

ON Semiconductor®

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NCP590MNDPTAG

Part Number:	NCP590MNDPTAG
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	IC REG LINEAR 1.8V/2.8V 8DFN
Datasheets:	 NCP590MNDPTAG.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6050 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 NCP590MNDPTAG

PART NUMBER	NCP590MNDPTAG
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	6050 pcs
DATA SHEET	 NCP590MNDPTAG.pdf
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	Tape & Reel (TR)
PACKAGE / CASE	8-VDFDN Exposed Pad
PSRR	55dB (120Hz), 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 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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AMI Semiconductor / ON Semiconductor NCP590MNDPTAG	NCP590MNDPTAG Distributor	NCP590MNDPTAG Supplier
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Related Products

ON Semiconductor® ON NCP590MNADR2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.5V/1.8V 8DFN In stock: 3880 pcs RFQ	ON Semiconductor® ON NCP590MNS5ATAG Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 1.2V/1.5V 8DFN In stock: 7026 pcs RFQ
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