

NCP582DSQ28T1G



ON Semiconductor®

Part Number: [NCP582DSQ28T1G](#)

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

Description: IC REG LINEAR 2.8V 150MA SC82AB

Data sheet:  [NCP582](#)

RoHs Status: Lead free / RoHS Compliant

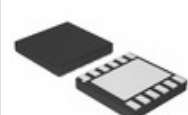
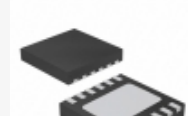
Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP582DSQ28T1G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 2.8V 150MA SC82AB	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	282689 pcs	Data sheet	NCP582
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 150mA
Voltage - Output (Min/Fixed)	2.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	SC-82AB
Series	-	Protection Features	Over Current
Packaging	Tape & Reel (TR)	Package / Case	SC-82A, SOT-343
PSRR	70dB ~ 60dB (1kHz ~ 10kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	NCP582DSQ28T1 NCP582DSQ28T1OSTR
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 2.8V 150mA SC-82AB
Current - Quiescent (Iq)	95µA	Current - Output	150mA
Control Features	Enable	Base Part Number	NCP582
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RELATED PRODUCTS			
	Part#: NCP580SQ30T1G Description: IC REG LINEAR 3V 120MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582EVB Description: BOARD EVAL NCP582EVB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV15T2G Description: IC REG LINEAR 1.5V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DSQ15T1G Description: IC REG LINEAR 1.5V 150MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DSQ25T1G Description: IC REG LINEAR 2.5V 150MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV18T2G Description: IC REG LINEAR 1.8V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5810CUMUTXG Description: IC AMOLED DVR PS DUAL 1W 12LLGA	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV28T2G Description: IC REG LINEAR 2.8V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5810DGEVB Description: EVAL BOARD FOR NCP5810DG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DSQ30T1G Description: IC REG LINEAR 3V 150MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV25T2G Description: IC REG LINEAR 2.5V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV30T2G Description: IC REG LINEAR 3V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5810MUTXG Description: IC DRIVER AMOLED DUAL 1W 12-LLGA	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5810DMUTXG Description: IC AMOLED DRIVER DUAL 1W 12UDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV33T2G Description: IC REG LINEAR 3.3V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DXV29T2G Description: IC REG LINEAR 2.9V 150MA SOT563	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DSQ33T1G Description: IC REG LINEAR 3.3V 150MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP582DSQ18T1G Description: IC REG LINEAR 1.8V 150MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP580SQ33T1G Description: IC REG LINEAR 3.3V 120MA SC82AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5810CMUTXG Description: IC AMOLED DVR PS DUAL 1W 12LLGA	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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