

DIODES INC. Diodes



This product is RoHS compliant.



Diodes & Rectifiers

Diodes Inc.

HIGH SPEED SWITCHING DIODES

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Configuration	V _{RRM}	Power Dissipation	T _{rr}	V _F	I _R	V _R	Total Capacitance	Price Each			
											1	10	100	500
621-BAS521LP-7	BAS521LP-7	DFN1006	Single	325	400mW	50ns	1.1V	0.15µA	300V	5pF	.42	.30	.18	.092
621-BAW101V-7	BAW101V-7	SOT-563	Single, Series	325	500mW	50ns	1.1V	0.15µA	300V	2pF	.51	.36	.24	.139
621-1N4148WT	1N4148WT	SOD-523	Single	100V	150mW	4ns	0.715V	1µA	75V	2pF	.60	.408	.136	.104
621-BAV19W-F	BAV19W-F	SOD-123	Single	100V	250mW	50ns	1V	0.1µA	120V	5pF	.42	.31	.114	.087
621-1N4148W-F	1N4148W-F	SOD-123	Single	100V	400mW	4ns	1V	1µA	75V	2pF	.46	.29	.084	.059
621-BAV16W-F	BAV16W-F	SOD-123	Single	100V	400mW	4ns	1V	1µA	100V	2pF	.44	.299	.084	.059
621-BAS19W-7-F	BAS19W-7-F	SOT-323	Single	120V	200mW	50ns	1V	1µA	120V	5pF	.56	.383	.18	.097
621-BAV116W-F	BAV116W-F	SOD-123	Single	130V	250mW	3000ns	1.1V	0.005µA	75V	2.4pF	.38	.28	.114	.087
621-BAV20W-F	BAV20W-F	SOD-123	Single	150V	250mW	50ns	1V	0.1µA	200V	5pF	.42	.31	.114	.087
621-BAV21W-F	BAV21W-F	SOD-123	Single	200V	250mW	50ns	1V	0.1µA	250V	5pF	.42	.31	.14	.087
621-BAV21WS-F	BAV21WS-F	SOD-323	Single	250V	200mW	50ns	1V	0.1µA	250V	5pF	.39	.30	.114	.087
621-BAS21-F	BAS21-F	SOT-23	Single	250V	350mW	50ns	1V	0.1µA	250V	5pF	.38	.27	.078	.055
621-BAV3004W-F	BAV3004W-F	SOD-323	Single	350V	400mW	50ns	1V	0.1µA	240V	5pF	.42	.30	.18	.10
621-1N4148WS-F	1N4148WS-F	SOD-323	Single	75V	200mW	4ns	1V	1µA	75V	2pF	.49	.32	.091	.064
621-1N4448WS-F	1N4448WS-F	SOD-323	Single	75V	200mW	4ns	1V	2.5µA	75V	4pF	.40	.27	.091	.069
621-BAS16W-F	BAS16W-F	SOT-323	Single	75V	200mW	4ns	1V	1µA	75V	2pF	.38	.255	.085	.065
621-BAS16-F	BAS16-F	SOT-23	Single	75V	350mW	4ns	1V	1µA	75V	2pF	.30	.19	.055	.039
621-MMBD4148-F	MMBD4148-F	SOT-23	Single	75V	350mW	4ns	1V	1µA	75V	2pF	.42	.27	.12	.039
621-MMBD914-7-F	MMBD914-7-F	SOT-23	Single	75V	350mW	4ns	1V	1µA	75V	2pF	.32	.207	.058	.041
621-1N4448W-F	1N4448W-F	SOD-123	Single	75V	400mW	4ns	1V	2.5µA	75V	4pF	.38	.25	.085	.065
621-1N4448WS-F	1N4448WS-F	SOD-323F	Single	75	400	4	1	2.5	75	4	.06	.055	.053	.044
621-1SS361LPH4-7B	1SS361LPH4-7B	DFN1006-2	Single	80	350	4	1.2	0.5	80	3	.09	.08	.077	.063
621-BAS116LPH4-7B	BAS116LPH4-7B	DFN1006-2	Single	85	200	3000	1.15	0.005	75	4	.09	.08	.077	.063
621-1N4448HWT-F	1N4448HWT-F	SOD-523	Single	80V	150mW	4ns	0.72V	0.1µA	80V	3pF	.60	.40	.192	.104
621-BAS116-F	BAS116-F	SOT-23	Single	85V	250mW	3000ns	1.1V	0.005µA	75V	2pF	.38	.25	.12	.065
