



## Product Overview

### NUP4060AXV6T1G: Transient Voltage Suppressor Array

For complete documentation, see the data sheet

#### Product Description

This 4-line voltage transient suppressor array is designed for an application requiring transient voltage protection capability. It is intended for use in over-transient voltage and ESD sensitive equipment such as cell phones, portables, computers, printers and other applications. This device features a common cathode design which protects four independent lines in a single SOT-563 package.

#### Features

- Protects up to 4 Lines in a Single SOT-563 Package
- ESD Rating: IEC61000-4-2: Level 4, Contact (8 kV), Air (15 kV)
- Human Body Model (HMB); Class 3B, Machine Model (MM); 400V
- $V_{CC}$  Pin = 16 V Protection, D1, D2, and D3 Pins = 6.8 V Protection
- Low Capacitance (< 7 pF @ 3 V) for D<sub>1</sub>, D<sub>2</sub>, and D<sub>3</sub>
- This is a Pb-Free Device

#### Applications

- USB Interface
- SIM Card Protection

#### End Products

- Hand Held Portables
- Notebooks, Desktops, Servers

#### Part Electrical Specifications

Product	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	$V_{(BR)}$ Min (V)	$V_{RWM}$ Max (V)	$I_R$ Max (μA)	$P_{PK}$ Max (W)	Package Type
NUP4060AXV6T1G	AEC Qualified Pb-free Halide free	Active	General I/O	4	Unidirectional	10	6.2	5	0.5	20	SOT-563

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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