



Product Overview

NUP4302: Schottky Diode Array for ESD Protection

For complete documentation, see the data sheet

Product Description

The NUP4302MR6 is designed to protect high speed data line interface from ESD, EFT and lightning.

Features

- Very Low Forward Voltage Drop
- Fast Switching
- PN Junction Guard Ring for Transient and ESD Protection
- ESD Rating of Class 3B (Exceeding 8 kV) per Human Body Model and Class C (Exceeding 400 V) per Machine Model
- Compliance with: IEC6100-4-2 (ESD) 15 kV (air), 8 kV (contact)
- UL Flammability Rating of 94 V - 0
- Pb-Free Package is Available

Applications

- Ultra High - Speed Switching
- USB 1.1 and 2.0 Power and Data Line Protection
- Digital Video Interface (DVI)
- Monitors and Flat Panel Displays

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
NUP4302MR6T1G	Pb-free	Active	DVI USB 2.0	4	Bidirectional	28	30	25	30	0.225	TSOP-6

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

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