

NCP590MNDPR2G



ON Semiconductor®



Part Number:

NCP590MNDPR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG LINEAR 1.8V/2.8V 8DFN

Data sheet:

 [NCP590](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

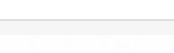
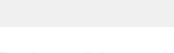
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCP590MNDPR2G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 1.8V/2.8V 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4294 pcs	Data sheet	NCP590
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	-, 0.225V @ 300mA
Voltage - Output (Min/Fixed)	1.8V, 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-VFDFN Exposed Pad
PSRR	55dB (120Hz), 50dB ~ 40dB (120Hz ~ 1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	NCP590MNDPR2GOSCT
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 1.8V, 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		
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	Part#: NCP590MNPPTAG Description: IC REG LINEAR 2.8V/2.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901BMNTBG Description: IC MOSFET DVR SYNC VR12 8-DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNOAR2G Description: IC REG LINEAR 1.5V/2.4V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNVVTAG Description: IC REG LINEAR 3.3V/3.3V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNOATAGEVB Description: BOARD DEMO 1.5V X 2.4V LDO REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNSDR2G Description: IC REG LINEAR 1.8V/3V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNADR2G Description: IC REG LINEAR 1.5V/1.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNSDTAGEVB Description: BOARD DEMO 1.2V X 1.8V LDO REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNDPTAG Description: IC REG LINEAR 1.8V/2.8V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP5901EMNTBG Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901GMNTBG Description: IC MOSFET DVR SYNC VR12 8-DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901DR2G Description: IC MOSFET DVR SYNC VR12 8-SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCP590MNOATAG Description: IC REG LINEAR 1.5V/2.4V 8DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP5901MNTBG Description: IC MOSFET DVR SYNC VR12 8-DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCP590MNPPTAGEVB Description: BOARD DEMO 2.8V X 2.8V LDO REG	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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