

NCP4589DSQ25T1G



ON Semiconductor®

Part Number: [NCP4589DSQ25T1G](#)

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

Description: IC REG LINEAR 2.5V 300mA SC88A

Data sheet:  [NCP4589](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	NCP4589DSQ25T1G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 2.5V 300mA SC88A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5345 pcs	Data sheet	NCP4589
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.5V @ 300mA
Voltage - Output (Min/Fixed)	2.5V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.25V	Supplier Device Package	SC-88A (SC-70-5/SOT-353)
Series	-	Protection Features	Over Current
Packaging	Tape & Reel (TR)	Package / Case	5-TSSOP, SC-70-5, SOT-353
PSRR	70dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	NCP4589DSQ25T1GOSTR
Operating Temperature	-40°C ~ 85°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 2.5V 300mA SC-88A (SC-70-5/SOT-353)
Current - Quiescent (Iq)	4µA	Current - Output	300mA
Control Features	Enable	Base Part Number	NCP4589
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	Part#: NCP4589DSN12T1G Description: IC REG LINEAR 1.2V 300mA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DMX28TCG Description: IC REG LINEAR 2.8V 300mA 6XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DSQ33T1G Description: IC REG LINEAR 3.3V 300mA SC88A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DSN18T1G Description: IC REG LINEAR 1.8V 300mA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP459FCT2G Description: IC LOAD SWITCH 4A SGL 8WLCSP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP458RFCT2GEVB Description: EVAL BOARD NCP458RFCT2G	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP458RFCT2G Description: IC LOAD SWITCH 4A SGL 8WLCSP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DSQ12T1G Description: IC REG LINEAR 1.2V 300mA SC88A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP4620DSN15T1G Description: IC REG LINEAR 1.5V 150mA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DMX33TCG Description: IC REG LINEAR 3.3V 300mA 6XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP459FCT2GEVB Description: EVAL BOARD NCP459FCT2G	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DMX30TCG Description: IC REG LINEAR 3V 300mA 6XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DSQ30T1G Description: IC REG LINEAR 3V 300mA SC88A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP4589DSQ18T1G Description: IC REG LINEAR 1.8V 300mA SC88A	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP458RFCT2G Description: IC LOAD SWITCH 4A SGL 8WLCSP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP4589DSN33T1G Description: IC REG LINEAR 3.3V 300mA SOT23-5	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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