



RCLAMP0512TQTCT






Part Number: [RCLAMP0512TQTCT](#)

Manufacturer: [Semtech](#)

Description: TVS DIODE 5V 8.5V SGP1006N3T

Data sheet:  [RCLAMP0512TQ](#)

RoHs Status: Lead free / RoHS Compliant











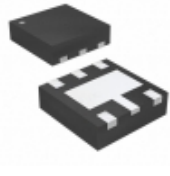









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Request For Quotation

PRODUCT PARAMETER			
Part Number	RCLAMP0512TQTCT	Manufacturer	Semtech
Description	TVS DIODE 5V 8.5V SGP1006N3T	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	139644 pcs	Data sheet	RCLAMP0512TQ
Category	Circuit Protection	Voltage - Reverse Standoff (Typ)	5V (Max)
Voltage - Clamping (Max) @ 1pp	8.5V	Voltage - Breakdown (Min)	6.5V
Unidirectional Channels	2	Type	Steering (Rail to Rail)
Supplier Device Package	SGP1006N3T	Series	Automotive, AEC-Q100, RailClamp®
Power Line Protection	Yes	Power - Peak Pulse	170W
Packaging	Cut Tape (CT)	Package / Case	3-XDFN
Other Names	RCLAMP0512TQTCTCT	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Current - Peak Pulse (10/1000µs)	20A (1.2/50µs)	Capacitance @ Frequency	2pF @ 1MHz
Applications	Automotive, Ethernet		
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	Part#: RCLAMP0521ZATFT Description: TVS DIODE SLP0603P2X3	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0504S.TCT Description: TVS DIODE 5V 25V SOT23-6	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0508M.T Description: TVS DIODE 5V 25V 10MSOP	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0516P.TCT Description: TVS DIODE 5V 6.5V SLP3313P6	Manufacturers: Semtech	<div>RFQ</div>
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	Part#: RCLAMP0504PATCT Description: TVS DIODE 5V 18V SLP1616P6	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0504M.TBT Description: TVS DIODE 5V 25V 10MSOP	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0504P.TCT Description: TVS DIODE 5V 18V SLP1616P6	Manufacturers: Semtech	<div>RFQ</div>
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	Part#: RCLAMP0506T.TCT Description: TVS DIODE 5V 15V SLP3313P6T	Manufacturers: Semtech	<div>RFQ</div>
	Part#: RCLAMP0512TQTNT Description: TVS DIODE 5V 8.5V SGP1006N3T	Manufacturers: Semtech	<div>RFQ</div>
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