

DIODES INC. MOSFETS and Transistors



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DIODES INC. MOSFETS N-Channel Enhancement Mode

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-BSS138W-F	BSS138W7-F	SOT-323	50	3.50	0.20	.49	.35	.21	.135
621-2N7002T-F	2N7002T-7-F	SOT-523	60	7.50	0.12	.50	.36	.15	.12
621-BS870-F	BS8707-F	SOT-23	60	5.00	0.25	.63	.42	.142	.122
522-DMN6068SE-13	DMN6068SE-13	SOT223	60	6.8	6.5	.72	.57	.429	.318
621-BSS123W-F	BSS123W7-F	SOT-323	100	6.00	0.17	.56	.40	.17	.136
621-DMG1012UW-7	DMG1012UW-7	SOT323	20	450	1	.42	.30	.127	.102
621-DMG3420U-7	DMG3420U-7	SOT-23	20	21	5.47	.48	.26	.144	.115
621-DMN26D0UT-7	DMN26D0UT-7	SOT-523	20	3	0.23	.60	.40	.192	.104
621-DMN2016UTS-13	DMN2016UTS-13	TSSOP-8L	20	11	8.58	.72	.572	.429	.318
621-DMG9926USD-13	DMG9926USD-13	SOP-8L	20	24	8	.55	.44	.285	.245
621-DMG3414U-7	DMG3414U-7	SOT-23	20	25	4.2	.55	.44	.33	.245
621-DMN2075U-7	DMN2075U-7	SOT-23	20	25	4.2	.49	.35	.21	.119
621-DMN2075UDW-7	DMN2075UDW-7	SOT-363-6	20	48	2.8	.22	.20	.187	.158
621-DMN2300U-7	DMN2300U-7	SOT23-3	20	175	1.4	.24	.218	.21	.173
621-DMN2300UFD-7	DMN2300UFD-7	DFN1212-3	20	200	1.73	.20	.182	.17	.144
621-DMN2990UDJ-7	DMN2990UDJ-7	SOT963-3	20	990	0.45	.22	.20	.19	.159
621-DMP2066LDM-7	DMP2066LDM-7	SOT-26-6	20	0.04	4.6	.44	.37	.278	.204
621-DMP2066LSN-7	DMP2066LSN-7	SC-59-3	20	0.04	4.6	.59	.49	.37	.272
621-DMN3033LSN-7	DMN3033LSN-7	SC-59-3	30	0.03	6	.51	.43	.324	.238
621-DMN3051L-7	DMN3051L-7	SOT-23-3	30	0.038	5.8	.44	.37	.278	.204
621-DMP3160L-7	DMP3160L-7	SOT-23-3	30	0.122	2.7	.57	.45	.306	.21
621-DMG4712SSS-13	DMG4712SSS-13	SO-8	30	14	11.2	.66	.52	.396	.294
621-DMG6402LDM-7	DMG6402LDM-7	SOT-26	30	28	5.9	.47	.37	.211	.175
621-DMG1012T-7	DMG1012T-7	SOT523	20	450	0.6	.55	.37	.125	.095
621-DMG8880LK3-13	DMG8880LK3-13	TO-252	30	14	16.5	.84	.72	.513	.418
621-DMN2020LSN-7	DMN2020LSN-7	SC59	20	13	6.9	.54	.42	.243	.202
621-DMG8880LSS-13	DMG8880LSS-13	SOIC-8	30	7	11.6	.72	.52	.429	.318
621-DMN2041L-7	DMN2041L-7	SOT-23	20	20	6.4	.48	.33	.162	.13
621-DMN3005LK3-13	DMN3005LK3-13	TO-252	30	6.5	2.2	1.44	1.23	1.02	.798
621-DMN3730UFB4-7	DMN3730UFB4-7	DNF	30	730	900	.70	.54	.48	.352
621-DMG7702SFG-7	DMG7702SFG-7	POWER DI3333-8	30	10	12	.40	.363	.34	.288
621-DMS3016SSA-13	DMS3016SSA-13	SO-8	30	13	9.8	.41	.37	.35	.294
621-DMN4800LSS-13	DMN4800LSS-13	SO-8	30	14	8	.33	.304	.283	.241
621-DMG4466SSD-13	DMG4466SSD-13	SO-8	30	15	10	.52	.41	.28	.194
621-DMG4822SSS-13	DMG4822SSS-13	SO-8	30	20	10	.54	.493	.46	.391
621-DMN3024SFG-7	DMN3024SFG-7	POWER DI3333-8	30	23	7.5	.28	.254	.24	.202
621-DMN3024LK3-13	DMN3024LK3-13	TO-252	30	24	14.4	.66	.52	.342	.294
621-DMN3110S-7	DMN3110S-7	SOT-23-3	30	73	3.3	.42	.377	.357	.299
621-DMN100-7-F	DMN100-7-F	SC-59	30	240	1.1	.74	.594	.445	.33
621-DMN3730U-7	DMN3730U-7	SOT-23-3	30	460	0.94	.24	.218	.21	.173
621-DMN4009LK3-13	DMN4009LK3-13	TO-525	40	8.5	27.6	.47	.43	.342	.294
621-DMN4031SSD-13	DMN4031SSD-13	SO-8	40	31	7	.55	.47	.37	.26
621-DMN4036LK3-13	DMN4036LK3-13	TO-252-3L	40	36	12.2	.72	.57	.37	.318
621-BSN20-7	BSN20-7	SOT-23	50	1.8	0.5	.08	.077	.074	.061
621-DMG1026UV-7	DMG1026UV-7	TO563-6	60	1.8	0.44	.10	.087	.083	.069
621-DMN601WK-7	DMN601WK-7	SOT-323-3	60	3	0.3	.50	.375	.25	.145
621-BSS127SSN-7	BSS127SSN-7	SC-59	600	160	0.05	.17	.156	.15	.124

