



ESD Protection Diodes



Fig.	Package	No. of Protected Lines		IRM @ VRWM Max. (µA)	Cline Typ. (pF)	ESD (kV)	Digi-Key Part No.	Cut Tape Pricing		Tape and Reel†		NXP Part No.			
		Uni- directional	Bi- directional					25	100	Qty.	Pricing				
1	SOD-323	—	1	2	3.3	101	30	568-4040-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD3V3L1BA,115	
	SOD-323	1	—	0.1	3.3	2.6	9	568-4667-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD3V3U1UA,115	
	SOD-323	—	1	1	5	75	30	568-4049-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD5V0L1BA,115	
	SOD-323	—	1	0.1	5	2.9	10	568-4294-1-ND	.63	10.99	37.69	3,000	177.28/M	PESD5V0U1BA,115	
	SOD-323	—	1	0.5	5	45	30	568-4053-1-ND	.70	10.26	33.08	3,000	111.84/M	PESD5V0S1BA,115	
	SOD-323	1	—	0.1	5	2	9	568-4670-1-ND	.70	10.26	33.08	3,000	123.74/M	PESD5V0U1UA,115	
	SOD-323	—	1	0.05	12	19	30	568-4022-1-ND	.70	10.26	33.08	3,000	123.74/M	PESD12VL1BA,115	
	SOD-323	—	1	0.05	15	16	30	568-4027-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD15VL1BA,115	
	SOD-323	—	1	0.05	24	11	23	568-4034-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD24VL1BA,115	
	SOD-523	1	—	2	3.3	207	30	568-4044-1-ND	.71	9.98	30.34	3,000	101.13/M	PESD3V3S1UB,115	
	SOD-523	1	—	0.1	3.3	2.6	9	568-4668-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD3V3U1UB,115	
	SOD-523	—	1	0.1	5	45	30	568-4054-1-ND	.63	9.22	29.74	3,000	126.12/M	PESD5V0S1BB,115	
	SOD-523	—	1	0.1	5	2.9	10	568-4295-1-ND	.63	10.99	37.69	3,000	177.28/M	PESD5V0U1BB T/R	
	SOD-523	—	1	0.1	5	152	30	568-4055-1-ND	.71	9.98	30.34	3,000	101.13/M	PESD5V0S1UB,115	
	SOD-523	1	—	0.1	5	2	9	568-4671-1-ND	.70	10.26	33.08	3,000	123.74/M	PESD5V0U1UB,115	
	SOD-523	1	—	0.05	24	23	23	568-4036-1-ND	.71	9.98	30.34	3,000	101.13/M	PESD24VS1UB,115	
	SOD-523	1	—	0.05	15/24	17	23	568-4033-1-ND†	.70	10.26	33.08	3,000	111.84/M	PESD1LN,115	
	SOD-523	1	—	0.1	5	25	26	568-4806-1-ND	.56	8.02	25.65	3,000	104.70/M	PESD5V0L1UB,115	
	2	SOD-882	1	—	0.1	3.3	2.6	9	568-4669-1-ND	.62	9.04	29.15	10,000	90.43/M	PESD3V3U1UL,315
		SOD-882	1	—	0.1	5	2	9	568-4672-1-ND	.70	10.26	33.08	10,000	102.32/M	PESD5V0U1UL,315
		SOD-882	—	1	0.1	5	0.9	9	568-4674-1-ND	.65	11.46	39.26	10,000	189.18/M	PESD5V0X1BL,315
SOD-882		1	—	0.05	12	38	30	568-4797-1-ND	.71	9.98	30.34	10,000	80.91/M	PESD12VS1UL,315	
SOD-882		—	1	0.1	5	35	30	568-4801-1-ND	.74	12.00	39.44	10,000	115.41/M	PESD5V0S1BL,315	
SOD-882		1	—	1	5	152	30	568-4802-1-ND	.63	9.22	29.74	10,000	92.81/M	PESD5V0S1UL,315	
