

ON SEMICONDUCTOR Transient Voltage Suppressors

ON Semiconductor®



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UNIDIRECTIONAL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR) Typ. (V)	PPK Max. (W)	VRWM Max. (V)	IR Max. (µA)	VC Max. (V)	Price Each			
								1	10	100	1000
863-ESD8008MUTAG	ESD8008MUTAG	UDFN-14	3.3	-	3.3	0.5	8	.74	.58	.374	.299
863-ESD7004MUTAG	ESD7004MUTAG	UDFN-10	5.5	-	5	1	10	.43	.361	.22	.17
863-ESD8040MUTAG	ESD8040MUTAG	UDFN-18	5.5	-	3.3	1	12.9	1.31	1.12	.86	.60
863-NZQA5V6AXV5T1G	NZQA5V6AXV5T1G	SOT-563	5.6	20	3	1	13	.43	.331	.179	.134
863-NZQA5V6XV5T1G	NZQA5V6XV5T1G	SOT-553	5.6	100	3	1	10.5	.40	.266	.148	.108
863-MMQA5V6T1G	MMQA5V6T1G	SC-74	5.6	150	-	2	8	.39	.28	.129	.099
863-ESDR0502NMUTBG	ESDR0502NMUTBG	UDFN-6	6	100	5.5	1	8KV	.36	.28	.152	.114
863-NUP4114HMR6T1G	NUP4114HMR6T1G	TSOP	6	-	5	1	12.1	.46	.306	.17	.124
863-NUP4114UPXV6T1G	NUP4114UPXV6T1G	SOT-563	6	-	5	1	11.2	.58	.433	.272	.204
863-SMDA0502CDR2G	SMDA0502CDR2G	SOIC-8	6	300	5	20	11	1.69	1.43	1.15	.834
863-1N5908G	1N5908G	Mosorb	6	1500	5	300	8.5	.62	.519	.316	.244
863-1N6373G	1N6373G	Mosorb	6	1500	5	300	9.4	.62	.519	.316	.244
863-NZQA6V8XV5T1G	NZQA6V8XV5T1G	SOT-553	6.6	100	4.3	0.1	12.5	.34	.266	.144	.108
863-SA5.0AG	SA5.0AG	Mosorb MINI	6.7	500	5	600	9.2	.46	.357	.193	.145
863-1SMB5.0AT3G	1SMB5.0AT3G	SMB	6.7	600	5	800	9.2	.42	.28	.156	.114
863-SD05T1G	SD05T1G	SOD-323	6.75	350	5	10	14.5	.51	.291	.125	.096
863-NSQA6V8AW5T2G	NSQA6V8AW5T2G	SOT-353	6.8	20	5	1	13	.34	.266	.144	.108
863-MMQA6V8T1G	MMQA6V8T1G	SC-74	6.8	150	-	0.5	9.8	.38	.267	.123	.094
863-P6SMB6.8AT3G	P6SMB6.8AT3G	SMB	6.8	600	5.8	1000	10.5	.44	.295	.165	.12
863-P6KE6.8AG	P6KE6.8AG	Surmetic 40	6.8	600	5.8	1000	10.5	.43	.331	.18	.135
863-1.5KE6.8AG	1.5KE6.8AG	Mosorb	6.8	1500	5.8	1000	10.5	.63	.523	.319	.247
863-1N6267AG	1N6267AG	Mosorb	6.8	1500	5.8	1000	10.5	.62	.519	.316	.244
863-ESD8004MUTAG	ESD8004MUTAG	UDFN-10	7	-	3.3	1	8	.62	.484	.312	.25
863-1SMB6.0AT3G	1SMB6.0AT3G	SMB	7.02	600	6	800	10.3	.55	.326	.154	.118
863-1SMB6.5AT3G	1SMB6.5AT3G	SMB	7.6	600	6.5	500	11.2	.55	.326	.154	.118
863-1SMB7.0AT3G	1SMB7.0AT3G	SMB	8.19	600	7	200	12	.46	.326	.15	.115
863-P6KE10AG	P6KE10AG	Surmetic 40	10	600	8.55	10	14.5	.43	.331	.18	.135
863-1SMB9.0AT3G	1SMB9.0AT3G	SMB	10.55	600	9	50	15.4	.55	.326	.154	.118