Dual N-Channel Enhancement Mode

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-DMG1016V-7	DMG1016V-7	SOT-563	20/	400/	.87/	.58	.41	.198	.159
621-DMG9926UDM-7	DMG9926UDM-7	SOT-26	20	28	4.2	.61	.48	.313	.269
621-DMN2400UV-7	DMN2400UV-7	SOT-563	20	1.5	1.33	.58	.41	.198	.159
621-DMG4800LSD-13	DMG4800LSD-13	SO-8	30	16	7.5/6.4	.66	.52	.39	.29
621-BSS138DW-F	BSS138DW7-F	SOT-363	50	3.50	0.20	.54	.42	.243	.202
621-DMG6898LSD-13	DMG6898LSD-13	SO-8	20	16	9.5	.97	.77	.56	.424
621-DMN2041LSD-13	DMN2041LSD-13	SO-8	20	41	7.63	.61	.48	.36	.26

P-Channel Enhancement Mode

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-ZXMP2120FFTA	ZXMP2120FFTA	SOT-23F	-200	28000	-0.137	.70	.60	.48	.352
621-ZXMP6A17KTC	ZXMP6A17KTC	TO-252-3L	-60	125	-6.6	.99	.78	.585	.495
621-DMP4015SK3-13	DMP4015SK3-13	TO-252-3L	-40	11	-1.4	.80	.725	.682	.575
522-ZXMP4A57E6TA	ZXMP4A57E6TA	SOT-26	-40	80	-3.7	.80	.725	.682	.575
621-DMP3025LK3-13	DMP3025LK3-13	TO-252	-30	41	-1.6	.77	.57	.399	.343
621-DMP3105LVT-7	DMP3105LVT-7	TSOT-26-6	-30	75	-3.9	.26	.236	.22	.187
621-DMG2307L-7	DMG2307L-7	SOT-23-3	-30	90	-3.8	.48	.338	.225	.13
621-DMG1013UW-7	DMG1013UW-7	SOT-323	-20	1.05	-0.82	.63	.42	.20	.108
621-DMP2066LSD-13	DMP2066LSD-13	SOP-8	-20	40	-5.8	.78	.68	.468	.396
621-DMP2066LSS-13	DMP2066LSS-13	SOP-8	-20	40	-6.5	.74	.59	.384	.33
621-DMP2130L-7	DMP2130L-7	SOT-23	-20	75	-3	.58	.45	.26	.216
621-DMP2004TK-7	DMP2004TK-7	SOT-523	-20	1100	-0.43	.62	.48	.276	.229
621-DMP22D6UT-7	DMP22D6UT-7	SOT-523	-20	1100	-0.43	.62	.48	.331	.229
621-DMP1096UCB4-7	DMP1096UCB4-7	BGA-4	-12	102	-2.6	.24	.218	.21	.173
621-BSS84-F	BSS84-F	SOT-23	-50	100	-0.13	.42	.30	.127	.122
621-BSS84W-F	BSS84W7-F	SOT-323	-50	100	-0.13	.49	.35	.21	.135
621-DMP2035U-7	DMP2035U-7	SOT-23	-20	35	-4	.53	.37	.18	.145
621-DMP2069UFY4-7	DMP2069UFY4-7	DFN201	-20	69	-2.5	.55	.40	.33	.245
621-DMG2301U-7	DMG2301U-7	SOT-23	-20	39	-2.4	.55	.44	.285	.245

