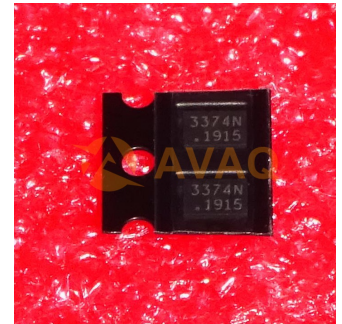


ESD Suppressor Diode Diode Array Uni-Dir 3.3V 18Vc Automotive 10-Pin SLP-N EP T/R



Images are for reference only

Manufacturer: [Semtech Corporation](#)

Package/Case: SLP3020

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

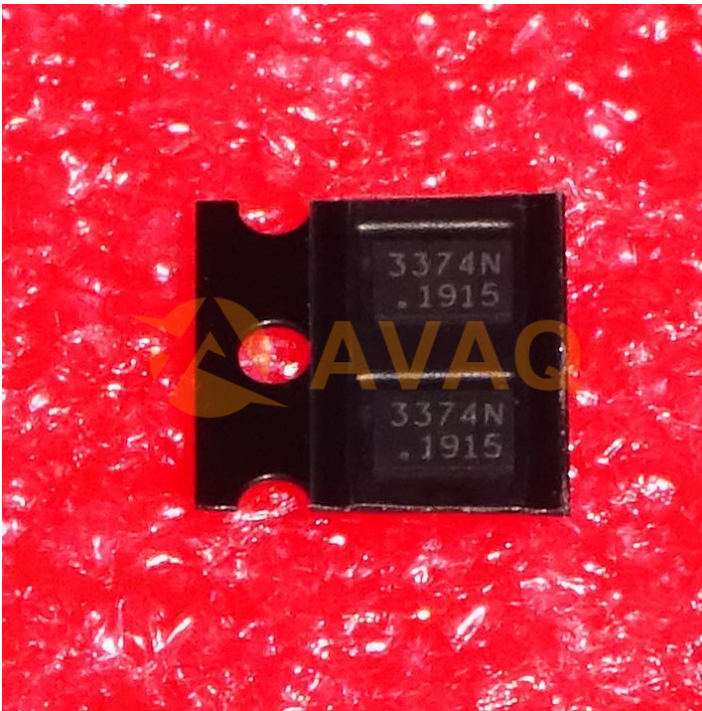
RailClamp® TVS diodes are specifically designed to protect sensitive components which are connected to high-speed data and transmission lines from overvoltage caused by ESD (electrostatic discharge), CDE (cable discharge events), and EFT (electrical fast transients).

Key Features

- Transient protection for high-speed data lines to IEC 61000-4-2 (ESD) $\pm 30\text{kV}$ (air), $\pm 30\text{kV}$ (contact)
- IEC 61000-4-4 (EFT) 40A (5/50ns)
- IEC 61000-4-5 (Lightning) 40A (8/20 μs)
- Array of surge rated diodes with internal TVS Diode
- Qualified to AEC-Q100 Grade 1 (-45 to +125oC)
- Protects up to eight lines
- Low capacitance for high-speed interfaces
- Low variation in capacitance vs. bias voltage
- Low clamping voltage
- Low operating voltage: 3.3V
- Solid-state silicon-avalanche technology

Application

- 10/100/1000 Ethernet
- Automotive
- Central Office Equipment
- LVDS Interfaces
- MagJacks / Integrated Magnetics
- Notebooks / Desktops / Servers
- Packaging
- SLP3020N10
- Order Codes
- RClamp3374N.TCT - Pb-Free, Halogen Free, RoHS/WEEE Compliant



Recommended For You

RCLAMP0504FATCT

Semtech Corporation

SC70-6

RClamp3304NATCT

Semtech Corporation

SLP2626P10

RClamp0524J.TCT

Semtech Corporation

SLP2710P8

RClamp0531T.TCT

Semtech Corporation

SLP1006P2T

RClamp0522P.TCT

Semtech Corporation

SLP1610P4

RClamp0524P.TCT

Semtech Corporation

SLP2510P8

RClamp0582N.TCT

Semtech Corporation

SLP1210N6

RClamp0521PATCT

Semtech Corporation

SLP1006P2

RClamp3654PATCT

Semtech Corporation

SLP1616P6

RClamp1521P.TCT

Semtech Corporation

SLP1006P2

RClamp0504F.TCT

Semtech Corporation

SC70-6

RClamp7534P.TNT

Semtech Corporation

SGP2010

RClamp0524PATCT

Semtech Corporation

SLP2510P8

RClamp0502A.TCT

Semtech Corporation

SC89-6

RCLAMP0504PATCT

Semtech Corporation

SLP1616P6