





Diodes Incorporated



PERICOM




AZ7500CMTR-EA

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|---------------------|--|
| Part Number:        | AZ7500CMTR-EA  |
| Manufacturer/Brand: | Diodes Incorporated  |
| Product description | IC REG CTRLR BUCK 16SOIC   |
| Datasheets:         |  AZ7500CMTR-EA.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 474976 pcs stock   |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION













Specifications of AZ7500CMTR-EA

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | AZ7500CMTR-EA   |
| MANUFACTURER                     | Diodes Incorporated   |
| DESCRIPTION                      | IC REG CTRLR BUCK 16SOIC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 474976 pcs  |
| DATA SHEET                       |  AZ7500CMTR-EA.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7 V ~ 36 V  |
| TOPOLOGY                         | Buck  |
| SYNCHRONOUS RECTIFIER            | No  |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC   |
| SERIES                           | -   |
| SERIAL INTERFACES                | -   |
| PACKAGING                        | Tape & Reel (TR)  |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)  |
| OUTPUT TYPE                      | Transistor Driver   |
| OUTPUT PHASES                    | 1   |
| OUTPUT CONFIGURATION             | Positive  |
| OTHER NAMES                      | AZ7500CMTR-EADI   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF OUTPUTS                | 1   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| FUNCTION                         | Step-Down   |
| FREQUENCY - SWITCHING            | 1kHz ~ 200kHz   |
| DUTY CYCLE (MAX)                 | 45%   |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC                                  |
| CONTROL FEATURES                 | Enable  |
| CLOCK SYNC                       | No  |

Related Tags

|  |                                  |                                       |
|--|----------------------------------|---------------------------------------|
| Diodes Incorporated AZ7500CMTR-EA                        | AZ7500CMTR-EA Distributor        | AZ7500CMTR-EA Supplier                |
| AZ7500CMTR-EA Price                                      | AZ7500CMTR-EA Pictures           | AZ7500CMTR-EA Image                   |
| AZ7500CMTR-EA PDF Datasheet                              | AZ7500CMTR-EA Download Datasheet | AZ7500CMTR-EA Datasheet               |
| AZ7500CMTR-EA Stock                                      | Buy AZ7500CMTR-EA                | Buy Diodes Incorporated AZ7500CMTR-EA |
| Diodes Incorporated AZ7500CMTR-EA                        | Diodes Incorporated Supplier     | Diodes Incorporated Distributor       |
| Diodes Incorporated AZ7500CMTR-EA                        | Diodes Inc AZ7500CMTR-EA         | Pericom Semiconductor AZ7500CMTR-EA   |
| Zetex Semiconductors (Diodes Incorporated) AZ7500CMTR-EA |                                  |                                       |

Related Products

|   |  |
|---|--|
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500CMTR-GA</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 389976 pcs</p><p>RFQ</p></div>  | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500CP-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16DIP</p><p>In stock: 399469 pcs</p><p>RFQ</p></div>     |
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500EUP-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16DIP</p><p>In stock: 453667 pcs</p><p>RFQ</p></div>    | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500BUP-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16DIP</p><p>In stock: 412858 pcs</p><p>RFQ</p></div>    |
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500EP-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16DIP</p><p>In stock: 136476 pcs</p><p>RFQ</p></div>     | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500BUMTR-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 525453 pcs</p><p>RFQ</p></div> |
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500CUMTR-EA</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 525588 pcs</p><p>RFQ</p></div> | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500BMTR-AE1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 458298 pcs</p><p>RFQ</p></div> |
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7045ZTR-G1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC RESET GENERATOR</p><p>In stock: 1143194 pcs</p><p>RFQ</p></div>        | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500BMTR-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 367876 pcs</p><p>RFQ</p></div>  |
| <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500CUMTR-GA</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16SOIC</p><p>In stock: 518415 pcs</p><p>RFQ</p></div> | <div><div>Diodes Incorporated</div></div> <div><p><b>AZ7500BP-E1</b></p><p>Manufacturers: Diodes Incorporated</p><p>Description: IC REG CTRLR BUCK 16DIP</p><p>In stock: 152525 pcs</p><p>RFQ</p></div>     |