



ULTRAFAST RECOVERY RECTIFIERS									
I _{F(AV)} (A)	DEVICE (1)	SOURCE (5)	PACKAGE		V _{BR} RANGE (V)	MAXIMUM V _F AT I _F		t _{rr} (ns)	PAGE
			FAMILY	TYPE		(V)	(A)		
0.5	BYM07-50 thru BYM07-400	G	SUPERRECTIFIER® SMD	DO-213AA (MiniMELF)	50 to 400	1.25/1.35	0.5	50	628
	EGL34A thru EGL34G	G	SUPERRECTIFIER® SMD	DO-213AA (MiniMELF)	50 to 400	1.25/1.35	0.5	50	628
0.6	UG06A thru UG06D	G	Plastic Axial (2)	MPG06	50 to 200	0.95	0.6	15	631
1.0	BYM12-50 thru BYM12-400	G	SUPERRECTIFIER® SMD	DO-213AB (MELF)	50 to 400	1.00/1.25	1.0	50	634
	EGL41A thru EGL41G	G	SUPERRECTIFIER® SMD	DO-213AB (MELF)	50 to 400	1.00/1.25	1.0	50	634
	BYV26DGP & BYV26EGP	G	SUPERRECTIFIER® Axial	DO-204AC (DO-15)	800 to 1000	2.50	1.0	75	637
	EGF1A thru EGF1D	G	SUPERRECTIFIER® SMD	DO-214BA (GF1)	50 to 200	1.00	1.0	50	641
	EGF1T	G	SUPERRECTIFIER® SMD	DO-214BA (GF1)	1300	3.00	1.0	75	644
	EGP10A thru EGP10G	G	SUPERRECTIFIER® Axial	DO-204AL (DO-41)	50 to 400	0.95/1.25	1.0	50	647
	ES1A thru ES1D	G	Plastic SMD (2)	DO-214AC (SMA)	50 to 200	0.92	1.0	15	650
	ES1PB, ES1PC & ES1PD	G	Plastic SMD (2)	DO-220AA (SMP)	50 to 200	0.865/0.92	0.6/1.0	15	653
	ESH1B, ESH1C & ESH1D	G	Plastic SMD (2)	DO-214AC (SMA)	100 to 200	0.87/0.90	0.7/1.0	25	656
	FGP10B thru FGP10D	G	SUPERRECTIFIER® Axial	DO-204AL (DO-41)	100 to 200	0.95	1.0	35	659
	ESH1PB, ESH1PC & ESH1PD	G	Plastic SMD (2)	DO-220AA (SMP)	100 to 200	0.86/0.90	0.7/1.0	25	662
	MUR120	G	Plastic Axial (2)	DO-204AC (DO-15)	200	0.88	1.0	25	665
	MUR140 & MUR160	G	Plastic Axial (2)	DO-204AC (DO-15)	400 to 600	1.25	1.0	50	668
	MURS120	G	Plastic SMD (2)	DO-214AA (SMB)	200	0.88	1.0	25	671
	MURS140 & MURS160	G	Plastic SMD (2)	DO-214AA (SMB)	400 to 600	1.25	1.0	50	674
	SBYV26C	G	SUPERRECTIFIER® Axial	DO-204AL (DO-41)	600	2.50	1.0	30	677
	U1B, U1C & U1D	G	Plastic SMD (4)	DO-214AC (SMA)	100 to 200	0.92	1.0	15	681
	UF4001 thru UF4007	G	Plastic Axial (2)	DO-204AL (DO-41)	50 to 1000	1.00/1.70	1.0	50/75	684
	UG1A thru UG1D	G	Plastic Axial (2)	DO-204AL (DO-41)	50 to 200	0.95	1.0	15	688
	US1A thru US1M	G	Plastic SMD (2)	DO-214AC (SMA)	50 to 1000	1.00/1.70	1.0	50/75	691
1.5	BYG20D thru BYG20J	G	Plastic SMD (2)	DO-214AC (SMA)	200 to 600	1.30	1.0	75	695
	BYG23M	G	Plastic SMD (2)	DO-214AC (SMA)	1000	1.70	1.0	75	699
	SUF15G & SUF15J	G	Plastic Axial (2)	GP20	400 & 600	1.80	1.5	35	702
2.0	BYG22A thru BYG22D	G	Plastic SMD (2)	DO-214AC (SMA)	50 to 200	1.10	2.0	25	705
	EGP20A thru EGP20G	G	SUPERRECTIFIER® Axial	DO-204AC (DO-15)	50 to 400	0.95/1.25	2.0	50	709
	ES2A thru ES2D	G	Plastic SMD (2)	DO-214AA (SMB)	50 to 200	0.90	2.0	20	713
