

ON Semiconductor®

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AMI Semiconductor / ON

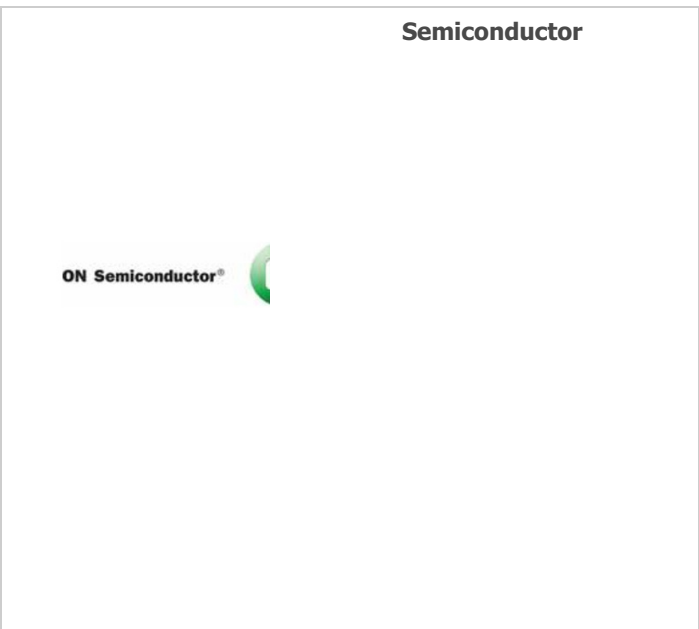


Image may be representation. See specifications for product details.

### MC7812AECTBU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC7812AECTBU                                                                                                 |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC REG LINEAR 12V 1A TO220-3                                                                                 |
| Datasheets:         |  1.MC7812AECTBU.pdf         |
|                     |  2.MC7812AECTBU.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 362567 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

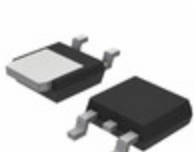
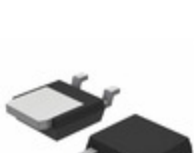
#### Specifications of MC7812AECTBU

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC7812AECTBU                                                                                           |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                   |
| DESCRIPTION                      | IC REG LINEAR 12V 1A TO220-3                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 362567 pcs                                                                                             |
| DATA SHEET                       |  1.MC7812AECTBU.pdf |
|                                  |  2.MC7812AECTBU.pdf |
| VOLTAGE DROPOUT (MAX)            | 2V @ 1A (Typ)                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 12V                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 35V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | TO-220-3                                                                                               |
| SERIES                           | -                                                                                                      |
| PROTECTION FEATURES              | Over Temperature, Short Circuit                                                                        |
| PACKAGING                        | Bulk                                                                                                   |
| PACKAGE / CASE                   | TO-220-3                                                                                               |
| PSRR                             | 60dB (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 12V 1A TO-220-3                                    |
| CURRENT - QUIESCENT (IQ)         | 6mA                                                                                                    |
| CURRENT - OUTPUT                 | 1A                                                                                                     |
| CONTROL FEATURES                 | -                                                                                                      |
| BASE PART NUMBER                 | MC7812                                                                                                 |

#### Related Tags

|                                                        |                                                         |                                                       |
|--------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MC7812AECTBU      | MC7812AECTBU Distributor                                | MC7812AECTBU Supplier                                 |
| MC7812AECTBU Price                                     | MC7812AECTBU Pictures                                   | MC7812AECTBU Image                                    |
| MC7812AECTBU PDF Datasheet                             | MC7812AECTBU Download Datasheet                         | MC7812AECTBU Datasheet                                |
| MC7812AECTBU Stock                                     | Buy MC7812AECTBU                                        | Buy AMI Semiconductor / ON Semiconductor MC7812AECTBU |
| AMI Semiconductor / ON Semiconductor MC7812AECTBU      | AMI Semiconductor / ON Semiconductor Supplier           | AMI Semiconductor / ON Semiconductor Distributor      |
| AMI Semiconductor / ON Semiconductor MC7812AECTBU      | ON Semiconductor MC7812AECTBU                           | Aptina / ON Semiconductor MC7812AECTBU                |
| Catalyst Semiconductor / ON Semiconductor MC7812AECTBU | PulseCore Semiconductor / ON Semiconductor MC7812AECTBU | Sanyo Semiconductor / ON Semiconductor MC7812AECTBU   |

#### Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>MC7812ACD2TG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 108137 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MC7812ACTG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220AB<br/>In stock: 175568 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MC7812BD2T</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 6955 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MC7812BDTG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A DPAK<br/>In stock: 161617 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MC7812BD2TR4</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 6109 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MC7812BD2TG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 114534 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MC7812ACD2TR4</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 3792 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MC7812ACD2TR4G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 219652 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MC7812BD2TR4G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A D2PAK<br/>In stock: 122282 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MC7812ACT</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220AB<br/>In stock: 3512 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MC7812AECT</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220-3<br/>In stock: 4879 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MC7812BDT</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A DPAK<br/>In stock: 6117 pcs<br/><div>RFQ</div></div>         |