

**AMI Semiconductor / ON**

## MC7806AECT

Part Number: MC7806AECT  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: IC REG LINEAR 6V 1A TO220-3  
 Datasheets: [1.MC7806AECT.pdf](#)  
[2.MC7806AECT.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Semiconductor

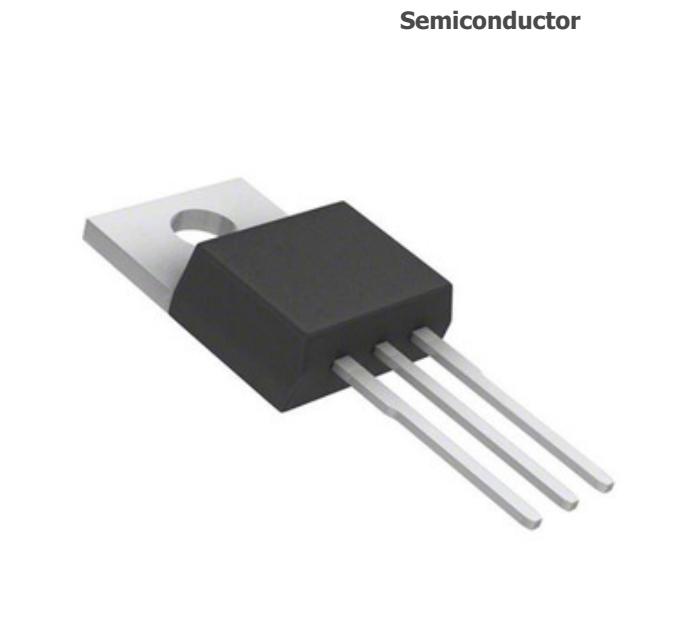


Image may be representation. See specifications for product details.

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### Specifications of MC7806AECT

PART NUMBER	MC7806AECT
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC REG LINEAR 6V 1A TO220-3
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MC7806AECT.pdf</a> <a href="#">2.MC7806AECT.pdf</a>
VOLTAGE DROPOUT (MAX)	2V @ 1A (Typ)
VOLTAGE - OUTPUT (MIN/FIXED)	6V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	35V
SUPPLIER DEVICE PACKAGE	TO-220-3
SERIES	-
PROTECTION FEATURES	Over Temperature, Short Circuit
PACKAGING	Tube
PACKAGE / CASE	TO-220-3
PSRR	65dB (120Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	0°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Through Hole
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 6V 1A TO-220-3
CURRENT - QUIESCENT (IQ)	6mA
CURRENT - OUTPUT	1A
CONTROL FEATURES	-
BASE PART NUMBER	MC7806

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<a href="#">Catalyst Semiconductor / ON Semiconductor MC7806AECT</a>	<a href="#">PulseCore Semiconductor / ON Semiconductor MC7806AECT</a>	<a href="#">Sanyo Semiconductor / ON Semiconductor MC7806AECT</a>

### Related Products

 <b>MC7806BD2TR4G</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 6V 1A D2PAK In stock: 745 pcs <a href="#">RFQ</a>	 <b>MC7805ECDTX</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 5V 1A TO252 In stock: 56 pcs <a href="#">RFQ</a>
 <b>MC7806BD2T</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 6V 1A D2PAK In stock: Out stock <a href="#">RFQ</a>	 <b>MC7805ECDTXM</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 5V 1A TO252 In stock: Out stock <a href="#">RFQ</a>
 <b>MC7806ACT</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 6V 1A TO220AB In stock: Out stock <a href="#">RFQ</a>	 <b>MC7805ECTBU</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 5V 1A TO220-3 In stock: Out stock <a href="#">RFQ</a>
 <b>MC7806ACTG</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 6V 1A TO220AB In stock: 888 pcs <a href="#">RFQ</a>	 <b>MC7806BD2TR4</b> Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 6V 1A D2PAK In stock: Out stock <a href="#">RFQ</a>
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