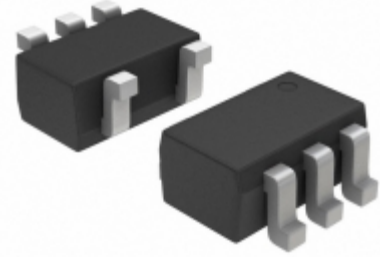



NCV612SQ50T1G




**ON Semiconductor®** 

**Part Number:** [NCV612SQ50T1G](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** IC REG LINEAR 5V 100MA SC88A

**Data sheet:**  [NCP612, NCV612](#)

**RoHs Status:** Lead free / RoHS Compliant




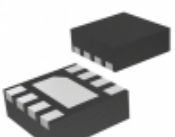
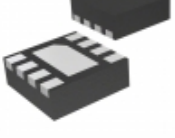






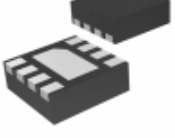








**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	NCV612SQ50T1G	Manufacturer	<a href="#">AMI Semiconductor / ON Semiconductor</a>
Description	IC REG LINEAR 5V 100MA SC88A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4571 pcs	Data sheet	<a href="#">NCP612, NCV612</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage Dropout (Max)	0.3V @ 100mA
Voltage - Output (Min/Fixed)	5V	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	Cut Tape (CT)	Package / Case	5-TSSOP, SC-70-5, SOT-353
PSRR	-	Output Type	Fixed
Output Configuration	Positive	Other Names	NCV612SQ50T1GOSCT
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 Fixed 1 Output 5V 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		
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RELATED PRODUCTS			
	Part#: <a href="#">NCV612SQ37T2G</a> Description: IC REG LINEAR 3.7V 100MA ACMOS1	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ50T1</a> Description: IC REG LINEAR 5V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6323DMTAAWTBG</a> Description: DCDC BUCK CONVERT W/WETTABLE FLA	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6323BMTAATBG</a> Description: IC REG BUCK ADJ 2A SYNC 8WDFN	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6324CMTAATBG</a> Description: DCDC BUCK CONVERTER	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ31T2G</a> Description: IC REG LINEAR 3.1V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6324BMTAAWTBG</a> Description: DCDC BUCK CONVERT W/WETTABLE FLA	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ33T1G</a> Description: IC REG LINEAR 3.3V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6334BMTAATBG</a> Description: IC REG BUCK ADJ 2A SYNC 8WDFN	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6323DMTAAATBG</a> Description: DCDC BUCK CONVERTER	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ33T2G</a> Description: IC REG LINEAR 3.3V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6323BMTAAWTBG</a> Description: DCDC BUCK CONVERT W/WETTABLE FLN	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6324BMTAATBG</a> Description: DCDC BUCK CONVERTER	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ30T2G</a> Description: IC REG LINEAR 3V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ31T1G</a> Description: IC REG LINEAR 3.1V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ50T2G</a> Description: IC REG LINEAR 5V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ31T1</a> Description: IC REG LINEAR 3.1V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ33T1</a> Description: IC REG LINEAR 3.3V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV612SQ30T1G</a> Description: IC REG LINEAR 3V 100MA SC88A	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">NCV6324CMTAAWTBG</a> Description: DCDC BUCK CONVERT W/WETTABLE FLA	Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>	<a href="#">RFQ</a>

Related keywords for NCV612SQ50T1G

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