

MCP1826S-0802E/DB



Part Number: MCP1826S-0802E/DB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 0.8V 1A SOT223-3

Data sheet:  MCP1826/26S

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

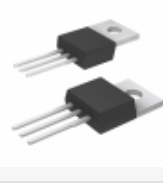
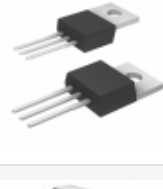
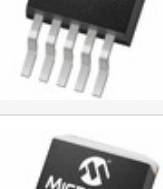
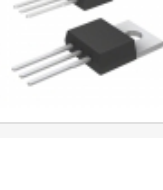
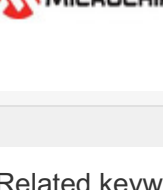
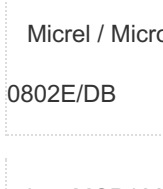
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Request For Quotation

| PRODUCT PARAMETER                |                                |                                 |                                                                       |
|----------------------------------|--------------------------------|---------------------------------|-----------------------------------------------------------------------|
| Part Number                      | MCP1826S-0802E/DB              | Manufacturer                    | Micrel / Microchip Technology                                         |
| Description                      | IC REG LINEAR 0.8V 1A SOT223-3 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                            |
| Quantity Available               | 114575 pcs                     | Data sheet                      | MCP1826/26S                                                           |
| Category                         | Integrated Circuits (ICs)      | Voltage Dropout (Max)           | 0.4V @ 1A                                                             |
| Voltage - Output (Min/Fixed)     | 0.8V                           | 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                       | 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 0.8V 1A SOT-223-3 |
| Current - Quiescent (Iq)         | 220µA                          | Current - Output                | 1A                                                                    |
| Control Features                 | -                              | Base Part Number                | MCP1826S                                                              |

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|  | Part#: MCP1826-3002E/AT<br>Description: IC REG LINEAR 3V 1A TO220-5     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1826S-1202E/AB<br>Description: IC REG LINEAR 1.2V 1A TO220-3  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1826S-1802E/AB<br>Description: IC REG LINEAR 1.8V 1A TO220-3  | Manufacturers: Micrel / Microchip Technology | RFQ |
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