



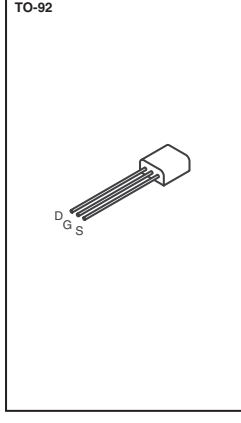
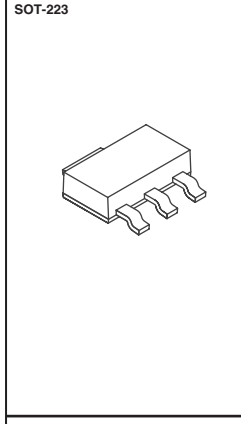
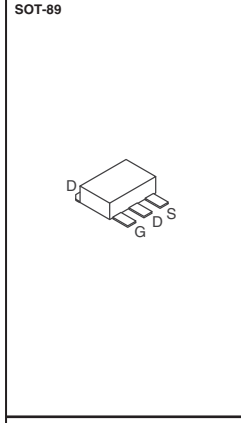
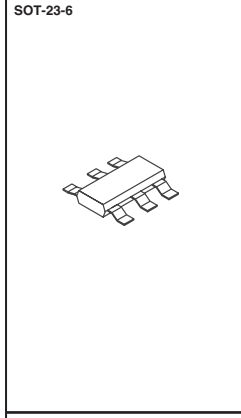
A Product Line of Diodes Incorporated



MOSFETs
60 Volts (Cont.)



BV _{DSS} (V)	I _D (mA)	I _{DM} (A)	V _{GS} (th)		R _{DS} (on)		V _{GS} (V)	P _D (W)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each	Digi-Key Part No.	Tape and Reel			
			Min.	Max.	I _D (mA)	I _D (mA)							Qty.	Pricing		
60	1400	—	1	—	0.675	200	5	2.5	SOT-223	ZXMS6003GCT-ND	1.92	1.72	ZXMS6003GTR-ND	1,000	757.46	
	1300	2.5	—	—	0.600	500	3	1.3	SOT-23F	ZXMS6004FFCT-ND	1.11	1.00	ZXMS6004FFTR-ND	3,000	408.47/M	
	1300	2.5	—	—	0.600	500	3	1.3	SOT-223	ZXMS6004DGTACT-ND	1.54	1.38	ZXMS6004DGTATR-ND	1,000	605.97	
	1300	2.5	—	—	0.600	500	3	1.6	SOT-223	ZXMS6004SGTACT-ND	1.23	1.11	ZXMS6004SGTATR-ND	3,000	455.60/M	
	3700	23	1	3	0.25	0.66	4500	10	1.56	SO-8	DMN6066SSS-13CT-ND	.99	.86	DMN6066SSS-13TR-ND	2,500	325.43/M
	4100	20.8	1	3	0.25	0.068	12000	10	2	SOT-223	DMN6068SE-13CT-ND	.81	.65	DMN6068SE-13TR-ND	2,500	226.68/M
Dual — RoHS Compliant																
60	5100	25	1	—	0.045	8200	10	2.1	SO-8	ZXMN6A09DN8CT-ND	2.36	2.02	ZXMN6A09DN8TR-ND	500	589.13	
	4700	22	1	—	0.055	3600	10	2.1	SO-8	ZXMN6A25DN8CT-ND	1.47	1.32	ZXMN6A25DN8TR-ND	500	366.95	
	3300	17	1	3	0.25	0.066	4500	10	1.8	SO-8	DMN6066SSD-13CT-ND	1.19	1.03	DMN6066SSD-13TR-ND	2,500	390.52/M
	2700	8.3	1	—	0.25	0.140	4400	10	2.1	SO-8	ZXMN6A11DN8CT-ND	1.11	.96	ZXMN6A11DN8TR-ND	500	252.49
P-Channel — RoHS Compliant																
-60	-10400	-37.5	-1	—	-0.25	-3500	-10	10.1	D-PAK	ZXMP6A18KTCT-ND	2.24	1.92	ZXMP6A18KTCTR-ND	2,500	864.07/M	
	-5400	-27.2	-1	—	-0.25	-2900	-10	4.24	D-PAK	ZXMP6A16KCT-ND	1.09	.98	ZXMP6A16KTR-ND	2,500	400.62/M	
	-1400	-13.7	-1	—	-0.25	-2200	-10	2.0	SOT-223	ZXMP6A17GCT-ND	.94	.81	ZXMP6A17GTR-ND	1,000	341.14	
	-3000	-13.6	-1	—	-0.25	-2300	-10	1.7	SOT-23-6	ZXMP6A17E6CT-ND	.77	.62	ZXMP6A17E6TR-ND	3,000	217.70/M	
	-2700	-15.6	-1	—	-0.25	-2300	-10	1.56	SO-8	ZXMP6A17N8TCT-ND	1.09	.94	ZXMP6A17N8TCTR-ND	2,500	357.97/M	
	-1700	-7.8	-1	—	-0.25	-900	-10	2.0	SOT-223	ZXMP6A13GCT-ND	.91	.79	ZXMP6A13GTR-ND	1,000	332.16	
	-1100	-4	-1	—	-0.25	0.4	-900	-10	.806	SOT23-3	ZXMP6A13FCT-ND	.74	.60	ZXMP6A13FTR-ND	3,000	208.73/M
	-90	-1.6	-1.5	-3.5	-1	14	-200	-10	.330	SOT23-3	ZVP3306FCT-ND	.91	.79	ZVP3306FTR-ND	3,000	300.74/M
-450	-4.0	-1.5	-3.5	-1	5.0	-500	-10	2.0	SOT-223	ZVP2106GCT-ND	1.28	1.15	ZVP2106GTR-ND	1,000	504.97	
Dual																
-60	-4800	-23.8	-1	—	-0.25	-3500	-10	2.1	SO-8	ZXMP6A18DN8CT-ND	2.17	1.86	ZXMP6A18DN8TR-ND	500	540.32	
	-3900	-10.3	-1	—	-0.25	-2900	-10	2.1	SO-8	ZXMP6A16DN8CT-ND	1.76	1.58	ZXMP6A16DN8TR-ND	500	439.33	
	-3200	-14.2	-1	—	-0.25	-2300	-10	2.1	SO-8	ZXMP6A17DN8CT-ND	1.31	1.18	ZXMP6A17DN8TR-ND	500	329.35	
N and P Channel Complementary — RoHS Compliant																
60	1390	7.10	—	3	0.25	0.25	1800	10	0.87	SO-8	ZXMH6CA07N8DICT-ND	1.28	1.15	ZXMH6CA07N8DITR-ND	2,500	471.31/M
-60	-1280	-6.03	—	-3	-0.25	0.40	-1400	-10	2.1	SO-8	ZXMC6A09DN8TACT-ND	2.36	2.02	ZXMC6A09DN8TATR-ND	500	589.13
60	5100	25.0	1	—	0.25	0.450	8200	10	2.1	SO-8	ZXMC6A09DN8TACT-ND	2.36	2.02	ZXMC6A09DN8TATR-ND	500	589.13
-60	-4800	-23.0	-1	—	-0.25	0.550	-3500	-10	2.1	SO-8	ZXMC4559DN8CT-ND	1.96	1.69	ZXMC4559DN8TR-ND	500	490.95



