

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor

ON Semiconductor®

KA7812E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KA7812E                                                                                                      |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC REG LINEAR 12V 1A TO220-3                                                                                 |
|                     |  1.KA7812E.pdf              |
|                     |  2.KA7812E.pdf              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5417 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

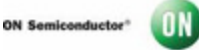
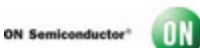
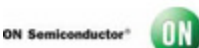
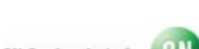
Specifications of KA7812E

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | KA7812E                                                                                                                                                                                                |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                                                                                                   |
| DESCRIPTION                      | IC REG LINEAR 12V 1A TO220-3                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 5417 pcs                                                                                                                                                                                               |
| DATA SHEET                       |  1.KA7812E.pdf<br> 2.KA7812E.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                             | 71dB (120Hz)                                                                                                                                                                                           |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°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)         | 8mA                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 1A                                                                                                                                                                                                     |
| CONTROL FEATURES                 | -                                                                                                                                                                                                      |
| BASE PART NUMBER                 | KA7812                                                                                                                                                                                                 |

Related Tags

|                                                   |                                                    |                                                  |
|---------------------------------------------------|----------------------------------------------------|--------------------------------------------------|
| AMI Semiconductor / ON Semiconductor KA7812E      | KA7812E Distributor                                | KA7812E Supplier                                 |
| KA7812E Price                                     | KA7812E Pictures                                   | KA7812E Image                                    |
| KA7812E PDF Datasheet                             | KA7812E Download Datasheet                         | KA7812E Datasheet                                |
| KA7812E Stock                                     | Buy KA7812E                                        | Buy AMI Semiconductor / ON Semiconductor KA7812E |
| AMI Semiconductor / ON Semiconductor KA7812E      | AMI Semiconductor / ON Semiconductor Supplier      | AMI Semiconductor / ON Semiconductor Distributor |
| AMI Semiconductor / ON Semiconductor KA7812E      | ON Semiconductor KA7812E                           | Aptina / ON Semiconductor KA7812E                |
| Catalyst Semiconductor / ON Semiconductor KA7812E | PulseCore Semiconductor / ON Semiconductor KA7812E | Sanyo Semiconductor / ON Semiconductor KA7812E   |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div><div><b>KA7812ERTF</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A DPAK<br/>In stock: 5516 pcs</div><div>RFQ</div></div>      | <div><div><b>KA7812AE</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220-3<br/>In stock: 7018 pcs</div><div>RFQ</div></div>     |
| <div><div><b>KA7812ETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220-3<br/>In stock: 128026 pcs</div><div>RFQ</div></div>  | <div><div><b>KA7815AETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 15V 1A TO220-3<br/>In stock: 115106 pcs</div><div>RFQ</div></div> |
| <div><div><b>KA7810AETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 10V 1A TO220-3<br/>In stock: 119153 pcs</div><div>RFQ</div></div> | <div><div><b>KA7812ERTM</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A DPAK<br/>In stock: 274760 pcs</div><div>RFQ</div></div>    |
| <div><div><b>KA7812ETSTU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220-3<br/>In stock: 6321 pcs</div><div>RFQ</div></div>  | <div><div><b>KA7810ETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 10V 1A TO220-3<br/>In stock: 114560 pcs</div><div>RFQ</div></div>  |
| <div><div><b>KA7809ETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 9V 1A TO220-3<br/>In stock: 129111 pcs</div><div>RFQ</div></div>   | <div><div><b>KA7815AE</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 15V 1A TO220-3<br/>In stock: 2728 pcs</div><div>RFQ</div></div>     |
| <div><div><b>KA7809ETSTU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 9V 1A TO220-3<br/>In stock: 5979 pcs</div><div>RFQ</div></div>   | <div><div><b>KA7812AETU</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 12V 1A TO220-3<br/>In stock: 111839 pcs</div><div>RFQ</div></div> |