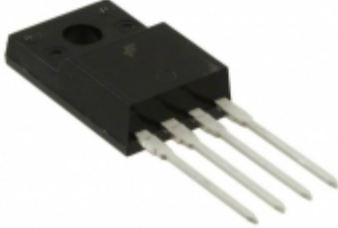


KA378R12CTU



ON Semiconductor®

Part Number: [KA378R12CTU](#)

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

Description: IC REG LINEAR 12V 3A TO220F-4L

Data sheet:  [KA378R12C](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy KA378R12CTU with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                  |                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | KA378R12CTU                               | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG LINEAR 12V 3A TO220F-4L            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 76556 pcs                                 | Data sheet                       | <a href="#">KA378R12C</a>                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.5V @ 3A                                                             |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                       | 12V                                       | Voltage - Output (Max)           | -                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                              | 35V                                       | Supplier Device Package          | TO-220F-4L                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Protection Features              | Over Current, Over Temperature, Over Voltage, Short Circuit           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                      | Package / Case                   | TO-220-4 Full Pack                                                    |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Output Type                      | Fixed                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                  | Other Names                      | KA378R12CTU-ND<br>KA378R12CTUFS                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                              | -20°C ~ 80°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 3A TO-220F-4L |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                           | 10mA                                      | Current - Output                 | 3A                                                                    |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Base Part Number                 | KA378R12                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 76556 pieces of AMI Semiconductor / ON Semiconductor KA378R12CTU in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                                     |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">KA3843B</a><br>Description: IC REG CTRLR 8DIP                  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA378R33TU</a><br>Description: IC REG LINEAR 3.3V 3A TO220F-4L | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358ADTF</a><br>Description: IC OPAMP GP 8SOIC                | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA378R05TSTU</a><br>Description: IC REG LINEAR 5V 3A TO220F-4L | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358S</a><br>Description: IC OPAMP GP 9SIP                    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358</a><br>Description: IC OPAMP GP 8DIP                     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3843ACS</a><br>Description: IC REG CTRLR 8DIP                | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3842ACS</a><br>Description: IC REG CTRLR PWM CM 8-DIP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3842BDTF</a><br>Description: IC REG CTRLR PWM CM 14-SOP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3843BD</a><br>Description: IC REG CTRLR 14-SOP               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3842B</a><br>Description: IC REG CTRLR PWM CM 8-DIP          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3842AES</a><br>Description: IC REG CTRLR PWM CM SMPS         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358D</a><br>Description: IC OPAMP GP 8SOIC                   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA378R05TU</a><br>Description: IC REG LINEAR 5V 3A TO220F-4L   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3843BDTF</a><br>Description: IC REG CTRLR 14-SOP             | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3842BD</a><br>Description: IC REG CTRLR PWM CM 14-SOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358STU</a><br>Description: IC OPAMP GP 9SIP                  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358DTF</a><br>Description: IC OPAMP GP 8SOIC                 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA3525A</a><br>Description: IC REG CTRLR 16DIP                 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KA358A</a><br>Description: IC OPAMP GP 8DIP                    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for KA378R12CTU

|                                        |                                      |                                           |                                            |
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|                                        |                                      | KA378R12CTU                               | KA378R12CTU                                |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| KA378R12CTU                            |                                      |                                           |                                            |

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