

ESD Protection Device - Standard EPDxxxHH Series

SPECIFICATION

Part Number	Package	Peak Pulse Power	Reverse Stand-off Voltage	Breakdown Voltage		Test Current	Reverse Leakage Current	Peak Pulse Current	Max. Clamp Voltage	Junction Cap.	Circuit Code
		P_{PP}	V_{RWM}	$V_{BR} @ I_T$		I_T	$I_R @ V_{RWM}$	I_{PP}	$V_C @ I_{PP}$	C_j	
		W	V	Min. (V)	Max. (V)	m A	μA	A	V	pF	
EPD3V3D3	SOD323	210	3.3	5.00	5.90	1.0	10.00	16.0	13.00	120	S01
EPD3V3D5	SOD523	210	3.3	5.00	5.90	1.0	0.08	16.0	13.00	120	S01
EPD3V3D7	SOD723	120	3.3	5.00	5.90	1.0	2.50	9.0	13.00	110	S01
EPD3V3F1	D1006A02	210	3.3	5.00	5.90	1.0	1.00	16.0	13.00	120	S01
EPD5V0D1	SOD123	170	5.0	6.20	7.30	1.0	10.00	13.0	13.00	95	S01
EPD5V0D3	SOD323	170	5.0	6.20	7.30	1.0	10.00	13.0	13.00	95	S01
EPD5V0D5	SOD523	170	5.0	6.20	7.30	1.0	10.00	13.0	13.00	95	S01
EPD5V0D7	SOD723	170	5.0	6.20	7.30	1.0	10.00	13.0	13.00	95	S01
EPD5V0F1	D1006A02	170	5.0	6.20	7.30	1.0	1.00	13.0	13.00	95	S01
EPD7V0D5	SOD523	150	7.0	7.50	8.70	1.0	0.03	10.0	15.10	70	S01
EPD7V0D7	SOD723	150	7.0	7.50	8.70	1.0	1.00	10.0	15.10	70	S01
EPD7V0F1	D1006A02	150	7.0	7.50	8.70	1.0	1.00	10.0	15.10	70	S01
EPD12VD3	SOD323	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	S01
EPD12VD5	SOD523	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	S01
EPD12VD7	SOD723	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	S01
EPD12VF1	D1006A02	225	12.0	13.30	16.50	1.0	1.00	9.0	25.00	48	S01
EPD15VD5	SOD523	320	15.0	16.70	20.00	1.0	1.00	9.5	34.00	48	S01
EPD24VD5	SOD523	330	24.0	26.70	33.00	1.0	1.00	7.5	44.00	36	S01
EPD36VD5	SOD523	240	36.0	40.00	48.00	1.0	1.00	3.0	80.00	30	S01

ESD Protection Diodes - Bi-Direction Standard EPDBxxxHH Series

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Part Number	Package	Peak Pulse Power	Reverse Stand-off Voltage	Breakdown Voltage		Test Current	Reverse Leakage Current	Peak Pulse Current	Max. Clamp Voltage	Junction Cap.	Circuit Code
		P_{PP}	V_{RWM}	$V_{BR} @ I_T$		I_T	$I_R @ V_{RWM}$	I_{PP}	$V_C @ I_{PP}$	C_j	
		W	V	Min. (V)	Max. (V)	m A	μA	A	V	pF	
EPDB5V0D3	SOD323	120	5.0	5.80	8.80	1.0	1.00	8.0	15.00	27	D01
EPDB5V0D5	SOD523	112	5.0	5.80	8.80	1.0	1.00	8.0	14.00	27	D01
EPDB5V0F1	D1006A02	120	5.0	5.80	8.80	1.0	1.00	8.0	15.00	27	D01