

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1827T-1802E/ET

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1827T-1802E/ET                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 1.8V 1.5A 5DDPAK                                                                               |
| Datasheets:         |  MCP1827T-1802E/ET.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 93594 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCP1827T-1802E/ET

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1827T-1802E/ET                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1.5A 5DDPAK                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 93594 pcs                                                                                                 |
| DATA SHEET                       |  MCP1827T-1802E/ET.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 1.5A                                                                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 5-DDPAK                                                                                                   |
| SERIES                           | -                                                                                                         |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA                                                    |
| PSRR                             | 60dB (100Hz)                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                             |
| NUMBER OF REGULATORS             | 1                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                             |
| 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 1.8V 1.5A 5-DDPAK                                     |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                     |
| CURRENT - OUTPUT                 | 1.5A                                                                                                      |
| CONTROL FEATURES                 | Enable, Power Good                                                                                        |
| BASE PART NUMBER                 | MCP1827                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1827T-1802E/ET | MCP1827T-1802E/ET Distributor          | MCP1827T-1802E/ET Supplier                               |
| MCP1827T-1802E/ET Price                         | MCP1827T-1802E/ET Pictures             | MCP1827T-1802E/ET Image                                  |
| MCP1827T-1802E/ET PDF Datasheet                 | MCP1827T-1802E/ET Download Datasheet   | MCP1827T-1802E/ET Datasheet                              |
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Related Products

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|  <div><b>MCP1827T-0802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1.5A 5DDPAK<br/>In stock: 116932 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP1827T-1202E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A 5DDPAK<br/>In stock: 119651 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1827T-2502E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A 5DDPAK<br/>In stock: 121386 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP1827T-ADJE/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 1.5A 5DDPAK<br/>In stock: 108131 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1827T-3302E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 5DDPAK<br/>In stock: 119658 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP18480-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC HOT SWAP CTRLR -48V 20SSOP<br/>In stock: 15656 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MCP1827ST-2502E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A 3DDPAK<br/>In stock: 121338 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1827ST-3002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 3DDPAK<br/>In stock: 99675 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1827ST-5002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 3DDPAK<br/>In stock: 102651 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1827T-3002E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 5DDPAK<br/>In stock: 117555 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1827T-5002E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 5DDPAK<br/>In stock: 112492 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP1827ST-3302E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 3DDPAK<br/>In stock: 93947 pcs<br/><div>RFQ</div></div> |