DIODES INC. MOSFETS (CONT.) Dual P-Channel Enhancement Mode

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-DMG1013T-7	DMG1013T-7	SOT523	-20	750	-0.46	.55	.37	.125	.095
522-DMG1245UFCL-7	DMP1245UFCL-7	DFN1616	-12	100mQ	-6600	.66	.51	.45	.39
621-DMP3415UFY4-7	DMG3415UFY4-7	DFN201	-16	52	-2.5	.55	.44	.33	.245
621-DMG4413LSS-13	DMG4413LSS-13	SOP-8	-30	6.3	-10.5	1.10	.98	.78	.57
621-DMP2240UDM-7	DMP2240UDM-7	SOT-26	-20	150	-2	.50	.39	.297	.22
621-DMP2004VK-7	DMP2004VK-7	SOT-563	-20	900	-0.53	.51	.39	.273	.189
621-BSS84DW-F	BSS84DW7-F	SOT-363	-50	100	-0.13	.54	.42	.243	.202
621-DMP2035UTS-13	DMP2035UTS-13	TSSOP-8L	20	45	6.04	.72	.57	.429	.318

N-Channel/P-Channel Array Enhancement Mode

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-DMC4040SSD-13	DMC4040SSD-13	SO-8	40/40	25	7.5/-7.5	.72	.66	.59	.428
621-DMG1016UDW-7	DMG1016UDW-7	SOT-363	20/20	0.45/0.75	0.1066/-0.1066	.56	.40	.24	.136
621-ZXMC10A816N8TC	ZXMC10A816N8TC	SO-8	100/100	230/235	-2.1/2.2	1.06	.95	.756	.588
621-LMN200B02-7	LMN200B02-7	SOT-363	-50	-	115	.54	.428	.292	.202
621-DMC3021LK4-13	DMC3021LK4-13	TO-252-4	±30	21/39	9.4/-6.8	.36	.327	.31	.259
621-DMG4511SK4-13	DMG4511SK4-13	TO-252-4L	±35	34/45	13/-12	.74	.667	.63	.529
621-DMG6602SVT-7	DMG6602SVT-7	TSOT26-6	±30	60/95	3.4/-2.8	.15	.138	.13	.11
621-DMC2038LVT-7	DMC2038LVT-7	TSOT26-6	±20	35/75	4.5/-3.2	.15	.138	.13	.11
621-BSS8402DW-F	BSS8402DW7-F	SOT-363	60/-50	100/100	1.15/-1.13	.55	.44	.285	.245
621-DMC3021LSD-13	DMC3021LSD-13	SO-8	30/30	21	8.5/-7	.66	.52	.39	.29
621-DMC3028LSD-13	DMC3028LSD-13	SOP-8L	30/30	28/25	7.1/-7.4	.66	.49	.342	.294

DIOFET™

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (A)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-DMS3015SSS-13	DMS3015SSS-13	SO-8	30	14.9	11	.52	.41	.313	.232
621-DMS3014SSS-13	DMS3014SSS-13	SO-8	30	14	10.4	.58	.46	.346	.257
621-DMS3016SSS-13	DMS3016SSS-13	SO-8	30	16	9.8	.55	.44	.285	.211

Dual DIOFET™

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{DSS} (V)	R _{DS} (On)	ID (mA)	Price Each			
						1	10	100	500
						For quantities greater than listed, call for quote.			
621-DMS3017SSD-13	DMS3017SSD-13	SO-8	30	12/22	10/7.2	.88	.68	.60	.44
621-DMS3019SSD-13	DMS3019SSD-13	SO-8	30	15/25	9/7	.86	.663	.585	.429

DIODES INC. BIPOLAR TRANSISTORS

NPN Transistors

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{CEO} (V)	I _C (mA)	hFE		Price Each			
					Min.	Max.	1	10	100	500
					For quantities greater than listed, call for quote.					
621-2DC4617QLP-7B	2DC4617QLP-7B	DFN-1006-3	50	100	120	270	.19	.174	.17	.138
621-BC847BLP4-7B	BC847									