

MICROCHIP

Micrel / Microchip Technology

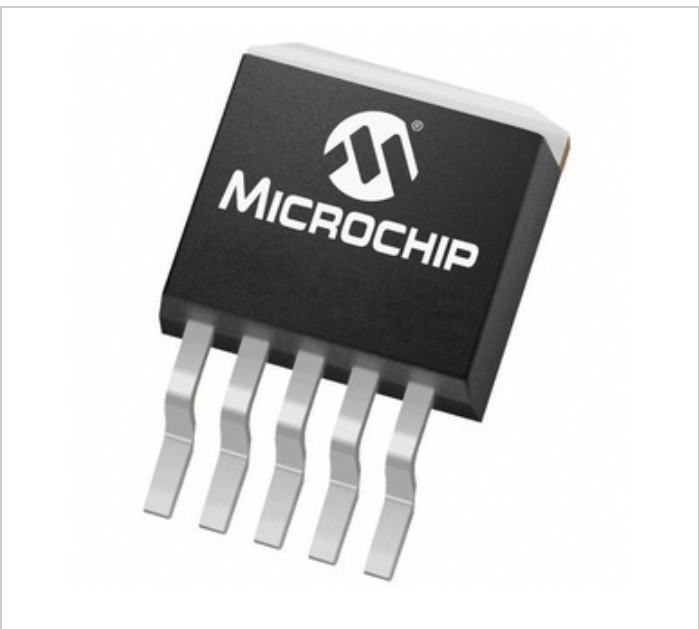


Image may be representation. See specifications for product details.

### MCP1827-0802E/ET

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1827-0802E/ET                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG LINEAR 0.8V 1.5A 5DDPAK                                                                                         |
| Datasheets:         |  <a href="#">MCP1827-0802E/ET.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 109450 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

#### Specifications of MCP1827-0802E/ET

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1827-0802E/ET                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 0.8V 1.5A 5DDPAK                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 109450 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">MCP1827-0802E/ET.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 1.5A                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 5-DDPAK                                                                                                                  |
| SERIES                           | -                                                                                                                        |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                            |
| PACKAGING                        | Tube                                                                                                                     |
| 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 0.8V 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 MCP1827-0802E/ET | MCP1827-0802E/ET Distributor           | MCP1827-0802E/ET Supplier                               |
| MCP1827-0802E/ET Price                         | MCP1827-0802E/ET Pictures              | MCP1827-0802E/ET Image                                  |
| MCP1827-0802E/ET PDF Datasheet                 | MCP1827-0802E/ET Download Datasheet    | MCP1827-0802E/ET Datasheet                              |
| MCP1827-0802E/ET Stock                         | Buy MCP1827-0802E/ET                   | Buy Micrel / Microchip Technology MCP1827-0802E/ET      |
| Micrel / Microchip Technology MCP1827-0802E/ET | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1827-0802E/ET | Microchip Technology MCP1827-0802E/ET  | Roving Networks / Microchip Technology MCP1827-0802E/ET |

#### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>MCP1826T-5002E/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1A SOT223-5<br/>In stock: 171813 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1826T-5002E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1A 5DDPAK<br/>In stock: 135655 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP1827-1802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A 5DDPAK<br/>In stock: 90572 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1827-2502E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A 5DDPAK<br/>In stock: 84059 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1827-1202E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A TO220-5<br/>In stock: 71655 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP1827-2502E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A TO220-5<br/>In stock: 122424 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1827-1202E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A 5DDPAK<br/>In stock: 80978 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1826T-ADJE/DC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 1A SOT223-5<br/>In stock: 152726 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1827-0802E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1.5A TO220-5<br/>In stock: 113838 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1827-1802E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A TO220-5<br/>In stock: 95021 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1826T-3302E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1A 5DDPAK<br/>In stock: 112268 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1826T-ADJE/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR POS ADJ 1A 5DDPAK<br/>In stock: 115942 pcs<br/><div>RFQ</div></div> |