

AP3512EMTR-G1



Part Number: [AP3512EMTR-G1](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG BUCK ADJ 2A SYNC

Data sheet:  [AP3512E](#)

RoHS Status: Lead free / RoHS Compliant

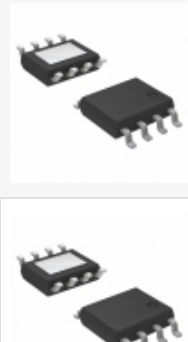
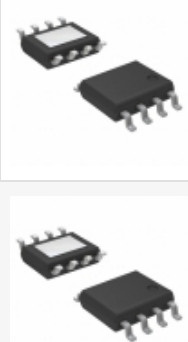
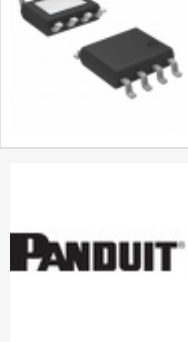
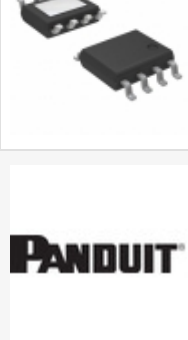
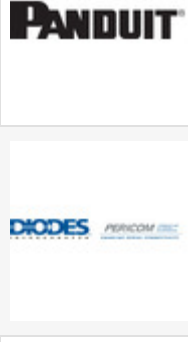
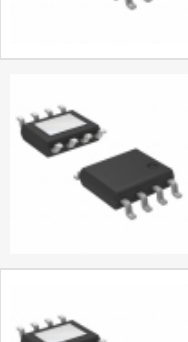
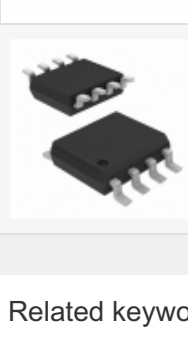
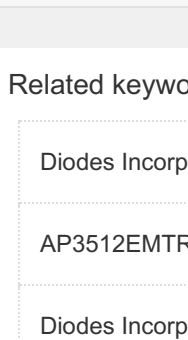
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                  |                                  |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AP3512EMTR-G1                                                                                    | Manufacturer                     | <a href="#">Diodes Incorporated</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG BUCK ADJ 2A SYNC                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 411029 pcs                                                                                       | Data sheet                       | <a href="#">AP3512E</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                        | Voltage - Output (Min/Fixed)     | 0.925V                                |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16.2V                                                                                            | Voltage - Input (Min)            | 4.5V                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18V                                                                                              | Topology                         | Buck                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                                                                              | Supplier Device Package          | 8-SOIC                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                | Packaging                        | Tape & Reel (TR)                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC (0.154", 3.90mm Width)                                                                    | Output Type                      | Adjustable                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                                                         | Other Names                      | AP3512EMTR-G1-ND<br>AP3512EMTR-G1DITR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)                                                                                | Number of Outputs                | 1                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22 Weeks                                                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Down                                                                                        | Frequency - Switching            | 500kHz                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck Switching Regulator IC Positive Adjustable 0.925V 1 Output 2A 8-SOIC (0.154", 3.90mm Width) | Current - Output                 | 2A                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 411029 pieces of Diodes Incorporated AP3512EMTR-G1 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                  |                                  |                                       |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                    |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-----|
|  | Part#: <a href="#">AP350W06-Q49</a><br>Description: MARKER PLATE ALUM GOLD 3.5"     | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP3581AMPTR-G1</a><br>Description: IC REG CTRLR BUCK 8PSOP       | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3513EMPTR-G1</a><br>Description: IC REG BUCK ADJ 3A SYNC 8SOIC | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3581CMP-G1</a><br>Description: IC REG CTRLR BUCK 8PSOP         | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3581AMP-G1</a><br>Description: IC REG CTRLR BUCK 8PSOP         | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP350W06-Q6</a><br>Description: MARKER PLATE ALUM BLUE 3.5"      | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP3581CMPTR-G1</a><br>Description: IC REG CTRLR BUCK 8PSOP       | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP350W06-Q2</a><br>Description: MARKER PLATE ALUM RED 3.5"       | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP3503UHMPTR-G1</a><br>Description: IC REG BUCK                  | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP350W06-Q0</a><br>Description: MARKER PLATE ALUM BLACK 3.5"     | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP3581BMP-G1</a><br>Description: IC REG CTRLR BUCK 8PSOP         | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP350W06-Q5</a><br>Description: MARKER PLATE ALUM GREEN 3.5"     | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP350HW86-C</a><br>Description: MARKER PLATE ALUM 4H 3.5"        | Manufacturers: <a href="#">Panduit</a>             | RFQ |
|  | Part#: <a href="#">AP3585AMTR-G1</a><br>Description: IC REG BUCK                    | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3503MPTR-G1</a><br>Description: IC REG BUCK ADJ 3A SYNC        | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3581BMPTR-G1</a><br>Description: IC REG CTRLR BUCK 8SOIC       | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3585BMPTR-G1</a><br>Description: IC REG CTRLR BUCK 8SO         | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3585AMPTR-G1</a><br>Description: IC REG CTRLR BUCK 8SO         | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3512EMPTR-G1</a><br>Description: IC REG BUCK ADJ 2A SYNC 8SOIC | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |
|  | Part#: <a href="#">AP3503HMPTR-G1</a><br>Description: IC REG BUCK                   | Manufacturers: <a href="#">Diodes Incorporated</a> | RFQ |

| Related keywords for AP3512EMTR-G1 |                           |                                     |                                            |
|------------------------------------|---------------------------|-------------------------------------|--------------------------------------------|
| Diodes Incorporated AP3512EMTR-G1  | AP3512EMTR-G1 distributor | AP3512EMTR-G1 supplier              | AP3512EMTR-G1 price                        |
| AP3512EMTR-G1 download datasheet   | AP3512EMTR-G1 datasheet   | AP3512EMTR-G1 stock                 | buy AP3512EMTR-G1                          |
| Diodes Incorporated AP3512EMTR-G1  | Diodes Inc AP3512EMTR-G1  | Pericom Semiconductor AP3512EMTR-G1 | Zetex Semiconductors (Diodes Incorporated) |
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