



Micrel / Microchip Technology

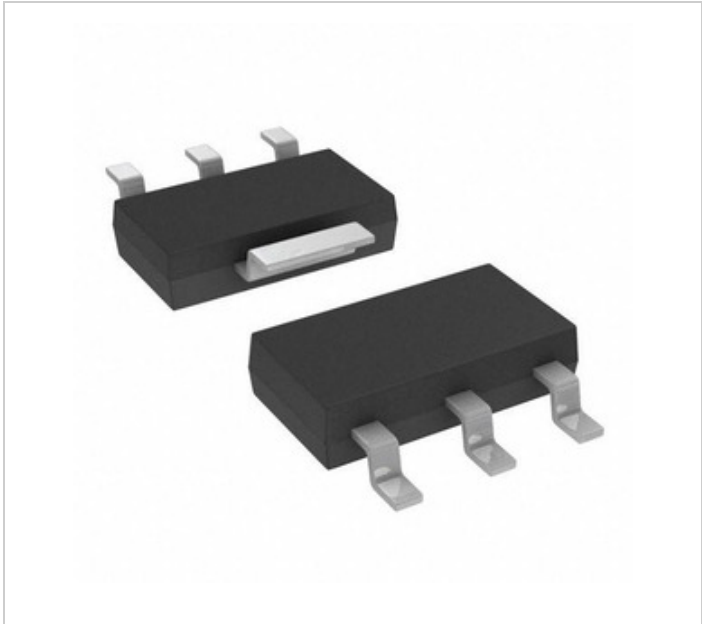


Image may be representation. See specifications for product details.

MCP1825S-1802E/DB

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1825S-1802E/DB                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LIN 1.8V 500MA SOT223-3                                                                                          |
| Datasheets:         |  <a href="#">MCP1825S-1802E/DB.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

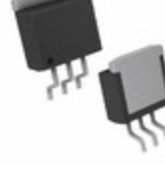
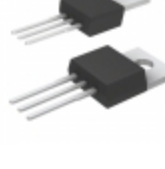
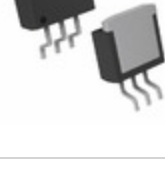
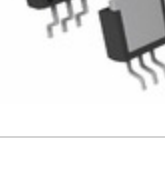
Specifications of MCP1825S-1802E/DB

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1825S-1802E/DB                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LIN 1.8V 500MA SOT223-3                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">MCP1825S-1802E/DB.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 500mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | SOT-223-3                                                                                                                 |
| SERIES                           | -                                                                                                                         |
| PROTECTION FEATURES              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)                                                             |
| PACKAGING                        | Tube                                                                                                                      |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                        |
| PSRR                             | 60dB (100Hz)                                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | MCP1825S1802EDB                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                             |
| NUMBER OF REGULATORS             | 1                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 500mA SOT-223-3                                                  |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                                     |
| CURRENT - OUTPUT                 | 500mA                                                                                                                     |
| CONTROL FEATURES                 | -                                                                                                                         |
| BASE PART NUMBER                 | MCP1825S                                                                                                                  |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP1825S-1802E/DB | MCP1825S-1802E/DB Distributor          | MCP1825S-1802E/DB Supplier                               |
| MCP1825S-1802E/DB Price                         | MCP1825S-1802E/DB Pictures             | MCP1825S-1802E/DB Image                                  |
| MCP1825S-1802E/DB PDF Datasheet                 | MCP1825S-1802E/DB Download Datasheet   | MCP1825S-1802E/DB Datasheet                              |
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Related Products

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| <div></div> <div><b>MCP1825S-2502E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 3DDPAK<br/>In stock: 552 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCP1825S-1202E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 500MA SOT223-3<br/>In stock: 977 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MCP1825S-1802E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 500MA TO220-3<br/>In stock: 71 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCP1825S-1802E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 500MA 3DDPAK<br/>In stock: 551 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1825S-3002E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO220-3<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP1825S-1202E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA TO220-3<br/>In stock: 5 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MCP1825S-0802E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 500MA 3DDPAK<br/>In stock: 723 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCP1825S-2502E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 500MA SOT223-3<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP1825S-3002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223-3<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCP1825S-1202E/EB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 3DDPAK<br/>In stock: 440 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1825S-2502E/AB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO220-3<br/>In stock: 594 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP1825S-0802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 0.8V 500MA SOT223-3<br/>In stock: 233 pcs<br/><div>RFQ</div></div>   |