

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 PDA114EU	Phi	N	SOT416	pnnp dtr
p11	PDA114TT	Phi	N	SOT23	pnnp dtr
t11	PDA114TT	Phi	N	SOT23	pnnp 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	pnnp dtr 2k2+2k2 50V 100ma
	12 DTA123EKA	Rho	N	SC59	pnnp dtr 2k2+2k2 res 50V 100ma
p12	PDT114TT	Phi	N	SOT23	npn dtr
t12	PDT114TT	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	pnnp dtr 4k7+4k7 50V 100ma
	13 DTA143EKA	Rho	N	SC59	pnnp dtr 4k7+4k7 50V 100ma
	13 DTA143ECA	Rho	N	SOT23	pnnp 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
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/pnp 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/npnp 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/npnp 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	pnp 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	–	nnp 11V 3.2GHz TV tuners
1DR	MSD1328R	Mot	N	SOT346	nnp 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
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
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	nnp 300V 50mA BF420
1Vt	BF820	Phi	N	SOT23	nnp 300V 50mA BF420
1Vt	BF820W	Phi	N	SOT323	nnp 300V 50mA BF420
1V–	BF820W	Phi	N	SOT323	nnp 300V 50mA BF420
1W	FMMT3903	Zet	N	SOT23	2N3903
1Wp	BF821	Phi	N	SOT23	npn 300V 50mA BF421
1Wt	BF821	Phi	N	SOT23	npn 300V 50mA BF421
1W t	BF822W	Phi	N	SOT323	npn 300V 50mA BF421
1W –	BF822W	Phi	N	SOT323	npn 300V 50mA BF421
1X	MMBT930L	Mot	N	SOT23	MPS3904
1Xp	BF822	Phi	N	SOT23	nnp 250V 50mA BF422
1Xt	BF822	Phi	N	SOT23	nnp 250V 50mA BF422
1Y	MMBT3903	Mot	N	SOT23	2N3903
1Yp	BF823	Phi	N	SOT23	npn 250V 50mA BF423
1Yt	BF823	Phi	N	SOT23	npn 250V 50mA BF423
1Z	BAS70–06	Zet	A	SOT23	dual RF CA schottky diode
1Z	MMBT6517	Mot	N	SOT23	2N6517 npn Vce 350V