

Fig.	VDRM (V)	IT(RMS) (A)	IGT (mA)	Package	Insulation	Digi-Key Part No.	Bulk Price Each			Digi-Key Part No.	Tape and Reel		STMICROELECTRONICS Part No.	
							1	10	100		Qty.	Pricing		
6	600	8	10	D2PAK	—	497-6597-1-ND	2.06	1.85	1.47	497-6597-2-ND	1,000	813.57	T810-600G-TR	
	600	8	10	D2PAK	—	497-9013-1-ND	2.44	2.09	1.71	497-9013-2-ND	1,000	1008.82	T810H-6G-TR	
	600	8	35	D2PAK	—	497-8912-5-ND	1.83	1.65	1.33	—	—	—	T835-600G	
	600	8	35	D2PAK	—	497-2507-1-ND	1.89	1.69	1.34	497-2507-2-ND	1,000	742.87	T835-600G-TR	
	600	8	35	D2PAK	Non-Insulated	497-7643-1-ND	1.89	1.69	1.34	497-7643-2-ND	1,000	742.87	T835H-6G-TR	
	600	8	50	D2PAK	Non-Insulated	497-7646-1-ND	1.89	1.69	1.34	497-7646-2-ND	1,000	742.87	T850H-6G-TR	
	600	10	10	D2PAK	—	497-9017-1-ND	2.19	1.88	1.54	497-9017-2-ND	1,000	906.71	T1010H-6G-TR	
	600	10	35	D2PAK	Non-Insulated	497-8056-1-ND	2.14	1.84	1.51	497-8056-2-ND	1,000	888.75	T1035H-6G-TR	
	600	10	50	D2PAK	Non-Insulated	497-8057-1-ND	2.14	1.84	1.51	497-8057-2-ND	1,000	888.75	T1050H-6G-TR	
	600	12	35	D2PAK	—	497-6592-1-ND	1.80	1.61	1.28	497-6592-2-ND	1,000	706.96	T1235-600G-TR	
	600	12	35	D2PAK	Non-Insulated	497-8058-1-ND	2.22	1.91	1.56	497-8058-2-ND	1,000	922.42	T1235H-6G-TR	
	600	12	50	D2PAK	Non-Insulated	497-8059-1-ND	2.39	2.05	1.68	497-8059-2-ND	1,000	990.87	T1250H-6G-TR	
	600	16	35	D2PAK	—	497-6594-1-ND	3.06	2.63	2.15	497-6594-2-ND	1,000	1270.29	T1635-600G-TR	
	600	16	35	D2PAK	—	497-2557-5-ND	2.74	2.48	1.99	—	—	—	—	T1635-600G
	600	16	35	D2PAK	Non-Insulated	497-8060-1-ND	3.01	2.59	2.11	497-8060-2-ND	1,000	1247.84	T1635H-6G-TR	
	600	16	50	D2PAK	Non-Insulated	497-8061-1-ND	3.01	2.59	2.11	497-8061-2-ND	1,000	1247.84	T1650H-6G-TR	
	600	16	50	D2PAK	—	497-3739-1-ND	3.22	2.76	2.26	497-3739-2-ND	1,000	1333.13	T1650-600G-TR	
	600	25	35	D2PAK	Non-Insulated	497-6595-1-ND	4.03	3.63	2.96	497-6595-2-ND	1,000	1880.74	T2535-600G-TR	
	600	25	35	D2PAK	Non-Insulated	497-6751-5-ND	3.76	3.36	2.76	—	—	—	—	T2535-600G
	700	16	35	D2PAK	—	497-4433-1-ND	1.98	1.77	1.40	497-4433-2-ND	1,000	777.66	T1635-700G-TR	
	800	6	10	D2PAK	—	497-10417-1-ND	2.76	2.37	1.94	497-10417-2-ND	1,000	1145.73	T1235H-8GTR	
	800	8	10	D2PAK	—	497-4438-1-ND	1.69	1.05	.77	—	—	—	—	T810-800G-TR
	800	8	30	D2PAK	—	497-10416-1-ND	3.62	3.12	2.55	497-10416-2-ND	1,000	1503.69	ACST830-8GTR	
	800	12	10	D2PAK	—	497-7037-1-ND	3.92	3.36	2.75	497-7037-2-ND	1,000	1623.77	T1210-800G-TR	
800	12	35	D2PAK	—	497-6593-1-ND	1.84	1.65	1.31	497-6593-2-ND	1,000	726.04	T1235-800G-TR		
800	16	10	D2PAK	—	497-10007-1-ND	3.10	2.66	2.17	497-10007-2-ND	1,000	1282.63	T1610-800G-TR		
7	600	4	5	DPAK	—	497-2505-1-ND	1.53	1.37	1.09	497-2505-2-ND	2,500	561.08/M	T405-600B-TR	
