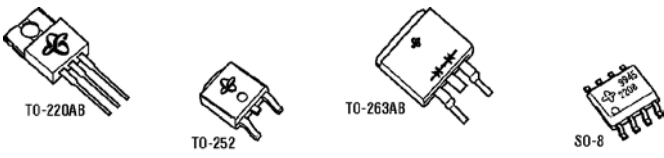


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GENFET™ Power MOSFETs

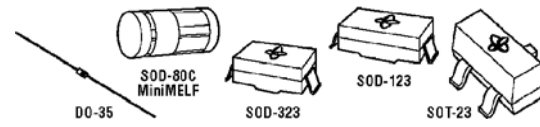


N-Channel MOSFETs

Mfr.'s Type				Config.	Power (W)	Current (A)	Volt (V)	RDS (on) (Ω)
TO-220	TO-252	TO-263	SO-8					
—	—	—	GF2208	Single	2.5	13.0	30	0.0080
—	—	—	GF2524	Dual	2.0	5.8/7.8	30	0.0370/0.0180
—	—	—	GF2918	Dual	2.0	7.8	30	0.0180
—	—	—	GF4410	Single	2.5	10.0	30	0.0135
—	—	—	GF4412	Single	2.5	7.0	30	0.0280
—	—	—	GF4420	Single	2.5	12.5	30	0.0090
—	—	—	GF4435*	Single	2.5	8.0	30	0.0200
—	—	—	GF4450	Single	2.5	7.5	60	0.0240
—	—	—	GF4936	Dual	2.0	5.8	30	0.0370
—	—	—	GF9410	Single	2.5	7.0	30	0.0300
—	—	—	GF9926	Dual	2.0	6.0	20	0.0300
GFPS0N03	—	—	—	Single	62.5	50.0	30	0.0130
GFPT0N03	—	—	—	Single	62.5	70.0	30	0.0080
GFPT5N03	—	—	—	Single	62.5	75.0	30	0.0065
—	GFDS0N03	—	—	Single	38.0	40.0	30	0.0150
—	GFDS0N03	—	—	Single	50.0	58.0	30	0.0090

* P-Channel

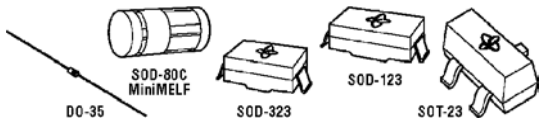
Small Signal Switching Diodes



Mfr.'s Type	Surface Mount						Reverse Voltage VBR (V)	Forward Current IF Max. (mA)	Forward Voltage @ Forward Current VF max @ IF	
	DO-35*	SOD-80C	SOD-323*	SOD-123†	SOT-23‡	SOT-23§			SOT-23Δ	mV
BAW75	—	—	—	—	—	—	35	150	1.00	30
1N4150	LL4150‡	—	—	—	—	—	50	200	1.00	200
—	BAV100†	—	1N4150W	—	—	—	60	200	1.15	200
—	—	—	—	BAL99	—	BAV99	70	250	1.00	50
—	—	—	—	—	—	BAV70	70	250	1.00	50
—	—	—	—	—	—	BAW56	70	250	1.00	50
—	—	—	—	MMBD6050	—	—	70	200	1.10	100
—	—	—	—	—	—	—	75	150	1.00	50
1N4151	LL4151‡	—	1N4151W	—	—	—	75	250	1.00	50
—	—	BAS16WS	BAS16D	BAS16	—	—	75	150	1.00	100
BAW76	—	—	—	—	—	—	75	150	1.00	100
1N914	—	—	—	MMBD914	—	—	100	75/200	1.00	10
1N4148	LL4148‡	1N4148WS	1N4148W	IMBD4148	—	—	100	150	1.00	10
1N4448	LL4448‡	1N4448W	1N4448W	IMBD4448	—	—	100	150	1.00	100
BAV19	BAV101†	BAV19WS	BAV19W	—	—	MMBD7000	100	200	1.10	100
BAV20	BAV102†	BAV20WS	BAV20W	—	BAS19	—	100	200	1.00	100
BAV21	BAV103†	BAV21WS	BAV21W	—	BAS20	—	150	200	1.00	100
—	—	—	GSD200SW	—	BAS21	—	200	200	1.00	100
—	—	—	—	—	GSD200AS	—	300	200	1.00	100

*500 mW. †400 mW. ‡500 mW. ‡200 mW. ‡Single, 250 mW. §Single, 350 mW. ΔDual, 350 mW.