	ES2F & ES2G	G	Plastic SMD (2)	DO-214AA (SMB)	300 to 400	1.10	2.0	35	716
	ESH2B, ESH2C & ESH2D	G	Plastic SMD (2)	DO-214AA (SMB)	100 to 200	0.93	2.0	25	719
	ESH2PB, ESH2PC & ESH2PD	G	Plastic SMD (2)	DO-220AA (SMP)	100 to 200	0.98	2.0	25	722
	MURS240 & MURS260	G	Plastic SMD (2)	DO-214AA (SMB)	400 to 600	1.45	2.0	50	725
	USB260	G	Plastic SMD (2)	DO-214AA (SMB)	600	1.60	2.0	30	728
	FGP20B thru FGP20D	G	SUPERRECTIFIER® Axial	DO-204AC (DO-15)	100 to 200	0.95	2.0	35	732
	SBYV27-50 thru SBYV27-200	G	Plastic Axial (2)	DO-204AC (DO-15)	50 to 200	1.07	3.0	15	735
	UG2A thru UG2D	G	Plastic Axial (2)	DO-204AC (DO-15)	50 to 200	0.95	2.0	15	738
	UG2F & UG2G	G	Plastic Axial (2)	DO-204AC (DO-15)	300 to 400	1.10	2.0	35	741
3.0	31GF4	G	Plastic Axial (2)	DO-201AD	400	1.25	3.0	30	744
	31GF6	G	Plastic Axial (2)	DO-201AD	600	1.60	3.0	30	747
	EGP30A thru EGP30G	G	SUPERRECTIFIER® Axial	GP20	50 to 400	0.95/1.25	3.0	50	750
	ES3A thru ES3D	G	Plastic SMD (2)	DO-214AB (SMC)	50 to 200	0.90	3.0	20	753
	ES3F & ES3G	G	Plastic SMD (2)	DO-214AB (SMC)	300 to 400	1.10	3.0	35	756
	ESH3B, ESH3C & ESH3D	G	Plastic SMD (2)	DO-214AB (SMC)	100 to 200	0.90	3.0	25	760
	FGP30B thru FGP30D	G	SUPERRECTIFIER® Axial	DO-204AC (DO-15)	100 to 200	0.95	3.0	35	763
	MURS320	G	Plastic SMD (2)	DO-214AB (SMC)	200	0.88	3.0	25	766
	MURS340 & MURS360	G	Plastic SMD (2)	DO-214AB (SMC)	400 & 600	1.25/1.28	3.0/4.0	50	769
	SUF30G & SUF30J	G	Plastic Axial (2)	P600	400 & 600	1.80/2.00	3.0	35	772
UF5400 thru UF5408	G	Plastic Axial (2)	DO-201AD	50 to 1000	1.00/1.70	3.0	50/75	775	
3.5	SBYV28-50 thru SBYV28-200	G	Plastic Axial (2)	DO-201AD	50 to 200	1.10	3.5	20	778
4.0	MUR420	G	Plastic Axial (2)	DO-201AD	200	0.89	4.0	25	781



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4.0 cont'd	MUR440 & MUR460	G	Plastic Axial (2)	DO-201AD	400 to 600	1.28	4.0	50	784
	UH4PBC, UH4PCC & UH4PDC	G	Plastic SMD (3)(4)	TO-277A (SMPC)	100 to 200	1.05	2.0	25	787
	UG4A thru UG4D	G	Plastic Axial (2)	DO-201AD	50 to 200	0.95	4.0	20	791
5.0	EGP50A thru EGP50G	G	SUPERRECTIFIER® Axial	GP20	50 to 400	0.95/1.25	5.0	50	794
	FGP50B thru FGP50D	G	SUPERRECTIFIER® Axial	GP20	100 to 200	0.95	5.0	35	797
	GUR5H60	G	Plastic PowerPAK (2)	TO-220AC	600	1.80	5.0	30	800
	GURB5H60	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	600	1.80	5.0	30	800
	GURF5H60	G	Isolated PowerPAK (2)	ITO-220AC	600	1.80	5.0	30	800
	UG5HT & UG5JT	G	Plastic PowerPAK (2)	TO-220AC	500 to 600	1.75	5.0	25	804
	UGB5HT & UGB5JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	500 to 600	1.75	5.0	25	804