	600	4	5	DPAK	—	497-2501-1-ND	1.17	1.05	.83	497-2501-2-ND	2,500	428.67/M	T405Q-600B-TR	
	600	4	10	DPAK	—	497-3269-1-ND	1.26	1.13	.90	497-3269-2-ND	2,500	462.33/M	T410-600B-TR	
	600	4	35	DPAK	—	497-2513-1-ND	1.08	.97	.77	497-2513-2-ND	2,500	396.13/M	T435-600B-TR	
	600	4	35	DPAK	—	497-3798-5-ND	1.11	.99	.79	—	—	—	T435-600B	
	600	8	10	DPAK	—	497-6596-1-ND	1.44	1.29	1.02	497-6596-2-ND	2,500	527.42/M	T810-600B-TR	
	600	8	35	DPAK	—	497-3270-1-ND	1.35	1.21	.96	497-3270-2-ND	2,500	494.88/M	T835-600B-TR	
	700	4	5	DPAK	—	497-5265-1-ND	1.29	1.16	.92	497-5265-2-ND	2,500	475.80/M	T405-700B-TR	
	800	4	5	DPAK	—	497-4434-1-ND	1.26	1.13	.90	497-4434-2-ND	2,500	462.33/M	T405-800B-TR	
	800	4	10	DPAK	—	497-8062-1-ND	1.44	1.29	1.02	497-8062-2-ND	2,500	527.42/M	T410-800B-TR	
	800	4	35	DPAK	—	497-10418-1-ND	2.02	1.81	1.44	497-10418-2-ND	2,500	742.87/M	ACST435-8BTR	
	8	600	4	10	IPAK	Non-Insulated	497-6753-5-ND	1.16	1.03	.81	—	—	—	T410-600H
600		4	35	IPAK	—	497-3795-5-ND	1.20	1.07	.84	—	—	—	T435-600H	
700		4	10	IPAK	—	497-4435-5-ND	.95	.59	.44	—	—	—	T410-700H	
9	600	0.8	5	TO-92	—	497-4681-1-ND	.77	.63	.47	497-4681-2-ND	2,000	218.82/M	Z00607MA 5BL2	
	600	0.8	5	TO-92	—	497-7699-ND	.52	.44	.33	—	—	—	Z00607MA 1BA2	
	600	1	3	TO-92	—	497-4682-1-ND	.77	.63	.47	497-4682-2-ND	2,000	218.82/M	Z0103MA 5AL2	
	600	1	3	TO-92	—	497-3323-1-ND	.79	.68	.54	497-3323-3-ND	2,000	257.09/M	Z0103MA 2AL2	
	600	1	3	TO-92	—	497-3323-ND	.73	.62	.47	—	—	—	Z0103MA 1AA2	
	600	1	5	TO-92	—	497-3822-ND	.94	.83	.64	—	—	—	Z0107MA 1AA2	
10	600	4	3	TO202-3	—	497-3324-ND	1.02	.90	.69	—	—	—	Z0402MF 1AA2	
	600	4	5	TO202-3	—	497-7700-ND	1.45	1.28	1.02	—	—	—	Z0405MF 1AA2	
	600	4	10	TO202-3	—	497-7701-ND	1.02	.90	.69	—	—	—	Z0409MF 1AA2	
	600	4	25	TO202-3	—	497-6815-ND	1.09	.95	.74	—	—	—	Z0410MF 1AA2	
	800	4	5	TO202-3	—	497-6814-ND	1.03	.92	.73	—	—	—	Z0405NF 1AA2	
	800	4	10	TO202-3	—	497-7702-ND	.85	.75	.58	—	—	—	Z0409NF 1AA2	
	800	6	30	ISOWATT 220AB	—	497-4437-5-ND	1.90	1.68	1.33	—	—	—	T630-800W	
	800	8	30	ISOWATT 220AB	—	497-6755-5-ND	2.04	1.85	1.49	—	—	—	T830-800W	
12	400	1	25	SOT-223	Non-Insulated	497-6813-1-ND	1.30	1.17	.93	497-6813-2-ND	1,000	513.95	Z0110DN 5AA4	
	600	1	3	SOT-223	—	497-6630-1-ND	1.13	.99	.78	497-6630-2-ND	1,000	412.95	Z0103MN 5AA4	
	600	1	5	SOT-223	—	497-6631-1-ND	.83	.72	.57	497-6631-2-ND	1,000	301.86	Z0107MN 5AA4	
	600	1	10	SOT-223	—	497-6812-1-ND	1.19	1.04	.82	497-6812-2-ND	1,000	434.28	Z0109MN 5AA4	
	600	1	25	SOT-223	—	497-9044-1-ND	1.17	1.05	.83	497-9044-2-ND	1,000	460.09	Z0110MN 5AA4	
	800	1	5	SOT-223	—	497-4508-1-ND	.95	.83	.66	497-4508-2-ND	1,000	347.87	Z0107NN 5AA4	
800	1	10	SOT-223	—	497-4509-1-ND	.83	.72	.57	—	—	—	Z0109NN 5AA4		

