

FAIRCHILD TVS

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Products may be RoHS compliant. Check mouser.com for RoHS status.

ESD SUPPRESSOR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	No. of Channels	Breakdown Voltage (V)	Capacitance Voltage (pF)	Power Dissipation (mW)	Clamping Voltage (V)	ESD Capability	Price Each			
									1	10	100	1000
512-FESD05P30ZL	FESD05P30ZL	SOD-882	1	6.2	31	250	8.8	±30kV	.29	.198	.082	.056

TRANSIENT VOLTAGE SUPPRESSORS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Configuration	Vrwm	Vbr Breakdown		Test Condition It	Vc Max. Clamping Volt. at Ippm	Ipp Max. Peak Pulse Surge Current	Ir Max. Reverse Leakage at Vrwm	Pppm	Price Each		
					Min.	Max.						1	10	100
◆ 512-SMBJ5V0CA	SMBJ5V0CA	SMB	Bi-Directional	5	6.4	7	10	9.2	65.2	1600	600	.44	.34	.184
◆ 512-SMCJ6V5CA	SMCJ6V5CA	SMC-2	Bi-Directional	6.5	7.22	7.98	10	11.2	133.9	1000	1500	.79	.615	.397
◆ 512-SMBJ12CA	SMBJ12CA	SMB	Bi-Directional	12	13.3	14.7	1	19.9	30.2	5	600	.57	.337	.159
◆ 512-SMCJ12CA	SMCJ12CA	SMC-2	Bi-Directional	12	13.3	14.7	1	19.9	75.3	5	1500	.51	.43	.262
◆ 512-P6KE15CA	P6KE15CA	DO-15	Bi-Directional	12.8	14.3	15.8	1	21.2	28	5	600	.44	.366	.223
◆ 512-SMCJ14CA	SMCJ14CA	SMC-2	Bi-Directional	14	15.6	17.2	1	23.2	64.7	5	1500	.58	.484	.295
◆ 512-SMBJ15CA	SMBJ15CA	SMB-2	Bi-Directional	15	16.7	18.5	1	24.4	24.6	5	600	.47	.337	.155
◆ 512-P6KE18CA	P6KE18CA	DO-15	Bi-Directional	15.3	17.1	18.9	1	25.2	24	5	600	.49	.366	.23
◆ 512-P6KE20CA	P6KE20CA	DO-15	Bi-Directional	17.1	19	21	1	27.7	22	5	600	.44	.366	.223
◆ 512-SMBJ20CA	SMBJ20CA	SMB	Bi-Directional	20	22.2	24.5	1	32.4	18.5	5	600	.47	.337	.155
◆ 512-SMBJ24CA	SMBJ24CA	SMB	Bi-Directional	24	26.7	29.5	1	38.9	15.4	5	600	.47	.337	.155
◆ 512-SMCJ24CA	SMCJ24CA	SMC-2	Bi-Directional	24	26.7	29.5	1	38.9	38.6	5	1500	.51	.43	.262
◆ 512-SMBJ28CA	SMBJ28CA	SMB-2	Bi-Directional	28	31.1	34.4	1	45.4	13.2	5	600	.47	.337	.155
◆ 512-SMCJ28CA	SMCJ28CA	SMC	Bi-Directional	28	31.1	34.4	1	45.4	33	5	1500	.51	.43	.262
◆ 512-SMCJ30CA	SMCJ30CA	DO-214AB	Bi-Directional	30	33.3	36.8	1	48.4	31	5	1500	.51	.43	.262
◆ 512-SMBJ30CA	SMBJ30CA	SMB-2	Bi-Directional	30	34.3	36.8	1	48.4	12.4	5	600	.47	.337	.155
◆ 512-SMBJ33CA	SMBJ33CA	SMB-2	Bi-Directional	33	36.7	40.6	1	53.3	11.3	5	600	.47	.337	.155
◆ 512-SMCJ33CA	SMCJ33CA	DO-214AB	Bi-Directional	33	36.7	40.6	1	53.3	28.1	5	1500	.51	.43	.262
◆ 512-SMBJ13CA	SMBJ13CA	DO-214AA	Bi-Directional	36	40	44.2	1	58.1	10.3	5	600	.47	.337	.155
◆ 512-SMBJ36CA	SMBJ36CA	DO-214AA	Bi-Directional	36	40	44.2	1	58.1	10.3	5	600	.47	.337	.155
◆ 512-SMCJ36CA	SMCJ36CA	SMC-2	Bi-Directional	36	40	44.2	1	58.1	25.8	5	1500	.52	.433	.264
