



Product Overview

NZL6V8AXV3: ESD Protection Common Anode Diodes

For complete documentation, see the data sheet

Product Description

These dual monolithic silicon zener diodes are designed for applications requiring ESD protection capability. They are intended for use in voltage and ESD sensitive equipment such as computers, printers, business machines, communication systems, medical equipment and other applications. Their dual junction common anode design protects two separate lines using only one package. These devices are ideal for situations where board space is at a premium.

Features

- SC-89 Package Allows Either Two Separate Unidirectional Configurations or a Single Bidirectional Configuration.
- Standard Zener Breakdown Voltage Ranges.
- ESD Rating of Class N (exceeding 16 kV) per Human Body model and IEC61000-4-2.
- Low Leakage, less than 5.0uA.

Applications

- Voltage and 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
NZL6V8AXV3T1G	AEC Qualified Pb-free Halide free	Active	General I/O	2	Unidirectional	-	6.46	4.5	1	73	SC-89-3
NZL6V8AXV3T3G	AEC Qualified Pb-free Halide free	Active	General I/O	2	Unidirectional	-	6.46	4.5	1	73	SC-89-3

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