

MCP1725T-ADJE/MC



Part Number: [MCP1725T-ADJE/MC](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC REG LINEAR POS ADJ 500MA 8DFN
Data sheet: [Portable Power Conversion Design Guide](#)
[MCP1725 Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER

| | | | |
|--|--|---|---|
| Part Number | MCP1725T-ADJE/MC | Manufacturer | Micrel / Microchip Technology |
| Description | IC REG LINEAR POS ADJ 500MA 8DFN | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 153116 pcs | Data sheet | Portable Power Conversion Design Guide MCP1725 Datasheet |
| Category | Integrated Circuits (ICs) | Voltage Dropout (Max) | 0.35V @ 500mA |
| Voltage - Output (Min/Fixed) | 0.8V | Voltage - Output (Max) | 5V |
| Voltage - Input (Max) | 6V | Supplier Device Package | 8-DFN (2x3) |
| Series | - | Protection Features | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) |
| Packaging | Tape & Reel (TR) | Package / Case | 8-VDFN Exposed Pad |
| PSRR | 60dB (100Hz) | Output Type | Adjustable |
| Output Configuration | Positive | Other Names | MCP1725T-ADJE/MC-ND MCP1725T-ADJE/MCTR |
| Operating Temperature | -40°C ~ 125°C | Number of Regulators | 1 |
| Mounting Type | Surface Mount | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 8 Weeks | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Detailed Description | Linear Voltage Regulator IC Positive Adjustable 1 Output 0.8 V ~ 5 V 500mA 8-DFN (2x3) | Current - Quiescent (Iq) | 220µA |
| Current - Output | 500mA | Control Features | Enable, Power Good |
| Base Part Number | MCP1725 | | |

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| | Part#: MCP1726-1202E/SN Description: IC REG LINEAR 1.2V 1A 8SOIC | Manufacturers: Micrel / Microchip Technology | RFQ |
| | Part#: MCP1726-1802E/MF Description: IC REG LINEAR 1.8V 1A 8DFN | Manufacturers: Micrel / Microchip Technology | RFQ |
| | Part#: MCP1726-0802E/MF Description: IC REG LINEAR 0.8V 1A 8DFN | Manufacturers: Micrel / Microchip Technology | RFQ |
| | Part#: MCP1725T-3002E/MC Description: IC REG LINEAR 3V 500MA 8DFN | Manufacturers: Micrel / Microchip Technology | RFQ |
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