

ON Semiconductor®

AMI Semiconductor / ON



Image may be representation. See specifications for product details.

NCP590MNPPR2G

Part Number:	NCP590MNPPR2G
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	IC REG LINEAR 2.8V/2.8V 8DFN
Datasheets:	NCP590MNPPR2G.pdf
RoHS Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of NCP590MNPPR2G

PART NUMBER	NCP590MNPPR2G
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 2.8V/2.8V 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	NCP590MNPPR2G.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	Cut Tape (CT)
PACKAGE / CASE	8-VDFN Exposed Pad
PSRR	50dB ~ 40dB (120Hz ~ 1kHz), 50dB ~ 40dB (120Hz ~ 1kHz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	NCP590MNPPR2GOSCT
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 NCP590MNPPR2G	NCP590MNPPR2G Distributor	NCP590MNPPR2G Supplier
NCP590MNPPR2G Price	NCP590MNPPR2G Pictures	NCP590MNPPR2G Image
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Catalyst Semiconductor / ON Semiconductor NCP590MNPPR2G	PulseCore Semiconductor / ON Semiconductor NCP590MNPPR2G	Sanyo Semiconductor / ON Semiconductor NCP590MNPPR2G

Related Products

NCP590MNPPTAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 2.8V X 2.8V LDO REG In stock: Out stock RFQ	NCP5911MNTBG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC MOSFET DVR SYNC VR12 8-DFN In stock: Out stock RFQ
NCP590MNDPTAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 1.8V X 2.8V LDO REG In stock: Out stock RFQ	NCP590MNDSR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.8V/3V 8DFN In stock: Out stock RFQ
NCP590MNOAR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.5V/2.4V 8DFN In stock: Out stock RFQ	NCP590MNVVTAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V/3.3V 8DFN In stock: Out stock RFQ
NCP590MNOATAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.5V/2.4V 8DFN In stock: Out stock RFQ	NCP59151DS00GEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: EVAL BOARD NCP59151DS00G In stock: Out stock RFQ
NCP590MNDPTAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.8V/2.8V 8DFN In stock: Out stock RFQ	NCP59151DS18R4G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.8V 1.5A D2PAK-5 In stock: Out stock RFQ
NCP590MNPPTAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 2.8V/2.8V 8DFN In stock: Out stock RFQ	NCP590MNOATAGEVB Manufacturers: AMI Semiconductor / ON Semiconductor Description: BOARD DEMO 1.5V X 2.4V LDO REG In stock: Out stock RFQ

