

ON Semiconductor®


AMI Semiconductor / ON

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NCP590MNPPTAG

Part Number:	NCP590MNPPTAG
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	IC REG LINEAR 2.8V/2.8V 8DFN
Datasheets:	 NCP590MNPPTAG.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6450 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.

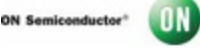
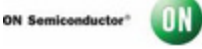
Specifications of NCP590MNPPTAG

PART NUMBER	NCP590MNPPTAG
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 2.8V/2.8V 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6450 pcs
DATA SHEET	 NCP590MNPPTAG.pdf
VOLTAGE DROPOUT (MAX)	0.225V @ 300mA, 0.225V @ 300mA
VOLTAGE - OUTPUT (MIN/FIXED)	2.8V, 2.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	5.5V
SUPPLIER DEVICE PACKAGE	8-DFN (2x2)
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-VDFDN Exposed Pad
PSRR	50dB ~ 40dB (120Hz ~ 1kHz), 50dB ~ 40dB (120Hz ~ 1kHz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF REGULATORS	2
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 2 Output 2.8V 300mA, 300mA 8-DFN (2x2)
CURRENT - SUPPLY (MAX)	250µA
CURRENT - QUIESCENT (IQ)	125µA
CURRENT - OUTPUT	300mA, 300mA
CONTROL FEATURES	Enable
BASE PART NUMBER	NCP590

Related Tags

AMI Semiconductor / ON Semiconductor NCP590MNPPTAG	NCP590MNPPTAG Distributor	NCP590MNPPTAG Supplier
NCP590MNPPTAG Price	NCP590MNPPTAG Pictures	NCP590MNPPTAG Image
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Catalyst Semiconductor / ON Semiconductor NCP590MNPPTAG	PulseCore Semiconductor / ON Semiconductor NCP590MNPPTAG	Sanyo Semiconductor / ON Semiconductor NCP590MNPPTAG

Related Products

 NCP590MNSR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.8V/3V 8DFN In stock: 3462 pcs RFQ	 NCP590MNOATAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.5V/2.4V 8DFN In stock: 3157 pcs RFQ
 NCP590MNVVTAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V/3.3V 8DFN In stock: 6851 pcs RFQ	 NCP59151DS00GEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: EVAL BOARD NCP59151DS00G In stock: 2692 pcs RFQ
 NCP5911MNTBG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC MOSFET DVR SYNC VR12 8-DFN In stock: 6355 pcs RFQ	 NCP590MNPPR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.8V/2.8V 8DFN In stock: 7093 pcs RFQ
 NCP59151DS18R4G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.8V 1.5A D2PAK-5 In stock: 76548 pcs RFQ	 NCP590MNDPTAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 1.8V X 2.8V LDO REG In stock: 3749 pcs RFQ
 NCP59151DS25R4G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.5V 1.5A D2PAK-5 In stock: 83819 pcs RFQ	 NCP590MNOAR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.5V/2.4V 8DFN In stock: 3784 pcs RFQ
 NCP590MNPPTAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 2.8V X 2.8V LDO REG In stock: 2828 pcs RFQ	 NCP590MNOATAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 1.5V X 2.4V LDO REG In stock: 3080 pcs RFQ