863-1SMB10AT3G	1SMB10AT3G	SMB	11.7	600	10	5	17	.46	.326	.15	.115
863-NSQA12VAW5T2G	NSQA12VAW5T2G	SOT-353	12	20	9	0.05	23	.40	.266	.148	.108
863-P6SMB13AT3G	P6SMB13AT3G	SMB	13	600	11.1	5	18.2	.44	.295	.165	.12
863-ESD9X12ST5G	ESD9X12ST5G	SOD-923	13.5	140	12	1	23.7	.27	.186	.078	.053
863-SA12AG	SA12AG	Mosorb MINI	14	500	12	1	19.9	.48	.37	.201	.15
863-1SMB12AT3G	1SMB12AT3G	SMB	14	600	12	50	19.9	.42	.28	.156	.114
863-P6KE15AG	P6KE15AG	Surmetic 40	15	600	12.8	5	21.2	.51	.39	.211	.159
863-1SMB13AT3G	1SMB13AT3G	SMB	15.15	600	13	5	21.5	.42	.28	.156	.114
863-1.5KE16AG	1.5KE16AG	Mosorb	16	1500	13.6	5	22.5	.64	.534	.325	.251
863-SA15AG	SA15AG	Mosorb MINI	17.6	500	15	1	24.4	.46	.357	.193	.145
863-1SMB15AT3G	1SMB15AT3G	SMB	17.6	600	15	5	24.4	.42	.28	.156	.114
863-1N6377G	1N6377G	Mosorb	17.6	1500	15	2	25	.62	.519	.316	.244
863-P6KE18AG	P6KE18AG	Surmetic 40	18	600	15.3	5	25.2	.43	.331	.18	.135
863-1.5KE18AG	1.5KE18AG	Mosorb	18	1500	15.3	5	25.2	.60	.498	.304	.235
863-1N6277AG	1N6277AG	Mosorb	18	1500	15.3	5	25.2	.64	.531	.324	.25
863-1SMB16AT3G	1SMB16AT3G	SMB	19.7	600	16	50	26	.55	.326	.154	.118
863-1SMB18AT3G	1SMB18AT3G	SMB	21.05	600	18	5	29.2	.42	.28	.156	.114
863-1SMB20AT3G	1SMB20AT3G	SMB	23.35	600	20	5	32.4	.55	.326	.154	.118
863-1SMB22AT3G	1SMB22AT3G	SMB	25.65	600	22	50	35.5	.55	.326	.154	.118
863-P6SMB27AT3G	P6SMB27AT3G	SMB	27	600	23.1	5	37.5	.37	.285	.155	.116
863-1SMB24AT3G	1SMB24AT3G	SMB	28.1	600	24	5	38.9	.55	.326	.154	.118
863-P6SMB30AT3G	P6SMB30AT3G	SMB	30	600	25.6	5	41.4	.37	.285	.155	.116
863-1N6282AG	1N6282AG	Mosorb	30	1500	25.6	5	41.4	.63	.523	.319	.247
863-1SMB26AT3G	1SMB26AT3G	SMB	30.4	600	26	5	42.1	.55	.326	.154	.118
863-1SMB28AT3G	1SMB28AT3G	SMB	32.75	600	28	5	45.4	.55	.326	.154	.118
863-P6SMB33AT3G	P6SMB33AT3G	SMB	33	600	28.2	5	45.7	.44	.295	.165	.12
863-1.5KE33AG	1.5KE33AG	Mosorb	33	1500	28.2	5	45.7	.58	.486	.313	.251
863-1SMB30AT3G	1SMB30AT3G	SMB	35.05	600	30	5	48.4	.42	.28	.156	.114
863-P6SMB36AT3G	P6SMB36AT3G	SMB	36	600	30.8	5	49.9	.44	.295	.165	.12
863-P6KE36AG	P6KE36AG	Surmetic 40	36	600	30.8	5	49.9	.43	.331	.18	.135
863-1.5KE36AG	1.5KE36AG	Mosorb	36	1500	30.8	50	49.9	.64	.531	.324	.25
863-1N6284AG	1N6284AG	Mosorb	36	1500	30.8	50	49.9	.64	.533	.325	.251
863-1SMB33AT3G	1SMB33AT3G	SMB	38.65	600	33	5	53.3	.42	.28	.156	.114
