

NCV8177AMX180TCG



ON Semiconductor® 

Part Number: [NCV8177AMX180TCG](#)

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

Description: IC REG LINEAR 1.8V 500MA 4XDFN

Data sheet:  [NCV8177](#)

RoHs Status: Lead free / RoHS Compliant

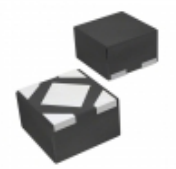
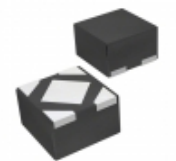
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PRODUCT PARAMETER			
Part Number	NCV8177AMX180TCG	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 1.8V 500MA 4XDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	531763 pcs	Data sheet	NCV8177
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.35V @ 500mA
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	4-XDFN (1x1)
Series	Automotive, AEC-Q100	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	4-XDFN Exposed Pad
PSRR	75dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	NCV8177AMX180TCGOSTR
Operating Temperature	-40°C ~ 125°C (TA)	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	4 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 500mA 4-XDFN (1x1)	Current - Quiescent (Iq)	90µA
Current - Output	500mA	Control Features	Enable
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	Part#: NCV8170BXV330T2G Description: IC REG LIN 3.3V 150MA SOT563-6	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8177AMX075TCG Description: IC REG LINEAR 0.75V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8177BMX180TCG Description: IC REG LINEAR 1.8V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8170BXV360T2G Description: IC REG LIN 3.6V 150MA SOT563-6	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV8177BMX150TCG Description: IC REG LINEAR 1.5V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8170BXV280T2G Description: IC REG LIN 2.8V 150MA SOT563-6	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV8177BMX330TCG Description: IC REG LINEAR 3.3V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8177BMX250TCG Description: IC REG LINEAR 2.5V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8184D Description: IC REG LINEAR POS ADJ 70MA 8SOIC	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8170BXV180T2G Description: IC REG LIN 1.8V 150MA SOT563-6	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8177AMX330TCG Description: IC REG LINEAR 3.3V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NCV8177AMX120TCG Description: IC REG LINEAR 1.2V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: NCV8177BMX075TCG Description: IC REG LINEAR 0.75V 500MA 4XDFN	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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