



Micrel / Microchip Technology



MCP1825S-1802E/DB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1825S-1802E/DB                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LIN 1.8V 500MA SOT223-3                                                                               |
| Datasheets:         |  MCP1825S-1802E/DB.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 200253 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 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                                                                                |
| QUANTITY AVAILABLE               | 200253 pcs                                                                                                |
| DATA SHEET                       |  MCP1825S-1802E/DB.pdf |
| 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)                                                                                             |
| 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                              |
| MCP1825S-1802E/DB Stock                         | Buy MCP1825S-1802E/DB                  | Buy Micrel / Microchip Technology MCP1825S-1802E/DB      |
| Micrel / Microchip Technology MCP1825S-1802E/DB | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP1825S-1802E/DB | Microchip Technology MCP1825S-1802E/DB | Roving Networks / Microchip Technology MCP1825S-1802E/DB |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <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: 190340 pcs</div><div>RFQ</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: 105890 pcs</div><div>RFQ</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: 98726 pcs</div><div>RFQ</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: 179923 pcs</div><div>RFQ</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: 167092 pcs</div><div>RFQ</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: 141450 pcs</div><div>RFQ</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: 195879 pcs</div><div>RFQ</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: 122782 pcs</div><div>RFQ</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: 123970 pcs</div><div>RFQ</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: 113226 pcs</div><div>RFQ</div></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: 129827 pcs</div><div>RFQ</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: 114221 pcs</div><div>RFQ</div></div> |