621-BAS521-7	BAS521-7	SOD-523	Single	300V	325mW	50ns	1.1V	0.15µA	-	5pF	.68	.459	.216	.117
621-BAV3004WS-7	BAV3004WS-7	SOD-323	Single	350V	400mW	50ns	1V	0.1µA	-	5pF	.53	.375	.25	.147
621-BAV23A-F	BAV23A-F	SOT-23	Dual, Com. Anode	250V	350mW	50ns	1V	0.1µA	250V	5pF	.42	.31	.153	.117
621-BAW56-F	BAW56-F	SOT-23	Dual, Com. Anode	75V	350mW	4ns	1V	2.5µA	75V	2pF	.38	.25	.105	.05
621-BAV23C-F	BAV23C-F	SOT-23	Dual, Com. Cathode	250V	350mW	50ns	1V	0.1µA	250V	5pF	.42	.31	.153	.117
621-BAV70-F	BAV70-F	SOT-23	Dual, Com. Cathode	75V	350mW	4ns	1V	2.5µA	75V	2pF	.35	.23	.065	.046
621-BAV170-F	BAV170-F	SOT-23	Dual, Com. Cathode	85V	250mW	3000ns	1.1V	0.005µA	75V	2pF	.50	.34	.16	.087
621-MMBD3004C-7-F	MMBD3004C-7-F	SOT-23-3	Dual, Com. Cathode	350V	350mW	50ns	1.25V	0.1µA	-	5pF	.48	.33	.225	.13
621-MMBD3004S-F	MMBD3004S-F	SOT-23	Dual, Series	350V	350mW	50ns	1.25V	0.1µA	240V	1pF	.48	.33	.225	.12
621-BAV99W-F	BAV99W-F	SOT-323	Dual, Series	75V	200mW	4ns	1V	2.5µA	75V	2pF	.40	.32	.09	.064
621-BAV99-F	BAV99-F	SOT-23	Dual, Series	75V	350mW	4ns	1V	2.5µA	75V	2pF	.35	.23	.065	.049
621-BAV199-F	BAV199-F	SOT-23	Dual, Series	85V	250mW	3000ns	1.1V	0.005µA	75V	2pF	.25	.20	.114	.084
621-BAS20DW-7	BAS20DW-7	SOT-363	Dual, Isolated	200V	200mW	50ns	1V	0.1µA	-	5pF	.48	.338	.225	.13
621-BAS21DW-7	BAS21DW-7	SOT-363	Dual, Isolated	250V	200mW	50ns	1V	0.1µA	-	5pF	.44	.342	.234	.162
621-MMBD3004BRM-F	MMBD3004BRM-F	SOT-26	Dual-Dual, Series	350V	350mW	50ns	.87V	1µA	240V	5pF	.55	.44	.285	.245
621-BAV99DW-F	BAV99DW-F	SOT-363	Dual-Dual, Series (Alt.)	75V	200mW	4ns	1V	2.5µA	75V	2pF	.50	.40	.198	.159
621-SDA004-7	SDA004-7	SOT-363	Dual-Dual, Series (Alt.)	80V	200mW	4ns	1V	2.5µA	75V	2pF	.56	.40	.272	.269
621-BAV199DW-F	BAV199DW-F	SOT-363	Dual-Dual, Series (Alt.)	85V	200mW	3000ns	0.9V	.005µA	75V	2pF	.55	.40	.17	.136
621-BAV99BRW-7-F	BAV99BRW-7-F	SOT-363	Dual-Dual, Series	75V	250mW	4ns	1V	2.5µA	-	2pF	.55	.44	.285	.245
621-BAV99BRLP-7	BAV99BRLP-7	DFN-2020B-6	Dual-Dual, Series (Alt.)	75	500	4	1	2.5	75	2	.20	.186	.178	.148
621-BAW56DW-F	BAW56DW-F	SOT-363	Dual-Dual, Com. Anode	75V	200mW	4ns	1V	2.5µA	-	2pF	.49	.35	.21	.122
621-BAS16TW-F	BAS16TW-F	SOT-363	Triple, Isolated	75V	150mW	4ns	1V	1µA	75V	2pF	.56	.40	.24	.136
621-MMBD4448HTW-F	MMBD4448HTW-F	SOT-363	Triple, Isolated	80V	200mW	4ns	1V	1µA	70V	3.5pF	.58	.45	.312	.16
621-BAS21TW-7	BAS21TW-7	SOT363	Triple, Isolated (Alt.)	250	300	50	1.05	0.1	200	5	.11	.098	.095	.078
621-DLPA006	DLPA006-7	SOT-363	Triple, Dual-Series	85V	200mW	3000ns	1.1V	0.005µA	-	2pF	.70	.60	.416	.352
621-MMBD4448HCQW-F	MMBD4448HCQW-F	SOT-353	Quad, Com. Cathode	80V	200mW	4ns	1V	1µA	70V	3.5pF	.58	.456	.26	.16

