



## SC1592IMTRT

Part Number:	SC1592IMTRT
Manufacturer/Brand:	Semtech
Product description:	IC REG LINEAR POS ADJ 3A 7DDPAK
Datasheets:	<a href="#">SC1592IMTRT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	43460 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of SC1592IMTRT

PART NUMBER	SC1592IMTRT
MANUFACTURER	Semtech
DESCRIPTION	IC REG LINEAR POS ADJ 3A 7DDPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43460 pcs
DATA SHEET	<a href="#">SC1592IMTRT.pdf</a>
VOLTAGE DROPOUT (MAX)	0.52V @ 3A
VOLTAGE - OUTPUT (MIN/FIXED)	0.8V
VOLTAGE - OUTPUT (MAX)	15.48V
VOLTAGE - INPUT (MAX)	16V
SUPPLIER DEVICE PACKAGE	7-DDPAK
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA
PSRR	-
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	SC1592IMTR
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Adjustable 1 Output Adjustable 3A 7-DDPAK
CURRENT - QUIESCENT (IQ)	8mA
CURRENT - OUTPUT	3A
CONTROL FEATURES	Current Limit, Enable

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### Related Products

<p><b>SC16-26</b> Manufacturers: Belden Description: SAXXIT CABLE CLIP 7MM In stock: 762974 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC16-19</b> Manufacturers: Belden Description: SAXXIT CABLE CLIP 6MM In stock: 802341 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>SC1592ISTR</b> Manufacturers: Semtech Description: IC REG LINEAR POS ADJ 3A 8SOIC In stock: 93453 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC15820KT</b> Manufacturers: AMP Connectors / TE Connectivity Description: FIXED IND 82UH 200MA 3.9 OHM In stock: 52085 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>SC15R22KT</b> Manufacturers: AMP Connectors / TE Connectivity Description: FIXED IND 220NH 2.06A 55 MOHM TH In stock: 48951 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC1592MSTR</b> Manufacturers: Semtech Description: IC REG LINEAR POS ADJ 3A 8SOIC In stock: 4893 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>SC1566IT-2.5T</b> Manufacturers: Semtech Description: IC REG LINEAR 2.5V 3A TO220-3 In stock: 34686 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC1566IM-1.8TRT</b> Manufacturers: Semtech Description: IC REG LINEAR 1.8V 3A TO263 In stock: 38336 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>SC1566I5T-2.5T</b> Manufacturers: Semtech Description: IC REG LINEAR 2.5V 3A TO220-3 In stock: 31491 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC1566IT-1.8T</b> Manufacturers: Semtech Description: IC REG LINEAR 1.8V 3A TO220-3 In stock: 38075 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>SC15E</b> Manufacturers: Swanstrom Tools Description: CUTTER SHEARS TPRD SHEAR 5.67" In stock: 2303 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>SC1566IM-2.5TRT</b> Manufacturers: Semtech Description: IC REG LINEAR 2.5V 3A TO263 In stock: 33957 pcs</p> <p><a href="#">RFQ</a></p>