

MOSFETs, Diodes, Suppressors, Triacs & Rectifiers

3 LEVELS OF SAVINGS
NAME BRANDS HOUSE BRANDS FACTORY OVERRUN

Semiconductors

IR International Rectifier

Hexfet Power MOSFETs

* Web Code: HDU

Part No.	Mfr. Part No.	Pkg.	Channel	BV _{DS}	Min. On-St.	DS Current	* Order in multiples of 10		
							1	10	100
1563083	IRFZ24	TO-220AB	N	60	17A	.....	\$1.49	\$1.25	\$1.19
1563147	IRFZ44NPBF	TO-220AB	N	55	49A	.....	.99	.89	.79
1562363	IRFP450PBF	TO-247AC	N	500	14A	.....	2.15	2.05	1.85
1951334	IRF530NS	D2-PAK	N	100	17A	.....	.49	.35	.25
1560051	IRF540NPBF	TO-220AB	N	100	33A	.....	1.75	1.45	1.29
1563690	IRLML5203TRPBF	Micro-3	P	-30	-3A	.....	.....	.15	.12
1559965	IRF5305PBF	TO-220AB	P	-55	-31A	.....	1.05	.95	.85
1563729	IRLML6402TRPBF	Micro-3	P	-20	-3.7A	.....	.....	.15	.12
1561619	IRF9640PBF	TO-220AB	P	-400	-11A	.....	1.15	.95	.85

Blue Part No. = Limited Quantity Available

Zener Diodes

* Web Code: LAF

Part No.	*Mfr.	Product No.	Pkg.	V _{Znom}	Pwr Dissipation	* Order in multiples of 10		
						1	10	100
36290	+	1N751A	DO-35	5.1V	0.5W	.....	\$0.35	\$0.29
178773	VSH	1N4732A	DO-41	4.7V	1W	.....	.045	.039
36097	+	1N4733A*	DO-41	5.1V	1W	.....	.045	.039
36118	+	1N4734A	DO-41	5.6V	1W	.....	.045	.039
36126	+	1N4735A	DO-41	6.2V	1W	.....	.045	.039
178837	+	1N4739A	DO-41	9.1V	1W	.....	.045	.039
36169	+	1N4742A*	DO-41	12V	1W	.....	.045	.039
36185	+	1N4744A	DO-41	15V	1W	.....	.045	.039
782911	FSC	1N4748ATR	DO-41	22.0V	1W	.....	.035	.025
782962	FSC	1N4752ATR	DO-41	33.0V	1W	.....	.035	.025
743488	FSC	1N5226B	DO-35	3.3V	0.5W	.....	.029	.025
179047	+	1N5231B	DO-35	5.1V	0.5W	.....	.019	.015
179063	+	1N5234B	DO-35	6.2V	0.5W	.....	.025	.015
179135	+	1N5250B	DO-35	20V	0.5W	.....	.022	.019
804818	ON	1N5352BG	Surmetic-40	15.0V	5W	.....	.25	.22
804914	ON	1N5359BG	Surmetic-40	24.0V	5W	.....	.25	.19
1308322	ON	1SM5918BT3G	SMB	5.1V	3W	.....	.12	.09