◆ RoHS Compliant † Cut Tape ‡ Tube § Ammo Pack

Alternistors



Fig.	VDRM (V)	IT(RMS) (A)	IGT (mA)	Package	Insulation	Digi-Key Part No.	Tube Price Each			STMICROELECTRONICS Part No.
							1	10	100	
3	600	40	200	TOP3	Insulated	497-4441-5-ND	9.43	8.49	6.98	TPDV640RG
	800	40	200	TOP3	Insulated	497-4442-5-ND	10.60	9.55	7.85	TPDV840RG
	1200	25	150	TOP3	Insulated	497-3791-5-ND	9.57	8.62	7.09	TPDV1225RG
	1200	40	200	TOP3	Insulated	497-3794-5-ND	10.90	9.81	8.07	TPDV1240RG

Diacs

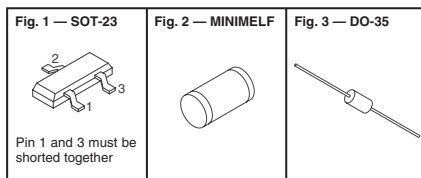


Fig.	V(BO) (V)		V(BO) Symmetry (V) Max.	Dynamic Breakback Voltage (V)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel† Qty.	Tape and Reel† Pricing	STMICROELECTRONICS Part No.
	Min.	Max.				1	10	100			
1	28	36	±3	10	497-3148-1-ND	.74	5.93	44.44	3,000	208.73/M	SMDB3
	28	36	±3	5	497-3275-1-ND	.72	5.72	42.96	2,500	201.99/M	TMMDB3
3	30	34	±2	9	497-3134-1-ND	.64	4.54	30.30	5,000	103.24/M	DB3TG
	28	36	3	5	497-3099-1-ND	.61	4.30	28.62	5,000	97.63/M	DB3
	35	45	3	5	497-7223-1-ND	.68	5.38	36.76	5,000	145.88/M	DB4

† For Tape and Reel part number, change 1-ND to 2-ND.

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.

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