



Micrel / Microchip Technology



MCP1827S-2502E/EB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1827S-2502E/EB                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 2.5V 1.5A 3DDPAK                                                                               |
| Datasheets:         |  MCP1827S-2502E/EB.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 74559 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MCP1827S-2502E/EB

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1827S-2502E/EB                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC REG LINEAR 2.5V 1.5A 3DDPAK                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 74559 pcs                                                                                                 |
| DATA SHEET                       |  MCP1827S-2502E/EB.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 1.5A                                                                                               |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 3-DDPAK                                                                                                   |
| SERIES                           | -                                                                                                         |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                             |
| PACKAGING                        | Tube                                                                                                      |
| PACKAGE / CASE                   | TO-263-4, D <sup>2</sup> Pak (3 Leads + Tab), TO-263AA                                                    |
| 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 2.5V 1.5A 3-DDPAK                                     |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                     |
| CURRENT - OUTPUT                 | 1.5A                                                                                                      |
| CONTROL FEATURES                 | -                                                                                                         |
| BASE PART NUMBER                 | MCP1827S                                                                                                  |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1827S-2502E/EB | MCP1827S-2502E/EB Distributor          | MCP1827S-2502E/EB Supplier                               |
| MCP1827S-2502E/EB Price                         | MCP1827S-2502E/EB Pictures             | MCP1827S-2502E/EB Image                                  |
| MCP1827S-2502E/EB PDF Datasheet                 | MCP1827S-2502E/EB Download Datasheet   | MCP1827S-2502E/EB Datasheet                              |
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Related Products

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| <div><div><b>MCP1827S-2502E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1.5A TO220-3<br/>In stock: 91568 pcs</div><div>RFQ</div></div> | <div><div><b>MCP1827S-1802E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A TO220-3<br/>In stock: 107677 pcs</div><div>RFQ</div></div> |
| <div><div><b>MCP1827S-3002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A 3DDPAK<br/>In stock: 83900 pcs</div><div>RFQ</div></div>    | <div><div><b>MCP1827S-0802E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1.5A 3DDPAK<br/>In stock: 91600 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MCP1827S-3002E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1.5A TO220-3<br/>In stock: 91597 pcs</div><div>RFQ</div></div>   | <div><div><b>MCP1827S-1802E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1.5A 3DDPAK<br/>In stock: 113179 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MCP1827S-5002E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A 3DDPAK<br/>In stock: 81747 pcs</div><div>RFQ</div></div>    | <div><div><b>MCP1827S-3302E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A 3DDPAK<br/>In stock: 87947 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MCP1827S-5002E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 1.5A TO220-3<br/>In stock: 91637 pcs</div><div>RFQ</div></div>   | <div><div><b>MCP1827S-1202E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A 3DDPAK<br/>In stock: 79598 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MCP1827S-3302E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1.5A TO220-3<br/>In stock: 86885 pcs</div><div>RFQ</div></div> | <div><div><b>MCP1827S-1202E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1.5A TO220-3<br/>In stock: 91504 pcs</div><div>RFQ</div></div>  |