SOD-882		—	1	0.1	5	2.9	10	568-4803-1-ND	.57	9.42	30.95	10,000	115.41/M	PESD5V0U1BL,315	
SOD-882		—	1	0.1	3.3	1.3	9	568-4805-1-ND	1.05	20.23	71.39	10,000	309.34/M	PESD3V3X1BL,315	
SOD-882		1	—	0.1	5	25	26	568-4807-1-ND	.61	8.82	28.44	10,000	88.05/M	PESD5V0L1UL,315	
3		SOT-23	—	2	2	3.3	101	30	568-4041-1-ND▲	.65	11.46	39.26	3,000	192.74/M	PESD3V3L2BT,215
		SOT-23	—	2	1	5	75	30	568-4050-1-ND▲	.62	10.81	37.06	3,000	180.85/M	PESD5V0L2BT,215
		SOT-23	—	2	0.1	5	35	30	568-4056-1-ND	.59	10.30	35.34	3,000	166.57/M	PESD5V0S2BT,215
		SOT-23	—	2	0.05	12	19	30	568-4023-1-ND▲	.59	10.30	35.34	3,000	195.12/M	PESD12VL2BT,215
		SOT-23	—	2	0.05	15	16	30	568-4028-1-ND▲	.59	10.30	35.34	3,000	195.12/M	PESD15VL2BT,215
		SOT-23	—	2	0.05	24	11	23	568-4035-1-ND▲	.65	11.46	39.26	3,000	192.74/M	PESD24VL2BT,215
	SOT-23	—	2	0.05	24	11	23	568-4032-1-ND†	.70	10.26	33.08	3,000	98.75/M	PESD1CAN,215	
	SOT-23	2	1	2	3.3	207	30	568-4046-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD3V3S2UT,215	
	SOT-23	1	—	2	3.3	1.5	30	568-4047-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD3V3U1UT,215	
	SOT-23	2	1	1	5	152	30	568-4060-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD5V2S2UT,215	
	SOT-23	1	—	0.05	5	1.5	30	568-4058-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD5V0U1UT,215	
	SOT-23	2	1	1	5	0.9	9	568-4676-1-ND	.87	16.86	59.50	3,000	337.90/M	PESD5V0X1BT,215	
	SOT-23	2	1	1	12	38	30	568-4025-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD12VS2UT,215	
	SOT-23	1	—	0.05	12	1.5	30	568-4026-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD12VU1UT,215	
	SOT-23	2	1	1	15	32	30	568-4030-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD15VS2UT,215	
	SOT-23	1	—	0.05	15	1.5	30	568-4031-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD15VU1UT,215	
	SOT-23	2	1	1	24	23	23	568-4038-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD24VS2UT,215	
	SOT-23	1	—	0.05	24	1.5	23	568-4039-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD24VU1UT,215	
	SOT-23	2	—	2	3.3	207	30	568-4045-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD3V3S2UAT,215	
	SOT-23	2	—	1	5	152	30	568-4057-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD5V0S2UAT,215	
	SOT-23	2	—	0.05	12	38	30	568-4024-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD12VS2UAT,215	
	SOT-23	2	—	0.05	15	32	30	568-4029-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD15VS2UAT,215	