	UGF5HT & UGF5JT	G	Isolated PowerPAK (2)	ITO-220AC	500 to 600	1.75	5.0	25	804
	UH5JT	G	Plastic PowerPAK (4)	TO-220AC	600	3.00	5.0	25	808
	UHF5JT	G	Plastic PowerPAK (4)	ITO-220AC	600	3.00	5.0	25	808
6.0	FEP6AT thru FEP6DT	G	Plastic PowerPAK (2)(3)	TO-220AB	50 to 200	0.98	3.0	35	811
	FEPB6AT thru FEPB6DT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	50 to 200	0.98	3.0	35	811
	FEPF6AT thru FEPF6DT	G	Isolated PowerPAK (2)(3)	ITO-220AB	50 to 200	0.98	3.0	35	811
	UH6PJ	G	Plastic SMD (4)	TO-277A (SMPC)	600	3.00	6.0	25	815
8.0	BYV29-300 & BYV29-400	G	Plastic PowerPAK (2)	TO-220AC	300 to 400	1.25	8.0	35	819
	BYV29B-300 & BYV29B-400	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	300 to 400	1.25	8.0	35	819
	BYV29F-300 & BYV29F-400	G	Isolated PowerPAK (2)	ITO-220AC	300 to 400	1.25	8.0	35	819
	BYW29-50 thru BYW29-200	G	Plastic PowerPAK (2)	TO-220AC	50 to 200	1.30	20	25	823
	BYWB29-50 thru BYWB29-200	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	50 to 200	1.30	20	25	823
	BYWF29-50 thru BYWF29-200	G	Isolated PowerPAK (2)	ITO-220AC	50 to 200	1.30	20	25	823
	FES8AT thru FES8JT	G	Plastic PowerPAK (2)	TO-220AC	50 to 600	0.95/1.30/1.50	8.0	35/50	827
	FESB8AT thru FESB8JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	50 to 600	0.95/1.30/1.50	8.0	35/50	827
	FESF8AT thru FESF8JT	G	Isolated PowerPAK (2)	ITO-220AC	50 to 600	0.95/1.30/1.50	8.0	35/50	827
	U8BT thru U8DT	G	Plastic PowerPAK (4)	TO-220AC	100 to 200	1.02	8.0	20	831
	UF8BT thru UF8DT	G	Isolated PowerPAK (4)	ITO-220AC	100 to 200	1.02	8.0	20	831
	UB8BT thru UB8DT	G	PowerPAK SMD (4)	TO-263AB (D ² PAK)	100 to 200	1.02	8.0	20	831
	GI1401 thru GI1404	G	Plastic PowerPAK (2)	TO-220AC	50 to 200	0.98	8.0	35	835
	GIB1401 thru GIB1404	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	50 to 200	0.98	8.0	35	838
	UG8AT thru UG8DT	G	Plastic PowerPAK (2)	TO-220AC	50 to 200	1.00	8.0	20	841
	UGB8AT thru UGB8DT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	50 to 200	1.00	8.0	20	841
	UGF8AT thru UGF8DT	G	Isolated PowerPAK (2)	ITO-220AC	50 to 200	1.00	8.0	20	841
	UG8FT & UG8GT	G	Plastic PowerPAK (2)	TO-220AC	300 to 400	1.25	8.0	35	819
	UGB8FT & UGB8GT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	300 to 400	1.25	8.0	35	819
	UGF8FT & UGF8GT	G	Isolated PowerPAK (2)	ITO-220AC	300 to 400	1.25	8.0	35	819
	UG8HT & UG8JT	G	Plastic PowerPAK (2)	TO-220AC	500 to 600	1.75	8.0	25	845
	UGB8HT & UGB8JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	500 to 600	1.75	8.0	25	845
