

ON Semiconductor **AMI Semiconductor / ON**

NCV612SQ31T1

Part Number: [NCV612SQ31T1](#)
 Manufacturer/Brand: [AMI Semiconductor / ON Semiconductor](#)
 Product description: [IC REG LINEAR 3.1V 100MA SC88A](#)
 Datasheets: [PDF NCV612SQ31T1.pdf](#)
 RoHS Status: Contains lead / RoHS non-compliant
 Stock Condition: 6986 pcs stock
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Semiconductor

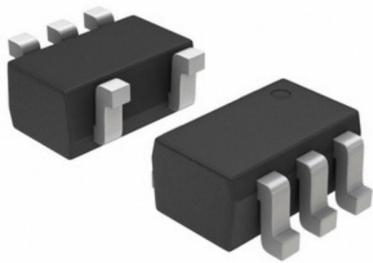


Image may be representation. See specifications for product details.

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Specifications of NCV612SQ31T1

PART NUMBER	NCV612SQ31T1
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 3.1V 100MA SC88A
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6986 pcs
DATA SHEET	PDF NCV612SQ31T1.pdf
VOLTAGE DROPOUT (MAX)	0.38V @ 100mA
VOLTAGE - OUTPUT (MIN/FIXED)	3.1V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	6V
SUPPLIER DEVICE PACKAGE	SC-88A (SC-70-5/SOT-353)
SERIES	Automotive, AEC-Q100
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	5-TSSOP, SC-70-5, SOT-353
PSRR	-
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
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	Contains lead / RoHS non-compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 3.1V 100mA SC-88A (SC-70-5/SOT-353)
CURRENT - SUPPLY (MAX)	90µA
CURRENT - QUIESCENT (IQ)	1µA
CURRENT - OUTPUT	100mA
CONTROL FEATURES	Enable
BASE PART NUMBER	NCV612

Related Tags

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Related Products

<p>NCV612SQ33T1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V 100MA SC88A In stock: 6350 pcs RFQ</p>	<p>NCV612SQ31T1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.1V 100MA SC88A In stock: 4054 pcs RFQ</p>
<p>NCV612SQ33T2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V 100MA SC88A In stock: 274067 pcs RFQ</p>	<p>NCV612SQ30T2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3V 100MA SC88A In stock: 344321 pcs RFQ</p>
<p>NCV612SQ30T1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3V 100MA SC88A In stock: 4559 pcs RFQ</p>	<p>NCV612SQ31T2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.1V 100MA SC88A In stock: 433690 pcs RFQ</p>
<p>NCV612SQ33T1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V 100MA SC88A In stock: 3807 pcs RFQ</p>	<p>NCV612SQ28T1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.8V 100MA SC88A In stock: 5244 pcs RFQ</p>
<p>NCV612SQ28T2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.8V 100MA SC88A In stock: 379958 pcs RFQ</p>	<p>NCV612SQ28T1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.8V 100MA SC88A In stock: 6861 pcs RFQ</p>
<p>NCV612SQ37T2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.7V 100MA CMOS1 In stock: 261458 pcs RFQ</p>	<p>NCV612SQ30T1G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3V 100MA SC88A In stock: 6429 pcs RFQ</p>