DIODES INC. TVS DIODES

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Reverse Standoff Voltage (V)	Power Rating (W)	Breakdown Voltage (V)		Reverse Leakage Current Max. (µA)	Camping Voltage Max. (V)	Price Each			
					Min.	Max.			1	10	100	500
621-DFLT12A-7	DFLT12A-7	POWERDI-123	12	225	13.3	14.7	2.5	13.9	.66	.52	.342	.228
621-DFLT13A-7	DFLT13A-7	POWERDI-123	13	225	14.4	15.9	1	21.5	.66	.528	.342	.228
621-SD05-7	SD05-7	SOD-323	5	350	6.2	7.3	10	14.5	.44	.30	.192	.108
621-SMAJ5.0A-13-F	SMAJ5.0A-13-F	SMA	5	400	6.4	7.25	800	9.2	.50	.39	.27	.185
621-SMAJ5.0CA-13-F	SMAJ5.0CA-13-F	SMA	5	400	6.4	7.25	800	9.2	.57	.45	.306	.21
621-SMAJ6.0A-13-F	SMAJ6.0A-13-F	SMA	6	400	6.67	7.37	800	10.3	.50	.39	.27	.185
621-SMAJ10A-13-F	SMAJ10A-13-F	SMA	10	400	11.1	12.3	5	17	.50	.39	.27	.185
621-SMAJ10CA-13-F	SMAJ10CA-13-F	SMA	10	400	11.1	12.3	10	17	.50	.39	.297	.232
621-SMAJ12A-13-F	SMAJ12A-13-F	SMA	12	400	13.3	14.7	5	19.9	.50	.39	.27	.185
621-SMAJ14CA-13-F	SMAJ14CA-13-F	SMA	14	400	15.6	17.2	5	23.2	.57	.45	.306	.21
621-SMAJ15A-13-F	SMAJ15A-13-F	SMA	15	400	16.7	18.5	5	24.4	.50	.39	.27	.185
621-SMAJ15CA-13-F	SMAJ15CA-13-F	SMA	15	400	16.7	18.5	5	24.4	.50	.36	.297	.22
621-SMAJ18A-13-F	SMAJ18A-13-F	SMA	18	400	20	22.1	5	29.2	.50	.39	.27	.185
621-SMAJ18CA-13-F	SMAJ18CA-13-F	SMA	18	400	20	22.1	5	29.2	.57	.45	.306	.21
621-SMAJ20CA-13-F	SMAJ20CA-13-F	SMA	20	400	22.2	24.5	5	32.4	.57	.45	.306	.21
621-SMAJ24A-13-F	SMAJ24A-13-F	SMA	24	400	26.7	29.5	5	38.9	.50	.39	.27	.185
621-SMAJ24CA-13-F	SMAJ24CA-13-F	SMA	24	400	26.7	29.5	5	38.9	.57	.45	.306	.21
621-SMAJ26A-13-F	SMAJ26A-13-F	SMA	26	400	28.9	31.9	5	42.1	.50	.39	.27	.185
621-SMAJ28A-13-F	SMAJ28A-13-F	SMA	28	400	31.1	34.4	5	45.4	.50	.39	.27	.185
621-SMAJ28CA-13-F	SMAJ28CA-13-F	SMA	28	400	31.1	34.4	5	45.4	.57	.45	.306	.21
621-SMAJ30CA-13-F	SMAJ30CA-13-F	SMA	30	400	33.3	36.8	5	48.4	.57	.45	.306	.21
621-SMAJ33CA-13-F	SMAJ33CA-13-F	SMA	33	400	36.7	40.6	5	53.3	.60	.46	.323	.232
621-SMAJ36CA-13-F	SMAJ36CA-13-F	SMA	36	400	40	44.2	5	58.1	.57	.45	.306	.21
621-SMAJ40CA-13-F	SMAJ40CA-13-F	SMA	40	400	44.4	49.1	5	64.5	.60	.46	.323	.232
621-SMAJ48A-13-F	SMAJ48A-13-F	SMA	48									