70 Volts



BV _{DSS} (V)	I _D (mA)	I _{DM} (A)	V _{GS} (th)		R _{DS} (on)		V _{GS} (V)	P _D (W)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each	Digi-Key Part No.	Tape and Reel		
			Min.	Max.	I _D (mA)	I _D (mA)							Qty.	Pricing	
70	3.8	10	1.0	—	0.250	0.13	4400	10	3.9	SOT-223	1.03	.90	ZXMN7A11GTR-ND	1,000	377.05
	6.1	17	1.0	—	0.250	0.13	4400	10	8.5	D-PAK	1.11	.96	ZXMN7A11KTR-ND	2,500	365.83/M
P-Channel															
-70	-3.7	-9.6	-1.0	—	-0.250	0.16	-2100	-10	3.9	SOT-223	.97	.84	ZXMP7A17GTR-ND	1,000	350.11
	-5.7	-17.7	-1.0	—	-0.250	0.16	-2100	-10	8.5	D-PAK	1.13	.99	ZXMP7A17KTR-ND	2,500	374.80/M

100-150 Volts



BV _{DSS} (V)	I _D (mA)	I _{DM} (A)	V _{GS} (th)		R _{DS} (on)		V _{GS} (V)	P _D (W)	Packaging Type	Digi-Key Part No.	Cut Tape Price Each	Loose Piece Price Each			
			Min.	Max.	I _D (mA)	I _D (mA)						1	10	100	1,000
100	320	6	0.75	1.5	1	4.5	250	5	0.7	TO92-3	.88	.77	.60	.36	
	320	6	0.8	2.4	1	4	1,000	10	0.7	TO92-3	.81	.71	.55	.33	
	200	2	0.8	2.4	1	10	500	10	0.625	TO92-3	.88	.77	.60	.36	
	450	6	0.8	2.4	1	1.8	500	5	0.7	TO92-3	.94	.83	.64	.38	
	900	12	1.0	3.0	1	0.65	1,500	5	0.85	TO92-3	1.80	1.59	1.26	.77	
	P-Channel														
-100	-230	-3	-1.5	-3.5	1	8	375	-10	0.7	TO92-3	.99	.87	.69	.43	
	-140	-1.2	-1.5	-3.5	1	20	150	-10	0.625	TO92-3	.79	.69	.54	.32	

