

MC7812CTG



ON Semiconductor®

Part Number: [MC7812CTG](#)

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

Description: IC REG LINEAR 12V 1A TO220AB

Data sheet:  [MC78zz\(z\), NCV78zz](#)

RoHs Status: Lead free / RoHS Compliant

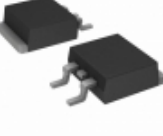
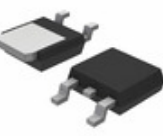
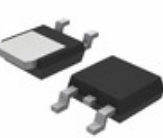
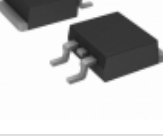
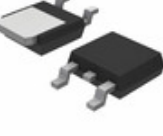
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MC7812CTG	Manufacturer	AMI Semiconductor / ON Semiconductor
Description	IC REG LINEAR 12V 1A TO220AB	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	257394 pcs	Data sheet	MC78zz(z), NCV78zz
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	2V @ 1A (Typ)
Voltage - Output (Min/Fixed)	12V	Voltage - Output (Max)	-
Voltage - Input (Max)	35V	Supplier Device Package	TO-220AB
Series	-	Protection Features	Over Temperature, Short Circuit
Packaging	Tube	Package / Case	TO-220-3
PSRR	60dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MC7812CTGOS
Operating Temperature	0°C ~ 125°C	Number of Regulators	1
Mounting Type	Through Hole	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 12V 1A TO-220AB		
Current - Output	1A	Current - Quiescent (Iq)	6.5mA
Base Part Number	MC7812	Control Features	-
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RELATED PRODUCTS			
	Part#: MC7815ABTG Description: IC REG LINEAR 15V 1A TO220AB	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7812CT Description: IC REG LDO 12V 1A TO220-3	Manufacturers: Fairchild/ON Semiconductor	RFQ
	Part#: MC7812ECT Description: IC REG LINEAR 12V 1A TO220-3	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7812CD2TR4 Description: IC REG LINEAR 12V 1A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7815ABD2TG Description: IC REG LINEAR 15V 1A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: MC7815ABD2T Description: IC REG LINEAR 15V 1A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7812CD2TG Description: IC REG LINEAR 12V 1A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7812CT-BP Description: IC REG LINEAR 12V 1A TO220	Manufacturers: Micro Commercial Components (MCC)	RFQ
	Part#: MC7812ECDTX Description: IC REG LINEAR 12V 1A TO252	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: MC7812CDTRKG Description: IC REG LINEAR 12V 1A DPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: MC7815ABD2TR4 Description: IC REG LINEAR 15V 1A D2PAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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