



Zener Diodes (Cont.)



Zener Volt. VR (V)	IR (µA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel\$	
			1	10	100	Qty.	Pricing
43	0.045	MM3Z43VCCT-ND	.13	.99	7.15	3,000	25.85/M
47	0.045	MM3Z47VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z47VCCT-ND	.13	.99	7.15	3,000	25.85/M
51	0.045	MM3Z51VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z51VCCT-ND	.13	.99	7.15	3,000	25.85/M
56	0.045	MM3Z56VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z56VCCT-ND	.13	.99	7.15	3,000	25.85/M
62	0.045	MM3Z62VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z62VCCT-ND	.13	.99	7.15	3,000	25.85/M
68	0.045	MM3Z68VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z68VCCT-ND	.13	.99	7.15	3,000	25.85/M
75	0.045	MM3Z75VBCT-ND	.14	1.04	7.48	3,000	27.03/M
		MM3Z75VCCT-ND	.13	.99	7.15	3,000	25.85/M
SOT 23							
3.0	5	MMB25V6BCT-ND	.40	7.81	22.00	3,000	90.00/M
TO220F-2							
600	100	FFP08H60STU-ND‡	1.03	21.50/25	68.80	—	—
	100	FFP08S60STU-ND‡	1.16	24.06/25	77.00	—	—
	1	FFP10H60STU-ND‡	.81	16.88/25	54.00	—	—

‡ Bulk § For Tape and Reel part number, change CT-ND to TR-ND

Ultrafast Recovery Power Diodes



Fig. 1, Fig. 2, Fig. 3, Fig. 4, Fig. 5, Fig. 6, Fig. 7, Fig. 8

Fig.	Peak Voltage VR (V)	Current IF (A)	Pkg.	Digi-Key Part No.	1	Price Each	100
1	200	15	TO-220	FFP30UP20DNTU-ND	1.49	1.24	.99
2	600	4	TO-220F-2	FFP04S60STU-ND	.75	.63	.50
	600	15	TO-220F-2	FFP15S60STU-ND	1.27	1.06	.85
	200	15	TO-220F	FFP15UP20STU-ND	.96	.72	.54
	600	30	TO-220F	FFP30U60STU-ND	1.10	.92	.74
3A	200	15	TO-220F	FFP30UP20DNTU-ND	1.14	.95	.76
	600	20	TO-220F	FFP20UP60DNTU-ND	1.20	.90	.68
3B	200	15	TO-220F	FFP30UP20DPTU-ND	1.49	1.24	.99
4	600	4	TO-220-2L	FFP04H60STU-ND	.90	.75	.60
	600	4	TO-220-2	FFP04S60STU-ND	.79	.66	.53
	600	15	TO-220-2	FFP15S60STU-ND	1.28	1.07	.86
	600	30	TO-220-2	FFP30S60STU-ND	1.62	1.30	.97
5	600	15	TO-247-2	FRH15S60STU-ND	1.71	1.37	1.03
	600	30	TO-247-2	FRH30S60STU-ND	2.49	2.00	1.50
6A	200	15	TO-3P	FFA30UP20DNTU-ND	1.73	1.38	1.04
	600	15	TO-3PN	RHRA1560CC-ND	4.41	3.53	2.75
6B	350	40	TO-3P	FFA40UP35STU-ND	1.83	1.46	1.10

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

All prices are in U.S. dollars (www.digikey.com). — Toll-Free: 00801-85-4023

1248 (TW092-10) Fax: (852) 3104 0686 — Taiwan dollar available by credit card at www.digikey.tw.

Fig.	Peak Voltage VR (V)	Current IF (A)	Pkg.	Digi-Key Part No.	1	Price Each	100
7	300	20	D2-PAK	FFB20UP30DNTMCT-ND‡	1.38	1.10	.83
	300	20	D2-PAK	FFB20UP30DNTMTR-ND‡	594.00/800	—	—
8	300	20	D2-PAK	FFB20UP30DNTPTMCT-ND‡	1.40	1.17	.94
	300	20	D2-PAK	FFB20UP30DNTPTMTR-ND‡	523.60/800	—	—
	200	6	D-PAK	FFD06UP20SCT-ND‡	.58	.44	.33
	200	6	D-PAK	FFD06UP20STR-ND‡	468.00/2,500	—	—
8	200	10	D-PAK	FFD10UP20SCT-ND‡	.66	.50	.38
	200	10	D-PAK	FFD10UP20STR-ND‡	536.25/2,500	—	—

‡ Cut Tape § Tape and Reel

Triacs – Silicon Bidirectional Thyristor



Fig. 1, Fig. 2

Fig.	VDRM (V)	IT (A)	Package	Digi-Key Part No.	1	Pricing	10	100
1	400	0.8	TO-92	FKN08PN40S-ND	.39	3.15	21.60	—
	600	0.8	TO-92	FKN08PN60-ND	.39	3.15	21.60	—
	600	1.0	TO-92	FKN1N60SA-ND	.39	3.15	21.60	—
2	800	3.0	TO-220F	FKPF3N80TU-ND	.68	5.10	38.25	—

Transient Voltage Suppressors



VRWM (V)	VBR (V)		IT (mA)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel\$	
	Minimum	Maximum			1	25	100	Qty.	Pricing
SA — DO-15									
16	17.8	19.7	1	SA16CAFSTR-ND	—	—	—	4,000	98.60/M
SMB — DO-214AA									
5	6.4	7.0	10	SMBJ5V0ACT-ND	.36	7.28	19.98	3,000	94.00/M
33	36.7	40.6	1	SMBJ33AFSCT-ND	.43	8.44	23.76	3,000	97.20/M
33	36.7	40.6	1	SMBJ33CAFSC-ND	.43	8.66	23.76	3,000	112.20/M
SMC — DO-214AB									
36	40	44.2	1	SMCJ36CAFSC-ND	.49	9.22	27.65	3,000	159.77/M
85	94.4	104	1	SMCJ85CAFSC-ND	.49	9.22	27.65	3,000	159.77/M
100	111	123	1	SMCJ100AFSC-ND	.52	10.40	31.20	3,000	140.40/M

§ For Tape and Reel part number, change the CT-ND to TR-ND

Bridge Rectifiers



Fig. 1, Fig. 2, Fig. 3, Fig. 4

Fig.	Max. Reverse Voltage (V)	Max. Average Rectified Current (A)	Pkg.	Digi-Key Part No.	Pricing			Tape and Reel\$	
					1	25	100	Qty.	Pricing
1	50	1.5	DIP	DF005M-ND	.49	9.84	27.00	—	—
	100	1.5	DIP	DF01M-ND	.49	9.84	27.00	—	—
	400	1.5	DIP	DF04M-ND	.48	9.71	26.64	—	—
	600	1.5	DIP	DF06M-ND	.50	10.11	27.72	—	—
2	100	1.5	SDIP	DF01SCT-ND†	.49	9.84	27.00	1,500	135.00/M
	100	1.5	SDIP	DF02SCT-ND†	.49	9.84	27.00	1,500	135.00/M
	400	1.5	SDIP	DF04SCT-ND†	.49	9.84	27.00	1,500	135.00/M
	1,000	1.5	SDIP	DF10SCT-ND†	.48	9.60	28.80	1,500	134.40/M
3	400	2.0	KBPM	2KBPM4MFS-ND	.55	10.28	30.83	—	—
	800	2.0	KBPM	3N258-ND	.59	11.03	33.08	—	—
4	200	25	GBPC	GBPC2502-ND	2.05	41.00	123.00	—	—

† Cut Tape § For Tape and Reel part number, change the CT-ND to TR-ND