



Product Overview

NZQA6V8: Transient Voltage Suppressor, Quad Array

For complete documentation, see the data sheet

Product Description

This quad monolithic silicon voltage suppressor is designed for applications requiring transient overvoltage protection capability. It is intended for use in voltage and ESD sensitive equipment such as computers, printers, business machines, communication systems, medical equipment, and other applications. Its quad junction common anode design protects four separate lines using only one package. These devices are ideal for situations where board space is at premium.

Features

- SOT-553 Package Allows Four Separate Unidirectional Configurations
- Low Leakage < 1 uA @ 3 V for NZQA5V6XV5T1G
- Breakdown Voltage: 5.6 V @ 1 mA
- ESD Protection Meeting IEC61000-4-2-Level 4
- These are Pb-Free Devices

Benefits

- Small Package Size for High Density Applications

Applications

- ESD sensitive equipment such as computers, printers, business machines, communication systems, medical equipment, and other applications

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 (uA)	P _{PK} Max (W)	Package Type
NZQA6V8XV5T1G	AEC Qualified Pb-free Halide free	Active	General I/O	4	Unidirectional	70	6.46	4.3	0.1	100	SOT-553
SZQA6V8XV5T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	General I/O	4	Unidirectional	70	6.46	4.3	0.1	100	SOT-553

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015