

ON Semiconductor AMI Semiconductor / ON

## MC7812CDTG

Part Number: MC7812CDTG  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: IC REG LINEAR 12V 1A DPAK  
 Datasheets: MC7812CDTG.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 128254 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Semiconductor

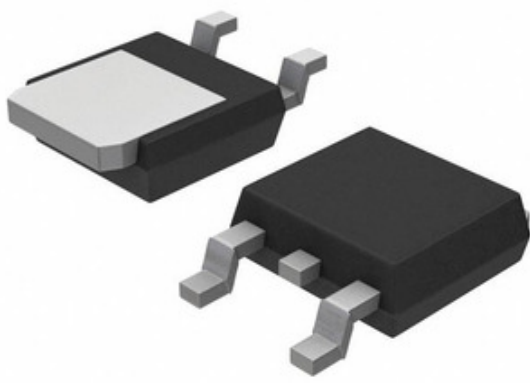


Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

### Specifications of MC7812CDTG

PART NUMBER	MC7812CDTG
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 12V 1A DPAK
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	128254 pcs
DATA SHEET	MC7812CDTG.pdf
VOLTAGE DROPOUT (MAX)	2V @ 1A (Typ)
VOLTAGE - OUTPUT (MIN/FIXED)	12V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	35V
SUPPLIER DEVICE PACKAGE	DPAK
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit
PACKAGING	Tube
PACKAGE / CASE	TO-252-3, DPak (2 Leads + Tab), SC-63
PSRR	60dB (1kHz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MC7812CDTG-ND MC7812CDTGOS
OPERATING TEMPERATURE	0°C ~ 125°C
NUMBER OF REGULATORS	1
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 1 Output 12V 1A DPAK
CURRENT - QUIESCENT (IQ)	6.5mA
CURRENT - OUTPUT	1A
CONTROL FEATURES	-
BASE PART NUMBER	MC7812

### Related Tags

AMI Semiconductor / ON Semiconductor MC7812CDTG	MC7812CDTG Distributor	MC7812CDTG Supplier
MC7812CDTG Price	MC7812CDTG Pictures	MC7812CDTG Image
MC7812CDTG PDF Datasheet	MC7812CDTG Download Datasheet	MC7812CDTG Datasheet
MC7812CDTG Stock	Buy MC7812CDTG	Buy AMI Semiconductor / ON Semiconductor MC7812CDTG
AMI Semiconductor / ON Semiconductor MC7812CDTG	AMI Semiconductor / ON Semiconductor Supplier	AMI Semiconductor / ON Semiconductor Distributor
AMI Semiconductor / ON Semiconductor MC7812CDTG	ON Semiconductor MC7812CDTG	Aptina / ON Semiconductor MC7812CDTG
Catalyst Semiconductor / ON Semiconductor MC7812CDTG	PulseCore Semiconductor / ON Semiconductor MC7812CDTG	Sanyo Semiconductor / ON Semiconductor MC7812CDTG

### Related Products

<p><b>MC7812CD2TG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A D2PAK                  In stock: 140306 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CT-BP</b>                  Manufacturers: Micro Commercial Components (MCC)                  Description: IC REG LINEAR 12V 1A TO220                  In stock: 5254 pcs  <a href="#">RFQ</a></p>
<p><b>MC7812CDTRKG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A DPAK                  In stock: 188493 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CTG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A TO220AB                  In stock: 177312 pcs  <a href="#">RFQ</a></p>
<p><b>MC7812CDTRK</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A DPAK                  In stock: 4813 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CT</b>                  Manufacturers: Fairchild/ON Semiconductor                  Description: IC REG LDO 12V 1A TO220-3                  In stock: 6263 pcs  <a href="#">RFQ</a></p>
<p><b>MC7812CD2TR4</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A D2PAK                  In stock: 5271 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CDT</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A DPAK                  In stock: 4405 pcs  <a href="#">RFQ</a></p>
<p><b>MC7812CT</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A TO220AB                  In stock: 6868 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CD2T</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A D2PAK                  In stock: 3717 pcs  <a href="#">RFQ</a></p>
<p><b>MC7812BTG</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A TO220AB                  In stock: 167285 pcs  <a href="#">RFQ</a></p>	<p><b>MC7812CD2TR4G</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: IC REG LINEAR 12V 1A D2PAK                  In stock: 283985 pcs  <a href="#">RFQ</a></p>