◆ 512-P6KE22CA	P6KE22CA	DO-15	Bi-Directional	53	58.9	65.1	1	85	7.1	5	600	.49	.366	.23
◆ 512-SMBJ58CA	SMBJ58CA	SMB	Bi-Directional	58	64.4	71.2	1	93.6	6.4	5	600	.47	.337	.155
◆ 512-SMCJ75CA	SMCJ75CA	DO-214AB	Bi-Directional	75	83.3	92.1	1	121	12.4	5	1500	.51	.43	.262
◆ 512-SMCJ78CA	SMCJ78CA	SMC-2	Bi-Directional	78	86.7	95.8	1	126	11.9	5	1500	.51	.43	.262
◆ 512-SMBJ100CA	SMBJ100CA	SMB-2	Bi-Directional	100	111	123	1	162	3.7	5	600	.47	.337	.155
◆ 512-SMCJ170CA	SMCJ170CA	SMC-2	Bi-Directional	170	189	209	1	275	5.5	5	1500	.64	.538	.328
◆ 512-P6KE200CA	P6KE200CA	DO-15	Bi-Directional	171	190	210	1	274	2.2	5	600	.49	.366	.23
◆ 512-P6KE250CA	P6KE250CA	DO-15	Bi-Directional	214	237	263	1	344	1.8	5	600	.50	.417	.254
◆ 512-P6KE300CA	P6KE300CA	DO-15	Bi-Directional	256	285	315	1	414	1.5	5	600	.62	.462	.29
◆ 512-P6KE350CA	P6KE350CA	DO-15	Bi-Directional	300	332	368	1	482	1.3	5	600	.56	.47	.286
◆ 512-1V5KE440CA	1V5KE440CA	DO-201AE	Bi-Directional	376	418	462	1	602	2.6	5	1500	.82	.707	.543
◆ 512-FR014H5JZ	FR014H5JZ	MLP-6	Reverse Bias	34	28.5	31.2	1	34	0.8	10	320	.80	.62	.40
◆ 512-SMBJ5V0A	SMBJ5V0A	SMB	Uni-Directional	5	6.4	7	10	9.2	65.2	800	600	.37	.288	.156
◆ 512-P6KE6V8A	P6KE6V8A	DO-15	Uni-Directional	5.8	6.45	7.14	10	10.5	57.1	1000	600	.40	.334	.203
◆ 512-SMBJ6V0A	SMBJ6V0A	SMB	Uni-Directional	6	6.67	7.37	10	10.3	58.3	800	600	.37	.288	.156
◆ 512-FR015L3EZ	FR015L3EZ	MLP-6	Uni-Directional	8	12	14.5	10	15	0.4	10	2.4	.49	.408	.249
◆ 512-SMBJ10A	SMBJ10A	SMB	Uni-Directional	10	11.1	12.8	1	17	35.3	5	600	.37	.288	.156
◆ 512-P6KE12A	P6KE12A	DO-15	Uni-Directional	10.2	11.4	12.6	1	16.7	36	5	600	.41	.345	.21
◆ 512-P6KE120A	P6KE120A	DO-15	Uni-Directional	10.2	114	126	1	16.7	36	5	600	.41	.345	.21
◆ 512-SMBJ12A	SMBJ12A	SMB	Uni-Directional	12	13.3	14.7	1	19.9	30.2	5	600	.47	.333	.153
◆ 512-SMCJ12A	SMCJ12A	SMC	Uni-Directional	12	13.3	14.7	1	19.9	75.3	5	1500	.44	.37	.226
◆ 512-P6KE15A	P6KE15A	DO-15	Uni-Directional	12.8	14.3	15.8	1	21.2	28	5	600	.46	.353	.192
◆ 512-SMCJ13A	SMCJ13A	SMC-2	Uni-Directional	13	14.4	15.9	1	21.5	69.8	5	1500	.44	.368	.224
◆ 512-SMBJ14A	SMBJ14A	SMB	Uni-Directional	14	15.6	17.2	1	23.2	25.9	5	600	.42	.297	.137
◆ 512-SMBJ15A	SMBJ15A	SMB	Uni-Directional	15	16.7	18.5	1	24.4	24.6	5	600	.42	.297	.137
◆ 512-SMBJ16A	SMBJ16A	SMB	Uni-Directional	16	17.8	19.7	1	26	23.1	5	600	.42	.297	.137
◆ 512-SMBJ17A	SMBJ17A	SMB	Uni-Directional	17	18.9	20.9	1	27.6	21.7	5	600	.42	.297	.137
◆ 512-P6KE20A	P6KE20A	DO-15	Uni-Directional	17.1	19	21	1	27.7	22	5	600	.41	.345	.21
◆ 512-SMBJ18A	SMBJ18A	SMB	Uni-Directional	18	20	22.1	1	29.2	20.5	5	600	.42	.297	.137
