

## ESD Protection Device - Bi-Direction Ultra-Low Junction Capacity ESDBUxxxHH 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	$\mu A$	A	V	pF	
EPDBU5V0D5	SOD523	75	5.0	5.40	9.40	1.0	1.00	5.0	15.00	0.5	S01
EPDBU5V0D9	SOD923	75	5.0	5.40	9.40	1.0	1.00	5.0	15.00	0.5	S01
EPDBU5V0Y1	D1006B02	75	5.0	5.40	9.40	1.0	1.00	5.0	15.00	0.5	S01

## ESD Protection Array - Standard EPAxxxHH Series

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	$\mu A$	A	V	pF	
EPA3V3AP	SOT23	210	3.3	5.00	5.90	1.0	10.00	16.0	13.00	120	D03
EPA5V0AP	SOT23	170	5.0	6.20	7.30	1.0	10.00	13.0	13.00	95	D03
EPA5V0AW	SOT323	120	5.0	5.80	8.80	1.0	1.00	8.0	15.00	27	D03
EPA5V0Q1X	SOT353	60	5.0	6.00	7.20	1.0	5.00	5.0	12.00	30	Q01
EPA5V0P4Y	SOT363	60	5.0	6.00	7.20	1.0	5.00	5.0	12.00	30	P04
EPA5V0Q1U	SOT553	60	5.0	6.00	7.20	1.0	5.00	5.0	12.00	30	Q01
EPA5V0P4V	SOT563	60	5.0	6.00	7.20	1.0	5.00	5.0	12.00	30	P04
EPA12VAP	SOT23	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	D03
EPA12VCP	SOT23	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	D02
EPA12VQ2H	SOT23-6L	220	12.0	13.30	16.50	1.0	1.00	9.0	24.00	45	Q11
EPA36VAP	SOT23	240	36.0	40.00	48.00	1.0	1.00	3.0	80.00	30	D03