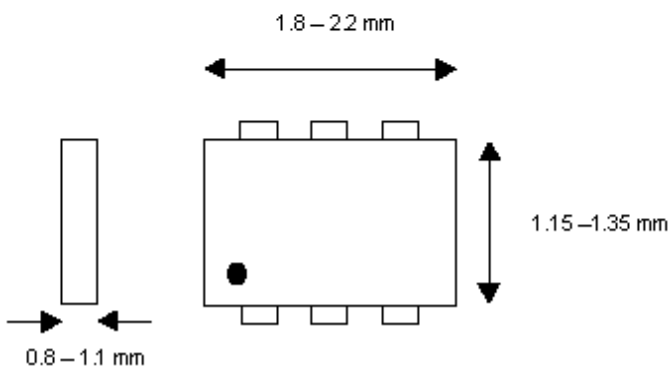
SOT- 223



SOT- 89



SOT-143



SOT-363

SMD Ceramic Capacitor Coding

SMD ceramic capacitors are sometimes marked with a code, consisting of one or two letters and a digit. The first letter if present is a manufacturer code (i.e K for Kemet, etc.), the second letter the mantissa and the digit the exponent (multiplier) of the capacitance in pF. For example **S3** is a 4.7nF (4.7×10^3 pf) capacitor from an unknown manufacturer, while **KA2** is a 100 pF (1.0×10^2 pF) capacitor from Kemet. *Thanks to K7ITM for providing this information!*

| Letter | Mantissa | Letter | Mantissa | Letter | Mantissa | Letter | Mantissa |
|--------|----------|--------|----------|--------|----------|--------|----------|
| A | 1.0 | J | 2.2 | S | 4.7 | a | 2.5 |
| B | 1.1 | K | 2.4 | T | 5.1 | b | 3.5 |
| C | 1.2 | L | 2.7 | U | 5.6 | d | 4.0 |
| D | 1.3 | M | 3.0 | V | 6.2 | e | 4.5 |
| E | 1.5 | N | 3.3 | W | 6.8 | f | 5.0 |
| F | 1.6 | P | 3.6 | X | 7.5 | m | 6.0 |
| G | 1.8 | Q | 3.9 | Y | 8.2 | n | 7.0 |
| H | 2.0 | R | 4.3 | Z | 9.1 | t | 8.0 |
| | | | | | | y | 9.0 |

SMD Electrolytic Capacitor Coding

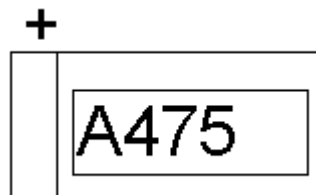
SMD electrolytic capacitors are often marked with their capacitance and working voltage, e.g. **10 6V** is 10 μF 6V. Sometimes a code is used instead, which normally consists of a letter and 3 digits. The letter indicates the working voltage and the 3 digits (2 digits and multiplier) give the capacitance in pF.

| Letter | Voltage |
|--------|---------|
| e | 2.5 |
| G | 4 |
| J | 6.3 |
| A | 10 |
| C | 16 |
| D | 20 |
| E | 25 |
| V | 35 |
| H | 50 |

The band or stripe indicates the positive terminal.

For example, a capacitor marked **A475** is a 4.7 μF 10V unit.

$$475 = 47 \times 10^5 \text{ pF} = 4.7 \times 10^6 \text{ pF} = 4.7 \mu\text{F}$$



SMD Resistor Coding

SMD Resistors are usually coded with a numerical equivalent of the familiar three band colour code. In the same way as wire ended components, precision resistors (1% or better) may be marked with a four digit code.

The first two (or 3) digits are the first two (or 3) digits of the resistance in ohms, and

the third(or 4th) is the number of zeros to follow - the 'multiplier'. Resistances of less than 10 ohms have a 'R' to indicate the position of the decimal point.

Some examples will meake this clearer:

Three Digit Examples

330 is 33 ohms - *not 330 ohms*

221 is 220 ohms

683 is 68000 ohms, or 68 kohm

105 is 1000000 ohms, or 1 Mohm

8R2 is 8.2 ohms

Four Digit Examples

1000 is 100 ohms - *not 1000 ohms*

4992 is 49900 ohms, or 49.9 kohm

16234 is 162000 ohms, or 162 kohm

0R56 or **R56** is 0.56 ohms

SOD-123 Package Diodes

Colour-coded SOD-123 diodes. Devices marked with letter/number codes will be found in the main list.

| CATHODE BAND | Devices |
|--------------|------------------------|
| Red | BA620, BB620 |
| Yellow | BA619, BB619 |
| Green | BA585 |
| Blue | BA582, 583, 584 |
| White | BA512, 515, BB515, 811 |

HP diode coding

HP diodes appear to follow a regular coding scheme. Although this is not always followed, it may help in identifying diodes and package styles if used with caution. Not all HP diodes follow this scheme, so beware!

The general type number scheme is: **HSMX-123#**

HSM stands for HP Surface Mount, I suppose!

X is either **S** for a schottky diode or **P** for a PIN diode.

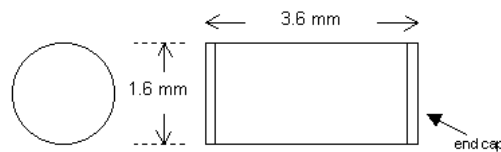
is a letter for a SOT323 package and a number for a SOT23 device.

It denotes the internal arrangement - single, common anode pair, quad, etc. The digit of the code marked on the package itself usually corresponds to the package style (#) number. The numbers and letters correspond to the following arrangements:

| Device style | # SOT-23 | # SOT-323 | Printed on package | Codebook base |
|-------------------------|----------|-----------|--------------------|---------------|
| Single diode - standard | 0 | B | 0 | C |
| Single diode – reverse | 1 | A | 1 | K |
| Dual series - standard | 2 | C | 2 | D |
| Dual series – reverse | 2 | C | 2 | Z |
| Common anode pair | 3 | | 3 | A |
| Common cathode pair | 4 | | 4 | B |
| Unconnected pair | 5 | | 5 | S |
| Ring Quad | 7 | | 7 | RQ |
| Bridge Quad | 8 | | 8 | BQ |
| Dual Anode | | | A | Y |
| Dual Cathode | | | B | J |

SOD-80 Package Diodes

The SOD-80 package, also known as a MELF, is a small glass cylinder with metal ends.



Code marked devices

Marked 2Y4 to 75Y (E24 series) BZV49 series 1W zener diodes (2.4 - 75V)

Marked C2V4 TO C75 (E24 series) BZV55 series 500mW zener diodes (2.4 - 75V)

The cathode end is indicated by a coloured band.

Coloured band marked devices

| CATHODE BAND(S) | Device |
|-----------------|---|
| Black | BAS32, BAS45, BAV105 LL4148, 50, 51,53, LL4448 BB241, BB249 |
| Black Brown | LL4148, LL914 |
| Black Orange | LL4150, BB219 |
| Brown Green | LL300 |
| Brown Black | LL4448 |
| Red | BA682 |
| Red Orange | BA683 |

| | |
|---------------|---------------------------------|
| Red Green | BA423L |
| Red WHite | LL600 |
| Orange Yellow | LL3595 |
| Yellow | BZV55,BZV80,BZV81 series zeners |
| Green | BAV105, BB240 |
| Green Black | BAV100 |
| Green Brown | BAV101 |
| Green Red | BAV102 |
| Green Orange | BAV103 |
| Grey | BAS81, 82, 83, 85, 86 |
| White | BB219 |
| White Green | BB215 |