◆ 512-SMCJ18A	SMCJ18A	SMC	Uni-Directional	18	20	22.1	1	29.2	51.4	5	1500	.44	.368	.224
◆ 512-P6KE22A	P6KE22A	DO-15	Uni-Directional	18.8	20.9	23.1	1	30.6	20	5	600	.41	.345	.21
◆ 512-SMBJ20A	SMBJ20A	SMB	Uni-Directional	20	22.2	24.5	1	32.4	18.5	5	600	.42	.297	.137
◆ 512-P6KE24A	P6KE24A	DO-15	Uni-Directional	20.5	22.8	25.2	1	33.2	18.1	5	600	.41	.345	.21
◆ 512-SMCJ22A	SMCJ22A	SMC	Uni-Directional	22	24.4	26.9	1	35.5	42.3	5	1500	.44	.368	.224
◆ 512-SMCJ24A	SMCJ24A	SMC	Uni-Directional	24	26.7	29.5	1	38.9	38.6	5	1500	.44	.37	.225
◆ 512-P6KE30A	P6KE30A	DO-15	Uni-Directional	25.6	28.5	31.5	1	41.4	14.5	5	600	.48	.369	.20
◆ 512-SMBJ26A	SMBJ26A	SMB	Uni-Directional	26	28.9	31.9	1	42.1	14.3	5	600	.42	.297	.137
◆ 512-P6KE33A	P6KE33A	DO-15	Uni-Directional	28.2	31.4	34.7	1	45.7	13.2	5	600	.46	.353	.192
◆ 512-SMCJ30A	SMCJ30A	DO-214AB	Uni-Directional	30	33.3	36.8	1	48.4	31	5	1500	.44	.37	.225
◆ 512-SMCJ33A	SMCJ33A	SMC-2	Uni-Directional	33	36.7	40.6	1	53.3	28.1	5	1500	.44	.37	.225
◆ 512-P6KE39A	P6KE39A	DO-15	Uni-Directional	33.3	37.1	41	1	53.9	11.2	5	600	.46	.353	.192
◆ 512-SMBJ36A	SMBJ36A	SMB	Uni-Directional	36	40	44.2	1	58.1	10.3	5	600	.38	.268	.123
◆ 512-SMCJ36A	SMCJ36A	SMC	Uni-Directional	36	40	44.2	1	58.1	25.8	5	1500	.50	.417	.254
◆ 512-SMBJ40A	SMBJ40A	SMB	Uni-Directional	40	44.4	49.1	1	64.5	9.3	5	600	.43	.304	.139
◆ 512-SMBJ48A	SMBJ48A	SMB-2	Uni-Directional	48	53.3	58.9	1	77.4	7.8	5	600	.42	.297	.137
◆ 512-SMBJ51A	SMBJ51A	SMB	Uni-Directional	51	56.7	62.7	1	82.4	7.3	5	600	.42	.297	.137
◆ 512-P6KE62A	P6KE62A	DO-15	Uni-Directional	53	58.9	65.1	1	85	7.1	5	600	.53	.353	.197
◆ 512-SMCJ54A	SMCJ54A	SMC-2	Uni-Directional	54	60	66.3	1	87.1	17.2	5	1500	.44	.368	.224
◆ 512-SMCJ70A	SMCJ70A	SMC-2	Uni-Directional	70	77.8	86	1	113	13.3	5	1500	.50	.417	.254
◆ 512-SMBJ75A	SMBJ75A	SMB	Uni-Directional	75	83.3	92.1	1	121	5	5	600	.42	.297	.137
◆ 512-SMCJ75A	SMCJ75A	SMC-2	Uni-Directional	75	83.3	92.1	1	121	12.4	5	1500	.44	.37	.225
◆ 512-SMBJ150A	SMBJ150A	SMB	Uni-Directional	150	167	185	1	243	2.5	5	600	.45	.319	.146
◆ 512-P6KE180A	P6KE180A	DO-15	Uni-Directional	154	171	189	1	246	2.4	5	600	.46	.353	.192
◆ 512-SMCJ170A	SMCJ170A	SMC	Uni-Directional	170	189	209	1	275	5.5	5	1500	.50	.417	.254
◆ 512-P6KE200A	P6KE200A	DO-15	Uni-Directional	171	190	210	1	274	2.2	5	600	.46	.353	.192
◆ 512-P6KE250A	P6KE250A	DO-15	Uni-Directional	214	237	263	1	344	1.8	5	600	.46	.353	.192
◆ 512-P6KE350A	P6KE350A	DO-15	Uni-Directional	300	332	368	1	482	1.3	5	600	.48	.362	.228
◆ 512-P6KE440A	P6KE440A	DO-15	Uni-Directional	376	418	462	1	602	1	5	600	.45	.379	.231