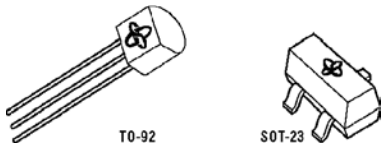
Small Signal Schottky Diodes



Mfr.'s Type	Surface Mount						Reverse Voltage VRR (V)	Forward Voltage @ Forward Current VFR max @ IF	
	DO-35	SOD-80C	SOD-323	SOD-123	SOT-23*	SOT-23†		mV	mA
—	—	BAT17WS	BAT17W	BAT17	BAT17DS	—	10	600	10
SD103C	LL103C	SD103CWS	SD103CW	BAT17	BAT17DS	—	20	370	20
BAT85	BAS85	BAT54WS	BAT54W	BAT54	BAT54A*	—	30	400	10
—	—	—	—	—	BAT54C*	—	30	400	10
—	—	—	—	—	BAT54S*	—	30	400	10
BAT42	LL42	—	BAT42W	—	—	—	30	400	10
BAT43	LL43	—	BAT43W	—	—	—	30	330	2
BAT48	LL48	—	—	—	—	—	30	400	10
SD103B	LL103B	SD103BWS	SD103BW	—	—	—	30	370	20
—	—	SD108WS	—	—	—	—	30	370	2
—	—	SD107WS	—	—	—	—	30	300	2
SD101C	LL101C	SD101CWS	SD101CW	—	—	—	40	390	1
—	—	—	—	BAS40	BAS40-04	—	40	380	1
—	—	—	—	—	BAS40-05	—	40	380	1
—	—	—	—	—	BAS40-06	—	40	380	1
SD103A	LL103A	SD103AWS	SD103AW	—	—	—	40	370	20
SD101B	LL101B	SD101BWS	SD101BW	—	—	—	50	400	1
BAT86	BAS86	—	—	—	—	—	50	380	1
SD101A	LL101A	SD101AWS	SD101AW	—	—	—	60	410	1
1N5711	LL5711	—	—	BAS70	BAS70-04	—	70	410	1
—	—	—	—	—	BAS70-05	—	70	410	1
—	—	—	—	—	BAS70-06	—	70	410	1
BAT46	LL46	—	BAT46W	—	—	—	100	450	10

*Single. †Dual. ‡Dual SOT-23. A — 06, common anode; C — 05, common cathode; S — 04, series.

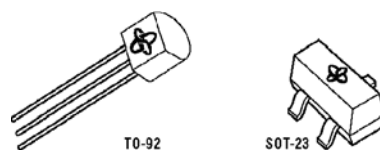
Small Signal DMOS Transistors



Mfr.'s Type				VDS (V)	ID (mA)	RDS(on) (Ω)	@VGS/ID
TO-92*		SOT-23†					
N-Channel	P-Channel	N-Channel	P-Channel				
—	—	2N7002	—	60	250	7.5	10 V/500 mA
—	BS250	BS870	BS850	60	250	5.0	10 V/200 mA
2N7000	—	—	—	60	300	5.0	10 V/500 mA
BS170	—	—	—	60	300	5.0	10 V/200 mA

*Leaded. †Surface mount.

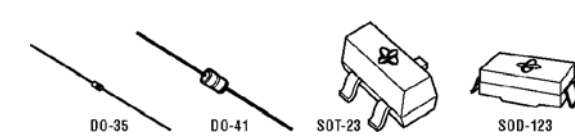
Small Signal Bipolar Transistors



Mfr.'s Type				VCE (V)	IC (mA)	hFE			@VCE/IC
TO-92*		SOT-23†				Min.	Typ.	Max.	
NPN	PNP	NPN	PNP						
2N3904	2N3906	MMBT3904	MMBT3906	40	200	100	300	1 V/10 mA	
2N4401	2N4403	MMBT4401	MMBT4403	40	600	—	100	300	
MPS2222A	MPS2907A	MMBT2222A	MMBT2907A	40	600	—	100	300	
BC547A	BC557A	BC847A	BC857A	45	100	—	220	—	
BC547B	BC557B	BC847B	BC857B	45	100	—	330	—	
BC547C	BC557C	BC847C	BC857C	45	100	—	600	—	
—	—	BC817-16	BC807-16	45	500	100	—	250	
—	—	BC817-25	BC807-25	45	500	160	—	400	
—	—	BC817-40	BC807-40	45	500	250	—	600	
BC337-16	BC327-16	—	—	45	800	100	160	250	
BC337-25	BC327-25	—	—	45	800	160	250	400	
BC337-40	BC327-40	—	—	45	800	250	400	630	
—	—	BCW66G	BCW68G	45	800	160	—	400	
MPSA06	MPSA56	MMBT406	MMBT456	80	500	—	100	—	

*Leaded. †Surface mount.

Zener Diodes



Mfr.'s Type				Pmax (mW)	Zener Voltage Range	Zener Voltage Tolerance
DO-35	DO-41	SOT-23	SOD-123			
1N5226B	1N4728A	—	—	500	3.3	5%
1N5230B	1N4732A	—	—	500	4.7	5%
1N5231B	1N4733A	—	—	500	5.1	5%
1N5232B	1N4734A	—	—	500	5.6	5%
1N5240B	1N4740A	—	—	500	10.0	5%
1N5245B	1N4744A	—	—	500	15.0	5%
—	—	MMBZ5226B	MMSZ5226B	300	3.3	5%
—	—	MMBZ5230B	MMSZ5230B	300	4.7	5%
—	—	MMBZ5232B	MMSZ5232B	300	5.6	5%
—	—	MMBZ5235B	MMSZ5235B	300	6.8	5%
—	—	MMBZ5236B	MMSZ5236B	300	7.5	5%
—	—	MMBZ5237B	MMSZ5237B	300	8.2	5%
—	—	MMBZ5239B	MMSZ5239B	300	9.1	5%
—	—	MMBZ5240B	MMSZ5240B	300	10.0	5%
—	—	MMBZ5242B	MMSZ5242B	300	12.0	5%
—	—	MMBZ5248B	MMSZ5248B	300	18.0	5%
—	—	MMBZ5250B	MMSZ5250B	300	20.0	5%
—	—	MMBZ5254B	MMSZ5254B	300	27.0	5%
—	—	MMBZ5257B	MMSZ5257B	300	33.0	5%