	SOT-23	2	—	0.05	24	23	23	568-4037-1-ND▲	.63	9.22	29.74	3,000	126.12/M	PESD24VS2UAT,215	
	SOT-23	5	4	0.01	24	30	30	568-4147-1-ND†	.63	9.22	29.74	3,000	126.12/M	PESD2CAN,215	
	SOT-23	—	2	0.1	5	2.9	10	568-4296-1-ND	.64	10.60	34.80	3,000	136.83/M	PESD5V0U2BT,215	
	SOT-663	2	1	0.1	3.3	200	30	568-4519-1-ND	.63	9.22	29.74	4,000	126.12/M	PESD3V3S2UQ,115	
	SOT-663	2	1	0.3	5	150	30	568-4521-1-ND	.63	9.22	29.74	4,000	126.12/M	PESD5V0S2UQ,115	
SOT-663	2	1	0.1	5	0.9	9	568-4675-1-ND	.87	16.86	59.50	4,000	337.90/M	PESD5V0X1BQ,115		
4	SOT-323	2	—	0.43	5	38	30	568-4808-1-ND	.62	9.04	29.15	3,000	104.70/M	PESD5V0L2UJ,115	
	SOT-883	2	1	0.025	5	8	15	568-4798-1-ND	.64	9.83	33.69	10,000	151.10/M	PESD5V0L2UM,315	
	SOT-883	2	—	0.1	5	2.9	10	568-4809-1-ND	.65	10.79	35.15	10,000	145.16/M	PESD5V0U2BM,315	
5	SOT-143B	2	—	0.1	5.5	1.8	12	568-4139-1-ND▲	1.58	31.23	112.43	3,000	582.99/M	PRTF5V0U2AX,215	
	SOT-143B	—	2	0.1	5.5	1	8	568-4140-1-ND▲	.73	12.72	43.62	3,000	212.97/M	PRTF5V0U2X,215	
6	SOT-353	4	3	0.3	3.3	12	20	568-4042-1-ND	.62	10.81	37.06	3,000	180.85/M	PESD3V3L4UG,115	
	SOT-353	4	—	0.3	3.3	15	12	568-4048-1-ND	.79	13.74	47.11	3,000	212.97/M	PESD3V3V4UG,115	
	SOT-353	4	3	0.025	5	8	20	568-4051-1-ND	.73	12.72	43.62	3,000	212.97/M	PESD5V0L4UG,115	
	SOT-353	4	—	0.025	5	12	12	568-4059-1-ND	.79	13.74	47.11	3,000	192.74/M	PESD5V0V4UG,115	
	SOT-363	5	4	0.3	3.3	22	20	568-4043-1-ND	.73	12.60	43.19	3,000	239.15/M	PESD3V3L5UY,115	
7	SOT-363	5	4	0.025	5	22	20	568-4052-1-ND	.73	12.72	43.62	3,000	241.52/M	PESD5V0L5UY,115	
	SOT-363	5	4	0.8	3.3	215	30	568-4141-1-ND†	.73	12.72	43.62	3,000	241.52/M	PESD3V3S5UD,115	
	SOT-363	5	4	0.2	5	165	30	568-4142-1-ND†	.73	12.72	43.62	3,000	241.52/M	PESD5V0S5UD,115	
	SOT-363	5	4	0.015	12	73	30	568-4143-1-ND†	.73	12.72	43.62	3,000	241.52/M	PESD12VS5UD,115	
	SOT-363	5	4	0.015	15	60	30	568-4144-1-ND†	.73	12.72	43.62	3,000	241.52/M	PESD15VS5UD,115	
	SOT-363	5	4	0.015	24	45	23	568-4145-1-ND†	.73	12.72	43.62	3,000	241.52/M	PESD24VS5UD,115	
	SOT-457	4	3	0.8	3.3	215	30	568-4266-1-ND†	.61	10.54	36.12	3,000	170.14/M	PESD3V3S4UD,115	
	SOT-457	4	3	0.2	5	165	30	568-4267-1-ND†	.61	10.54	36.12	3,000	170.14/M	PESD5V0S4UD,115	
	SOT-457	4	3	0.015	12	73	30	568-4263-1-ND†	.61	10.54	36.12	3,000	170.14/M	PESD12VS4UD,115	
	SOT-457	4	3	0.015	15	60	30	568-4264-1-ND†	.61	10.54	36.12	3,000	170.14/M	PESD15VS4UD,115	
	SOT-457	4	3	0.015	24	45	23	568-4265-1-ND†	.61	10.54	36.12	3,000	170.14/M	PESD24VS4UD,115	
	SC-74	2	1	0.1	3	40	15	568-4146-1-ND▲							