	UGF8HT & UGF8JT	G	Isolated PowerPAK (2)	ITO-220AC	500 to 600	1.75	8.0	25	845
	UG8HCT & UG8JCT	G	Plastic PowerPAK (2)(3)	TO-220AB	500 to 600	1.75	4.0	25	849
	UGB8HCT & UGB8JCT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	500 to 600	1.75	4.0	25	849
	UGF8HCT & UGF8JCT	G	Isolated PowerPAK (2)(3)	ITO-220AB	500 to 600	1.75	4.0	25	849
UH8JT	G	Plastic PowerPAK (4)	TO-220AC	600	3.00	8.0	25	853	
UHF8JT	G	Isolated PowerPAK (4)	ITO-220AC	600	3.00	8.0	25	853	
10	BYQ28E-100 thru BYQ28E-200	G	PowerPAK SMD (2)(3)	TO-220AB	100 to 200	1.10	5.0	20	857
	BYQ28EB-100 thru BYQ28EB-200	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	100 to 200	1.10	5.0	20	857
	BYQ28EF-100 thru BYQ28EF-200	G	Isolated PowerPAK (2)(3)	ITO-220AB	100 to 200	1.10	5.0	20	857
	BYT28-300 & BYT28-400	G	Plastic PowerPAK (2)(3)	TO-220AB	300 to 400	1.30	5.0	35	861
	BYT28B-300 & BYT28B-400	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	300 to 400	1.30	5.0	35	861
BYT28F-300 & BYT28F-400	G	Isolated PowerPAK (2)(3)	ITO-220AB	300 to 400	1.30	5.0	35	861	



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10 cont'd	UG10BCT thru UG10DCT	G	Plastic PowerPAK (2)(3)	TO-220AB	100 to 200	1.10	5.0	20	857
	UGB10BCT thru UGB10DCT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	100 to 200	1.10	5.0	20	857
	UGF10BCT thru UGF10DCT	G	Isolated PowerPAK (2)(3)	ITO-220AB	100 to 200	1.10	5.0	20	857
	UG10FCT & UG10GCT	G	Plastic PowerPAK (2)(3)	TO-220AB	300 to 400	1.30	5.0	35	861
	UGB10FCT & UGB10GCT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	300 to 400	1.30	5.0	35	861
	UGF10FCT & UGF10GCT	G	Isolated PowerPAK (2)(3)	ITO-220AB	300 to 400	1.30	5.0	35	861
	UH10JT	G	Plastic PowerPAK (4)	TO-220AC	600	3.00	10	25	865
	UHF10JT	G	Isolated PowerPAK (4)	ITO-220AC	600	3.00	10	25	865
	UH10FT	G	Plastic PowerPAK (4)	TO-220AC	300	1.20	10	25	869
	UHB10FT	G	PowerPAK SMD (4)	TO-263AB (D ² PAK)	300	1.20	10	25	869
	U10BCT thru U10DCT	G	Plastic PowerPAK (3)(4)	TO-220AB	100 to 200	1.10	5.0	20	873
	UF10BCT thru UF10DCT	G	Isolated PowerPAK (3)(4)	ITO-220AB	100 to 200	1.10	5.0	20	873
UB10BCT thru UB10DCT	G	PowerPAK SMD (3)(4)	TO-263AB (D ² PAK)	100 to 200	1.10	5.0	20	873	
12	UG12HT & UG12JT	G	Plastic PowerPAK (2)	TO-220AC	500 to 600	1.75	12	30	877
	UGB12HT & UGB12JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	500 to 600	1.75	12	30	877
	UGF12HT & UGF12JT	G	Isolated PowerPAK (2)	ITO-220AC	500 to 600	1.75	12	30	877
15	UG15HT & UG15JT	G	Plastic PowerPAK (2)	TO-220AC	500 to 600	1.75	15	35	881
	UGB15HT & UGB15JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	500 to 600	1.75	15	35	881