*10 pcs. in Diode/Rectifier cabinet kit, pg 23

Diodes

* Web Code: PAK

Part No.	*Mfr.	Product No.	Pkg.	Description	* Order in multiples of 10			
					1	10	100	
1559164	INR	HFA08TB60PBF	TO-220AC	600VBR, 8A (Ultrafast)	.....	\$0.69	\$0.59	\$0.55
915323	NXP	BAS40-04T/R	SOT-23	40V _R , 120mA (Schottky)	.....	.035	.025	
915972	NXP	BAV99ST/R	SOT-363	85V _{RRM} , 0.5A (Switching)	.....	.07	.05	
35941	+	1N270*	DO-7	80PRV (Germanium)	.....	.99	.89	.79
1538865	DDI	B340A-13F	SMA	40V _{RRM} , 3A (Schottky)	.....	.25	.19	.15
313402	+	MMBD914	SOT-23	100V _{RRM} , 0.2A (Switching)	.....	.019	.015	
312101	+	MBR1100	DO-41	100PRV, 1.0A (Schottky)	.....	.25	.22	.19
1556650	AVT	HSMS-2802-BLKG	SOT-23	RF schottky barrier series, 70V	.....	.49	.39	.35
1556879	AVT	HSMS-2825-BLKG	SOT-143	RF schottky barrier series, 15V	.....	.49	.39	.35
1585240	AVT	HSMS-2860-BLKG	SOT-23	Forward voltage 350mV	.....	.69	.55	.45
787940	FSC	RURP3020	TO-220AC	200V _{RRM} , 30A (Ultrafast)	.....	1.55	1.35	1.29
36038	+	1N4148**	DO-35	75PRV, 0.01A (Switching)	.....	.....	.012	.009
151247	+	1N4148T	DO-35	75PRV, 0.01A (tape/reel)	.....	.....	.012	.009
179215	VSH	1N4148	DO-35	100PRV (Switching)	.....	.....	.015	.012
743656	ST	1N5711	DO-35	70V _{RRM} , 15mA (Schottky)	.....	.25	.19	.15
743710	ST	1N6263	DO-35	60V _{RRM} , 50mA (Schottky)	.....	.....	.15	.09
1558946	INR	80SQ045	DO-204	40V _{RRM} , 80A (Schottky)	.....	.59	.49	.45
1547999	AVT	5082-3081		Glass axial Pin diode for RF switch & atten	.....	2.49	2.25	1.95

*10 pcs./**100 pcs. in Diode/Rectifier cabinet kit, pg 23

Small Signal Diodes

* Web Code: JDQ

Part No.	*Mfr.	Product No.	Pkg.	Description	Order in multiples of 10			
					10	100	1000	
655613	+	BAY73	DO-35	125V _{RRM} , 0.5A	.....	\$0.02	\$0.01	\$0.009
36311	+	1N914**	DO-35	75PRV, 0.01A	.....	.022	.019	.015
179207	VSH	1N914	DO-35	100PRV	.....	.025	.022	.02
655269	+	1N914A	DO-35	100V _{RRM} , 0.2A	.....	.04	.03	.02
655285	+	1N916	DO-35	100V _{RRM} , 0.2A	.....	.015	.01	.007

**100 pcs. in Diode/Rectifier cabinet kit, pg 23

Transient Voltage Suppressors

* Web Code: QBQ

Part No.	Product No.	Watt	Pkg.	Min. Brkdown Volt. (V _{BR})	Stand-Off Voltage	* Order in multiples of 10		
						1	10	100
255847	P6KE24CA	600	DO-15	22.8	20.5	.....	\$1.12	\$0.99
255775	P6KE33CA	600	DO-15	31.4	28.2	.....	.15	.12
255741	P6KE39CA	600	DO-15	37.1	33.3	.....	.12	.09
255951	P6K150CA	600	DO-15	143.0	128	.....	.12	.09
255839	P6K250CA	600	DO-15	237.0	214	.....	.15	.12
313234	SMCJ10CA	1500	DO-214AB	11.1	10	.....	.29	.25
313082	SMCJ58CA	1500	DO-214AB	64.4	58	.....	.29	.25
618118	1N5908	1500	DO-41	6.0	—	.....	.25	.19

Triacs

* Web Code: PAE

Part No.	*Mfr.	Product No.	Pkg.	Rating	* Order in multiples of 10			
					1	10	100	
160098	+	HT-32	DO-35	27.37 V _{BO} , 2A	.....	\$0.25	\$0.22	\$0.19
31819	+	SC146B	TO-220	200 V _{DRM} , 10A (2N6342)	.....	1.49	1.35	1.19
31827	+	SC146M	TO-220	600 V _{DRM} , 10A (2N6344)	.....	1.95	1.75	1.49
1165690	BNS	TIC201M	TO-220	600 V _{DRM} , 2.5A	.....	.49	.39	.25
160207	TEC	Q4008L4	TO-220AB	400 V _{DRM} , 8A	.....	1.19	1.09	.89
220492	TEC	Q4008R4	TO-220AB	400 V _{DRM} , 8A	.....	.89	.79	.69
139336	TEC	Q4015L5	TO-220AB	400 V _{DRM} , 15A	.....	1.29	1.19	1.09
160143	TEC	Q4025L6	TO-220AB	400 V _{DRM} , 25A	.....	2.25	2.05	1.85
160215	TEC	Q6008L5	TO-220AB	600 V _{DRM} , 8A	.....	1.09	.99	.89
160231	TEC	Q6015L5	TO-220AB	600 V _{DRM} , 15A	.....	1.75	1.49	1.35
220505	TEC	Q6025R6	TO-220AB	600 V _{DRM} , 25A	.....	1.75	1.55	1.35
220521	TEC	Q6035P5	TO-3	600 V _{DRM} , 35A	.....	7.95	6.95	5.95
140425	+	2N6071A	TO-225AA	200 V _{DRM} , 4A	.....	.39	.35	.29