BV _{DSS} (V)	I _D (mA)	I _{DM} (A)	V _{GS} (th)		R _{DS} (on)		V _{GS} (V)	P _D (W)	Package Type	Digi-Key Part No.	Cut Tape Price Each	Digi-Key Part No.	Tape and Reel		
			Min.	Max.	I _D (mA)	I _D (mA)							Qty.	Pricing	
N-Channel															
100	7700	27	2.0	4.0	0.25	0.100	0.0042	6	10.1	D-PAK	2.17	1.86	ZXMN10A09KTR-ND	2,500	833.77/M
	2000	11	2.0	—	0.25	0.25	3200	10	2	SOT-223	.79	.69	ZXMN10A08GTR-ND	1,000	287.27
	2400	9.9	2.0	4.0	0.25	0.35	2600	10	4.06	D-PAK	.93	.81	—	—	—
	2400	9.9	2.0	4.0	0.25	0.35	2600	10	4.06	D-PAK	.93	.80	ZXMN10A11KTCTR-ND	2,500	305.23/M
	2900	17	2.0	4.0	0.25	0.125	2900	10	2	SOT-223	1.47	1.32	ZXMN10A25GTATR-ND	1,000	579.03
	4200	21	2.0	4.0	0.25	0.125	2900	10	4.25	D-PAK	1.62	1.45	ZXMN10A25KTCTR-ND	2,500	593.63/M
	600	6	0.75	1.5	1	4.5	250	5	2	SOT-223	1.16	1.03	ZVNL110GTR-ND	1,000	454.47
	320	6	0.75	1.5	1	4.5	250	5	.7	TO92-3	.84	.73	ZVNL110ASCT-ND	2,000	317.29/M
	1500	8.6	2	4	0.25	0.25	3200	10	1.7	SOT-23-6	.77	.63	ZXMN10A08E6CT-ND	3,000	218.82/M
	1900	9	1	3	0.25	0.30	1400	4.5	1.7	SOT-23-6	.94	.82	ZXMN10B08E6TR-ND	3,000	310.84/M
	500	6	0.8	2.4	1	4.0	1.0	10	2	SOT-223	1.07	.96	ZVN2110GTR-ND	1,000	420.81
	100	2	0.8	2.4	1	10	500	10	.330	SOT23-3	.76	.67	ZVN3310FTR-ND	3,000	252.49/M
	800	6	0.8	2.4	1	1.8	500	5	2	SOT-223	1.16	1.03	ZVN4210GTR-ND	1,000	454.47
	1670	12	1.0	3.0	1	0.54	3.3	10	3	SOT-223	1.95	1.75	ZVN4310GTR-ND	1,000	770.92
	170	0.68	0.8	2.8	1	6	100	10	.360	SOT23-3	.65	.47	BSS123TR-ND	3,000	111.10/M
170	0.68	0.5	1.5	1	8	150	4.5	.360	SOT23-3	.84	.73	ZXM41N10FTR-ND	3,000	277.18/M	
800	3.5	2	4	0.25	0.7	1500	10	.62	SOT23-3	.56	.45	ZXMN10A07FTR-ND	3,000	157.11/M	
1400	4.2	2	4	0.25	0.70	1500	10	2.6	SOT-89	.81	.65	ZXMN10A07ZTR-ND	1,000	248.00	
1600	9.0	2	—	0.25	0.25	3200	10	1.25	SO-8	1.28	1.15	ZXMN10A08DN8TATR-ND	500	319.82	
1800	5.8	2	4	0.25	0.6	2600	10	3.9	SOT-223	.91	.79	ZXMN10A11GTR-ND	1,000	332.16	
150	1700	17.2	2	4	0.25	0.65	2150	10	2.2	D-PAK	.94	.81	ZXMN15A27KTCTR-ND	2,500	309.72/M
P-Channel															
-100	-3700	-16.5	-2	-4.0	0.25	0.150	2800	-10	3.9	SOT-223	2.09	1.79	ZXMP10A18GTR-ND	1,000	862.94
	-1600	-7.7	-2	-4.0	0.25	0.35	1400	-10	1.7	SOT-23-6	.86	.75	ZXMP10A17E6TR-ND	3,000	285.03/M
	-700	-3.1	-2	-4.0	0.25	1	-600	-10	.800	SOT23-3	.77	.63	ZXMP10A13FTR-ND	3,000	218.82/M

◆ RoHS Compliant § Tape and Box (Continued)

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