AVAQ

ESD Suppressor Diode Diode Array Uni-Dir 6.5V 25Vc
Automotive 12-Pin SLP T/R

Manufacturer:	Semtech Corporation
Package/Case:	SLP1210N6
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

AVAQ

Images are for reference only

Inquiry

General Description

RailClamp® TVS arrays are ultra low capacitance ESD protection devices designed to protect high speed data interfaces. This series has been 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

ESD protection for high-speed data lines to

IEC 61000-4-2 (ESD) ±20kV (air), ±12kV (contact)

IEC 61000-4-4 (EFT) 40A (5/50ns)

Array of surge rated diodes with internal TVS Diode

Small package saves board space

Protects two I/O lines and a power line

Low capacitance: 0.2pF typical

Low clamping voltage

AEC-Q100 Qualified Part

Solid-state silicon-avalanche technology

Application

USB

MMC Port

Serial ATA

Video Port

Packaging

SLP1210N6

Order Codes

RClamp0582N.TCT- Pb-Free, Halogen Free, RoHS/WEEE Compliant

Recommended For You

RCLAMP0504FATCT	RClamp3304NATCT	RClamp3374N.TCT
Semtech Corporation	Semtech Corporation	Semtech Corporation
SC70-6	SLP2626P10	SLP3020

RClamp0524J.TCT	**RClamp0531T.TCT**	**RClamp0522P.TCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2710P8	SLP1006P2T	SLP1610P4
RClamp0524P.TCT	**RClamp0521PATCT**	**RClamp3654PATCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2510P8	SLP1006P2	SLP1616P6
RClamp1521P.TCT	**RClamp0504F.TCT**	**RClamp7534P.TNT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP1006P2	SC70-6	SGP2010
RClamp0524PATCT	**RClamp0502A.TCT**	**RCLAMP0504PATCT**
Semtech Corporation	Semtech Corporation	Semtech Corporation
SLP2510P8	SC89-6	SLP1616P6