	UGF15HT & UGF15JT	G	Isolated PowerPAK (2)	ITO-220AC	500 to 600	1.75	15	35	881
16	FEP16AT thru FEP16JT	G	Plastic PowerPAK (2)(3)	TO-220AB	50 to 600	0.95/1.30/1.50	8.0	35/50	885
	FEPB16AT thru FEPB16JT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	50 to 600	0.95/1.30/1.50	8.0	35/50	885
	FEPF16AT thru FEPF16JT	G	Isolated PowerPAK (2)(3)	ITO-220AB	50 to 600	0.95/1.30/1.50	8.0	35/50	885
	FES16AT thru FES16JT	G	Plastic PowerPAK (2)	TO-220AC	50 to 600	0.98/1.30/1.50	16	35/50	889
	FESB16AT thru FESB16JT	G	PowerPAK SMD (2)	TO-263AB (D ² PAK)	50 to 600	0.98/1.30/1.50	16	35/50	889
	FESF16AT thru FESF16JT	G	Isolated PowerPAK (2)	ITO-220AC	50 to 600	0.98/1.30/1.50	16	35/50	889
	GI2401 thru GI2404	G	Plastic PowerPAK (2)(3)	TO-220AB	50 to 200	0.98	8.0	35	893
	GIB2401 thru GIB2404	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	50 to 200	0.98	8.0	35	896
	U16BCT thru U16DCT	G	Plastic PowerPAK (3)(4)	TO-220AB	100 to 200	1.10	8.0	35	899
	UB16BCT thru UB16DCT	G	PowerPAK SMD (3)(4)	TO-263AB (D ² PAK)	100 to 200	1.10	8.0	35	899
18	BYV32-50 thru BYV32-200	G	Plastic PowerPAK (2)(3)	TO-220AB	50 to 200	1.15	20	25	903
	BYVB32-50 thru BYVB32-200	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	50 to 200	1.15	20	25	903
	BYVF32-50 thru BYVF32-200	G	Isolated PowerPAK (2)(3)	ITO-220AB	50 to 200	1.15	20	25	903
	UG18ACT thru UG18DCT	G	Plastic PowerPAK (2)(3)	TO-220AB	50 to 200	1.10	9.0	20	907
	UGB18ACT thru UGB18DCT	G	PowerPAK SMD (2)(3)	TO-263AB (D ² PAK)	50 to 200	1.10	9.0	20	907
	UGF18ACT thru UGF18DCT	G	Isolated PowerPAK (2)(3)	ITO-220AB	50 to 200	1.10	9.0	20	907
20	U20BCT thru U20DCT	G	Plastic PowerPAK (3)(4)	TO-220AB	100 to 200	1.00	10	35	911
	UB20BCT thru UB20DCT	G	PowerPAK SMD (3)(4)	TO-263AB (D ² PAK)	100 to 200	1.00	10	35	911
	UH20FCT	G	Plastic PowerPAK (3)(4)	TO-220AB	300	1.20	10	25	915
	UHB20FCT	G	PowerPAK SMD (3)(4)	TO-263AB (D ² PAK)	300	1.20	10	25	915
	UHF20FCT	G	Isolated PowerPAK (3)(4)	ITO-220AB	300	1.20	10	25	919
30	FEP30AP thru FEP30JP	G	Plastic PowerPAK (2)(3)	TO-247AD	50 to 600	0.95/1.30/1.50	15	35/50	922
	U30BCT thru U30DCT	G	Plastic PowerPAK (3)(4)	TO-220AB	100 to 200	1.05	15	25	925
	UB30BCT thru UB30DCT	G	PowerPAK SMD (3)(4)	TO-263AB (D ² PAK)	100 to 200	1.05	15	25	925
	UG30APT thru UG30DPT	G	Plastic PowerPAK (2)(3)	TO-247AD	50 to 200	1.00	15	25	929

Notes:

- (1) Bold text = new products
- (2) Glass passivated die
- (3) Dual center-tapped device (V_F limit at I_F is per diode)
- (4) Oxide planar die
- (5) Source: G = formerly General Semiconductor