

Semiconductors

Hexfet Power MOSFETs * Web Code: HDU

Part No.	Mfr. Part No.	Pkg.	Channel	BV _{DS}	Min. On-St.	* Order in multiples of 10		
						DS Current	1	10
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	IRLM5203TRPBF	Micro-3	P	-30	-3A	*	.15	.12
1559965	IRF5305PBF	TO-220AB	P	-55	-31A	1.05	.95	.85
1561619	IRF9640PBF	TO-220AB	P	-400	-11A	1.15	.95	.85

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	*	\$.05	\$.03
178773	VSH	1N4732A	DO-41	4.7V	1W	*	.05	.04
36097	◆	1N4733A*	DO-41	5.1V	1W	*	.05	.04
36118	◆	1N4734A	DO-41	5.6V	1W	*	.05	.04
36126	◆	1N4735A	DO-41	6.2V	1W	*	.05	.04
178837	◆	1N4739A	DO-41	9.1V	1W	*	.05	.04
36169	◆	1N4742A*	DO-41	12V	1W	*	.05	.04
36185	◆	1N4744A	DO-41	15V	1W	*	.05	.04
782911	FSC	1N4748ATR	DO-41	22.0V	1W	*	.05	.03
782962	FSC	1N4752ATR	DO-41	33.0V	1W	*	.05	.03
743488	FSC	1N5226B	DO-35	3.3V	0.5W	*	.05	.03
179039	◆	1N5230B	DO-35	4.7V	0.5W	*	.05	.02
179047	◆	1N5231B	DO-35	5.1V	0.5W	*	.05	.02
743541	MOT	1N5237B	DO-35	8.2V	0.5W	*	.05	.04
179063	◆	1N5234B	DO-35	6.2V	0.5W	*	.05	.02
179135	◆	1N5250B	DO-35	20V	0.5W	*	.05	.02
804818	ON	1N5352BG	Surmetic-40	15.0V	5W	.25	.22	.19
804914	ON	1N5359BG	Surmetic-40	24.0V	5W	.25	.22	.19

* 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)	\$.69	\$.59	\$.55
915323	NXP	BAS40-04T/R	SOT-23	40V _R , 120mA (Schottky)	*	.05	.03
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)	*	.05	.02
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	RURP3020G	TO-220AC	200V _{RRM} , 30A (Ultrafast)	1.55	1.35	1.29
36038	◆	1N4148**	DO-35	75PRV, 0.01A (Switching)	*	.05	.01
151247	◆	1N4148T	DO-35	75PRV, 0.01A (tape/reel)	*	.05	.01
179215	VSH	1N4148	DO-35	100PRV (Switching)	*	.05	.01
743656	ST	1N5711	DO-35	70V _{RRM} , 15mA (Schottky)	.25	.19	.15
743710	ST	1N6263R	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 swtch & 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	125VRRM, 0.5A	\$.02	\$.01	\$.009
36311	◆	1N914**	DO-35	75PRV, 0.01A	.05	.02	.015
179207	VSH	1N914	DO-35	100PRV	.05	.02	.015
655269	◆	1N914A	DO-35	100VRRM, 0.2A	.04	.03	.02
655285	◆	1N916	DO-35	100VRRM, 0.2A	.05	.01	.007

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

Transient Voltage Suppressors * Web Code: QBQ

Part No.	Product No.	Watt	Pkg.	Min. Brkdw Volt. (VBR)	Stand-Off Voltage	* Order in multiples of 10		
						1	10	100
255847	P6KE24CA	600	DO-15	22.8	20.5	*	\$.12	\$.09
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	.22
313082	SMCJ58CA	1500	DO-214AB	64.4	58	.29	.25	.22
618118	1N5908	1500	DO-41	6.0	—	.25	.19	.15

Triacs * Web Code: PAE

Part No.	*Mfr.	Product No.	Pkg.	Rating	1			10			100		
					1	10	100	1	10	100	1	10	100
160098	◆	HT-32	DO-35	27.37 V _{BO} , 2A	\$.25	\$.22	\$.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 (V _{DRM} , I _{T(RMS)})	1			10			100		
				1	10	100	1	10	100	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.

◆ Blue Part No. = Limited Quantity Available

Rectifiers * Web Code: LBD

Part No.	*Mfr.	Product No.	Pkg.	Rating	* Order in multiples of 10			
					1	10	100	1000
177754	TAT	T6A05L	T6L	50 PIV, 6A	\$.39	\$.35	\$.29	\$.25
177762	TAT	T6A10L	T6L	100 PIV, 6A	.49	.45	.39	.35
177818	TAT	T6A100L	T6L	1000 PIV, 6A	.69	.59	.49	.45
618062	◆	40CPQ060	TO-247AC	60 V _{RRM} , 40A (Schottky)	1.75	1.49	1.25	1.15
865864	ON	MURS130LT3	SMB	30 @ 1A	*	.12	.09	.07
879991	ON	MURS140T3	SMB	40 @ 1A (Ultrafast)	*	.12	.09	.07
1645097	GI	1N645-1	DO-35	225 PRV, 15A	1.49	1.25	.99	.89
801617	ON	MR856G	Case-267	600 @ 3A	*	.12	.10	.08
35924	◆	1N1188	DO-5	400 PRV, 35A	4.25	3.75	3.35	3.15
618100	◆	MBR745	TO-220	35VRRM, 7.5A	.35	.29	.25	.22
802193	ON	MUR1640CTG	TO-220AB/3	400 PIV, 16A	1.25	1.15	1.05	.95
790647	ON	MBR1645G	TO-220AC/2	45 PIV, 16A	.89	.69	.59	.55
886657	ON	MBR20100CTG	TO-220AB/3	100 @ 20A	.89	.79	.69	.65
618097	◆	MBR2535CT	TO-220	35 VRPM, 30A	.39	.35	.25	.22
35975	◆	1N4001*	DO-41	50 PRV, 1A	*	.05	.02	.015
1537862	DDI	1N4001G-T	DO-41	50VRRM, 1A	*	.05	.04	.035
76961	◆	1N4002	DO-41	100 PRV, 1A	*	.05	.02	.015
76962	◆	1N4002R	DO-41	100 PRV, 1A	*	.05	.02	.015
1537889	DDI	1N4002-T	DO-41	100 VRRM, 1A	*	.05	.02	.015
76970	◆	1N4003	DO-41	200 PRV, 1A	*	.05	.02	.015
35991	◆	1N4004**	DO-41	400 PRV, 1A	*	.05	.02	.015
879094	ON	MRA4004T3	SMA	400 @ 1A	*	.09	.05	.045
76988	◆	1N4005	DO-41	600 PRV, 1A	*	.05	.02	.015
76996	◆	1N4006	DO-41	800 PRV, 1A	*	.05	.02	.015
36011	◆	1N4007*	DO-41	1000 PRV, 1A	*	.05	.02	.015