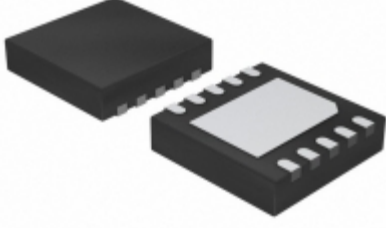


NCV8537MN500R2G



ON Semiconductor®

Part Number: [NCV8537MN500R2G](#)

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

Description: IC REG LINEAR 5V 500MA 10DFN

Data sheet:  [NCV8537](#)

RoHs Status: Lead free / RoHS Compliant

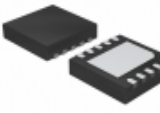
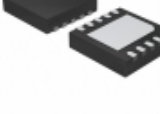
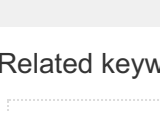
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NCV8537MN500R2G	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 5V 500MA 10DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	107449 pcs	Data sheet	NCV8537
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.34V @ 500mA
Voltage - Output (Min/Fixed)	5V	Voltage - Output (Max)	-
Voltage - Input (Max)	12V	Supplier Device Package	10-DFN (3x3)
Series	Automotive, AEC-Q100	Protection Features	Over Current, Over Temperature, Reverse Polarity
Packaging	Tape & Reel (TR)	Package / Case	10-VDFDN Exposed Pad
PSRR	-	Output Type	Fixed
Output Configuration	Positive	Other Names	NCV8537MN500R2G-ND NCV8537MN500R2GOSTR
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 5V 500mA 10-DFN (3x3)	Current - Supply (Max)	14mA
Current - Quiescent (Iq)	220µA	Current - Output	500mA
Control Features	Enable, Power Good	Base Part Number	NCV8537
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RELATED PRODUCTS			
	Part#: NCV8537MN180R2G Description: IC REG LINEAR 1.8V 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN330GEVB Description: BOARD EVALUATION NCV8537 3.3V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN180GEVB Description: BOARD EVALUATION NCV8537 1.8V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8535MN350R2G Description: IC REG LINEAR 3.5V 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN250R2G Description: IC REG LINEAR 2.5V 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8535MNADJR2G Description: IC REG LIN POS ADJ 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN280R2G Description: IC REG LINEAR 2.8V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN150R2G Description: IC REG LINEAR 1.5V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN250R2G Description: IC REG LINEAR 2.5V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN250GEVB Description: BOARD EVALUATION NCV8537 2.5V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8535MN500R2G Description: IC REG LINEAR 5V 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN350R2G Description: IC REG LINEAR 3.5V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MNADJGEVB Description: BOARD EVALUATION NCV8537 ADJ	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN500GEVB Description: BOARD EVALUATION NCV8537 5.0V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MNADJR2G Description: IC REG LIN POS ADJ 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN180R2G Description: IC REG LINEAR 1.8V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8537MN330R2G Description: IC REG LINEAR 3.3V 500MA 10DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN300R2G Description: IC REG LINEAR 3V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN330R2G Description: IC REG LINEAR 3.3V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8560MN500R2G Description: IC REG LINEAR 5V 150MA 6DFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ

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