

## Product Overview

### NUP4302: Schottky Diode Array for ESD Protection

For complete documentation, see the data sheet.

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	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	V <sub>(BR)</sub> Min (V)	V <sub>RWM</sub> Max (V)	I <sub>R</sub> Max (μA)	P <sub>PK</sub> Max (W)	Package Type
NUP4302MR6T1G	0.3333	Pb-free non AEC-Q and PPAP	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](http://www.onsemi.com).

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