
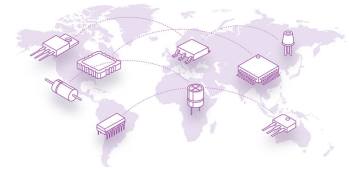


ESD Suppressor Diode Array Uni-Dir 5V 10-Pin SLP-P T/R

Manufacturer:	Semtech Corporation
Package/Case:	SLP2510P8
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

RClamp0524PATCT corresponds to a transient voltage suppressor diode manufactured by Semtech Corporation. It appears to be a slightly different variant of the previously mentioned TVS diode.

Key Features

ESD protection for high-speed data lines to IEC 61000-4-2 (ESD) $\pm 15\text{kV}$ (air) $\pm 8\text{kV}$ (contact), IEC 61000-4-5 (Lightning) 5A (8/20 μs), IEC 61000-4-4 (EFT) 40A (5/50ns)

Package design optimized for high speed lines

Flow-Through design

Protects two or four I/O lines

Low capacitance: 0.3pF typical (I/O to I/O)

Low clamping voltage

Low operating voltage: 5V

Solid-state silicon-avalanche technology

Application

High Definition Multi-Media Interface (HDMI)

Digital Visual Interface (DVI)

Unified Display Interface (UDI)

DisplayPort™ Interface

MDDI Ports

PCI Express

eSATA Interfaces

Packaging

RClamp0524P.TCT: Lead-Free, RoHS and WEEE Compliant, 3000 pcs. Tape & Reel

Order Codes

SLP2510P8

Recommended For You

RCLAMP0504FATCT

Semtech Corporation

SC70-6

RClamp3304NATCT

Semtech Corporation

SLP2626P10

RClamp3374N.TCT

Semtech Corporation

SLP3020

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

RClamp0502A.TCT

Semtech Corporation

SC89-6

RCLAMP0504PATCT

Semtech Corporation

SLP1616P6