

Product Overview

SRDA3.3-4: Low Capacitance Surface Mount Transient Voltage Suppressor for High Speed Data Interfaces

For complete documentation, see the data sheet.

The SRDA3.3-4 transient voltage suppressor is designed to protect equipment attached to high speed communication lines from ESD and lightning.

Features

- Protects 4 I/O Lines
- Low Working Voltage: 3.3 V
- Low Clamping Voltage
- Low Capacitance (<15 pF) for High Speed Interfaces
- Peak Power - 500W 8x20us
- Transient Protection for High Speed Lines to:
 - IEC61000-4-2 (ESD) 5 kV (air), 2 kV (contact)
 - IEC61000-4-4 (EFT) 40 A
 - IEC61000-4-5 (Lightning) 25 A
- UL Flammability Rating of 94 V-0
- This is a Pb-Free Device

Applications

- High Speed Communication Line Protection
- T1/E1 Secondary Protection
- T3/E3 Secondary Protection
- Analog Video Protection
- Base Stations

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
SRDA3.3-4DR2G	Pb-free	Active	T1/E1, T3/E3	4	Unidirectional	15	5	3.3	5	500	SOIC-8

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

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