


**ESD Suppressor Diode Diode Array Uni-Dir 5V 25Vc 5-Pin
SGP T/R**

Manufacturer:	Semtech Corporation
Package/Case:	SGP2010
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

RClamp®7534P is a high performance TVS array aimed at simultaneously protecting 4 signal lines from overvoltage events caused by ESD, CDE (Cable Discharge Events) and EFT (electrical fast transients). RClamp7534P features an extremely low max capacitance of 0.19pF (Typical) and is designed to protect high speed interfaces such as HDMI 2.0, 10-gigabit Ethernet, and USB 3.0.

Key Features

Application

ESD protection for high-speed data lines to	HDMI 2.0
IEC 61000-4-2 (ESD) ±25kV (air), ±20kV (contact)	USB 3.1
IEC 61000-4-5 (Lightning) 4A (8/20µs)	Display Port 1.2
IEC 61000-4-4 (EFT) 40A (5/50ns)	Thunderbolt
Package design optimized for high speed lines	10GbE
Protects four high-speed lines	V-By-One
Low capacitance: 0.19pF Typical (I/O to Ground)	MHL
Low ESD clamping voltage	Packaging
Low dynamic resistance: 1.0 Ohm (Typ)	SGP2010N5
Low leakage current	Order Codes
Solid-state silicon-avalanche technology	

RClamp7534P.TNT - Pb-Free, Halogen Free, RoHS/WEEE Compliant. 10,000 pcs. Tape & Reel.

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

RClamp0524PATCT

Semtech Corporation

SLP2510P8

RClamp0502A.TCT

Semtech Corporation

SC89-6

RCLAMP0504PATCT

Semtech Corporation

SLP1616P6