SanRex® Fast-On & Thru-Hole Pkg. Triacs

* Web Code: PCH

Part No.	Mfr. Part No.†	Pkg.	Rating (X _{DRM} , I _{T(RMS)})	* Order in multiples of 10			
				1	10	100	
658216	TG35E60	Fast-On	Isolated 35A, 600V	.....	\$8.95	\$7.95	\$6.95
658275	TG35F60	Fast-On	Isolated 35A, 600V	.....	8.95	7.95	6.95
657088	TMG10C80	TO-220AB	Non-isolated 10A, 800V	.....	.59	.49	.39
657117	TMG16C60	TO-220AB	Non-isolated 16A, 600V	.....	.59	.49	.39
657192	TMG8C60F	TO-220F	Isolated 8A, 600V	.....	1.09	.99	.89

† For cross references to Littelfuse, ST, and ON Semi products, refer to datasheets @ Jameco.com.

Rectifiers

* Web Code: LBD

Part No.	*Mfr.	Product No.	Pkg.	Rating	* Order in multiples of 10			
					1	10	100	
177754	TAT	T6A05L	T6L	50 PIV, 6A	.....	\$0.39	\$0.35	\$0.29
177762	TAT	T6A10L	T6L	100 PIV, 6A	.....	.49	.45	.39
177818	TAT	T6A100L	T6L	1000 PIV, 6A	.....	.69	.59	.49
618062	+	40CPQ060	TO-247AC	60 V _{RRM} , 40A (Schottky)	.....	1.75	1.49	1.25
865864	ON	MBR5130LT3	SMB	30 @ 1A	.....	.....	.12	.09
879991	ON	MURS140T3	SMB	400 @ 1A (Ultrafast)	.....	.....	.12	.09
801617	ON	MR856G	Case-267	600 @ 3A	.....	.....	.12	.10
35924	+	1N1188	DO-5	400 PRV, 35A	.....	4.25	3.75	3.35
618100	+	MBR745	TO-220	35V _{RRM} , 7.5A	.....	.35	.29	.25
802193	ON	MUR1640CTG	TO-220AB/3	400 PIV, 16A	.....	1.25	1.15	1.05
790647	ON	MBR1645G	TO-220AC/2	45 PIV, 16A	.....	.89	.69	.59
886657	ON	MBR20100CTG	TO-220AB/3	100 @ 20A	.....	.89	.79	.69
618097	+	MBR2535CT	TO-220	35 V _{RRM} , 30A	.....	.39	.35	.25
35975	+	1N4001*	DO-41	50 PRV, 1A	.....	.....	.025	.019
1537862	DDI	1N4001G-T	DO-41	50V _{RRM} , 1A	.....	.....	.055	.05
76961	+	1N4002	DO-41	100 PRV, 1A	.....	.....	.025	.019
76962	+	1N4002	DO-41	100 PRV, 1A	.....	.....	.029	.025
1537889	DDI	1N4002-T	DO-41	100 V _{RRM} , 1A	.....	.....	.025	.015
76970	+	1N4003	DO-41	200 PRV, 1A	.....	.....	.025	.019
35991	+	1N4004**	DO-41	400 PRV, 1A	.....	.....	.025	.019
879094	ON	MRA4004T3	SMA	400 @ 1A	.....	.....	.09	.05
76988	+	1N4005	DO-41	600 PRV, 1A	.....	.....	.025	.019
76996	+	1N4006	DO-41	800 PRV, 1A	.....	.....	.025	.019
36011	+	1N4007*	DO-41	1000 PRV, 1A	.....	.....	.025	.019
36012	+	1N4007	DO-41	1000 PRV, 1A	.....	.....	.029	.025
1537951								