863-P6SMB39AT3G	P6SMB39AT3G	SMB	39	600	33.3	5	53.9	.44	.295	.165	.12
863-P6KE39AG	P6KE39AG	Surmetic 40	39	600	33.3	5	53.9	.43	.331	.18	.135
863-1N6285AG	1N6285AG	Mosorb	39	1500	33.3	5	53.9	.62	.519	.316	.244
863-1SMB36AT3G	1SMB36AT3G	SMB	42.1	600	36	5	58.1	.46	.326	.15	.115
863-1N6380G	1N6380G	Mosorb	42.4	1500	36	2	65.2	.60	.502	.324	.259
863-1N6286AG	1N6286AG	Mosorb	43	1500	36.8	5	59.3	.60	.503	.325	.26
863-1SMB40AT3G	1SMB40AT3G	SMB	46.75	600	40	5	64.5	.55	.326	.154	.118
863-1SMB43AT3G	1SMB43AT3G	SMB	50.3	600	43	5	69.4	.55	.326	.154	.118
863-P6SMB51AT3G	P6SMB51AT3G	SMB	51	600	43.6	50	70.1	.42	.285	.159	.116
863-P6KE51AG	P6KE51AG	Surmetic 40	51	600	43.6	5	70.1	.43	.331	.18	.135
863-1N6288AG	1N6288AG	Mosorb	51	1500	43.6	5	70.1	.60	.502	.324	.259
863-1SMB51AT3G	1SMB51AT3G	SMB	59.7	600	51	5	82.4	.46	.326	.15	.115
863-P6SMB62AT3G	P6SMB62AT3G	SMB	62	600	53	50	85	.37	.285	.155	.116
863-1SMB54AT3G	1SMB54AT3G	SMB	63.15	600	54	5	87.1	.55	.326	.154	.118
863-1SMB58AT3G	1SMB58AT3G	SMB	67.8	600	58	5	93.6	.42	.28	.156	.114
863-P6SMB68AT3G	P6SMB68AT3G	SMB	68	600	58.1	5	92	.44	.295	.165	.12
863-1SMB60AT3G	1SMB60AT3G	SMB	70.2	600	60	50	96.8	.42	.28	.156	.114
863-1SMB70AT3G	1SMB70AT3G	SMB	81.9	600	70	5	113	.55	.326	.154	.118
863-P6SMB150AT3G	P6SMB150AT3G	SMB	150	600	128	5	207	.40	.308	.167	.125
863-P6SMB160AT3G	P6SMB160AT3G	SMB	160	600	136	5	219	.40	.308	.167	.125
863-P6SMB180AT3G	P6SMB180AT3G	SMB	180	600	154	50	246	.40	.308	.167	.125
863-1SMB170AT3G	1SMB170AT3G	SMB	199	600	170	5	275	.43	.335	.181	.136
863-P6SMB200AT3G	P6SMB200AT3G	SMB	200	600	171	50	274	.40	.308	.167	.125
863-P6KE200AG	P6KE200AG	Surmetic 40	200	600	171	5	274	.40	.332	.202	.156

BIDIRECTIONAL

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MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V _{BR} (Typ.) (V)	PPK (Max.) (W)	VRWM (Max.) (V)	IR (Max.) (µA)	VC (Max.) (V)	Price Each			
								1	10	100	1000
863-ESD5205P6T6G	ESD5205P6T6G	SOT-963-6	5.5	18	5	1	9	.46	.347	.218	.163
863-ESD5481MUT5G	ESD5481MUT5G	X3DFN-2	5.7	0.3	5	1	12.5	.35	.243	.101	.069
863-ESD11B5.0ST5G	ESD11B5.0ST5G	DSN2	5.8	-	5	1	10	.36	.258	.118	.091
863-ESD7481MUT5G	ESD7481MUT5G	X3DFN-2	6	0.25	3.3	0.05	10	.37	.288	.156	.117
863-ESD8011MUT5G	ESD8011MUT5G	X3DFN-2	7.3	34	5.5	1	19	.45	.35	.19	.142
863-SD12CT1G	SD12CT1G	SOD-323	13.3	350	12	1	19	.40	.266	.148	.108