

SP720



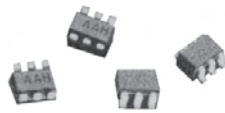
SP721

TVS DIODE ARRAYS

ELECTRONIC PROTECTION ARRAY FOR ESD AND OVERVOLTAGE PROTECTION

FEATURES: ESD interface capability for HBM standards — ML STD 3015.7: 15kV. IEC 61000-4-2, direct discharge, single input: 4kV (Level 2). Two inputs in parallel: 8kV (Level 4). IEC 61000-4-2, air discharge: 15kV (Level 4). **High peak current capacity** — IEC 61000-4-5 (8/20 μ s): \pm 3A. Single pulse, 100 μ s pulse width: \pm 2A. Single pulse, 4 μ s pulse width: \pm 5A. **Designed to provide over-voltage protection** — Single-ended voltage range to: +30V. Differential voltage range to: \pm 15V

Cat. No.	Temperature Range (°C)	Package	Pkg. No.	Net Price
SP720AP	-40 to 105	16 Ld PDIP	E16.3	\$3.91
SP720AB	-40 to 105	16 Ld SOIC	M16.15	3.91
SP720ABT	-40 to 105	16 Ld SOIC Tape and Reel	M16.15	4.07
SP721AP	-40 to 105	8 Ld PDIP	E8.3	2.70
SP721AB	-40 to 105	8 Ld SOIC	M8.15	2.70
SP721ABT	-40 to 105	8 Ld SOIC Tape and Reel	M8.15	2.87



TVS DIODE ARRAYS

SCR DIODE ARRAY FOR ESD AND TRANSIENT OVERVOLTAGE PROTECTION

FEATURES: An array of 4 SCR/Diode Pairs in 6-lead SOT-23. ESD interface capability of HBM standards — MIL STD 3015.7: >8kV. IEC 61000-4-2, direct discharge: 8kV (Level 4). IEC 61000-4-2, air discharge: 15kV (Level 4). Input protection for applications with power supplies Up to +20V (single-ended voltage), and \pm 10V (differential voltage). **Peak current capacity** — IEC 61000-4-5 (8/20 μ s): \pm 3A. Single pulse, 100 μ s pulse width: \pm 2.2A.

Cat. No.	Temperature Range (°C)	Package	Pkg. No.	Net Price
SP724AHT	-40 to 105	Tape and reel	P6.064	\$1.87



TVS DIODE ARRAYS

ELECTRONIC PROTECTION ARRAY FOR ESD AND OVERVOLTAGE PROTECTION

FEATURES: ESD interface per HBM standards - MIL STD 3015.7: 25kV. IEC 61000-4-2, direct discharge: 8kV (Level 4). IEC 61000-4-2, air discharge: 15kV (Level 4). **Peak current capacity** — IEC 61000-4-5 (8/20 μ s) peak pulse current: \pm 7A. Single transient pulse, 100 μ s pulse width: \pm 4A. **Designed to provide over-voltage protection** — Single-ended voltage range to: +30V. Differential voltage range to: \pm 15V

Cat. No.	Temperature Range (°C)	Package	Pkg. No.	Net Price
SP723AP	-40 to 105	8 Ld PDIP	E8.3	\$3.66
SP723AB	-40 to 105	8 Ld SOIC	M8.15	3.57
SP723ABT	-40 to 105	8 Ld SOIC Tape and Reel	M8.15	4.07



TVS DIODE ARRAYS

UPSTREAM USB PORT TERMINATOR WITH ESD SUPPRESSION AND EMI FILTERING

FEATURES: One upstream USB port terminator. EMI filter and transient overvoltage protector in a single surface-mount package. Compact SC70 package saves board space and lowers manufacturing costs compared to discrete solutions. ESD protection to 30 kV contact discharge per MIL-STD-883D, method 3015. ESD protection to 15 kV contact discharge per IEC 61000-4-2 international standard.

Cat. No.	R1 (Ohm)	R2 (KOhm)	C1 (pF)	Device Brand	Pkg Type	No Per Reel	Net Price
SPUSB1AJT	12	1.5	47	UFA	SC70-6	3000	\$1.00
SPUSB1BJT	22	1.5	47	UFB	SC70-6	3000	1.00
SPUSB1CJT	33	1.5	47	UFC	SC70-6	3000	1.00