

MCP1824T-ADJE/OT





Part Number: MCP1824T-ADJE/OT

Manufacturer: Micrel / Microchip Technology

Description: IC REG LIN POS ADJ 300MA SOT23-5

Data sheet:  MCP1824/S Datasheet

RoHs Status: Lead free / RoHS Compliant

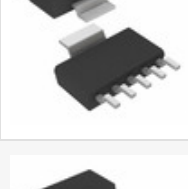
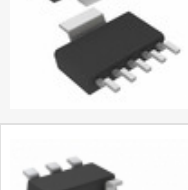
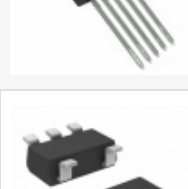
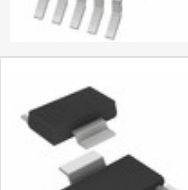
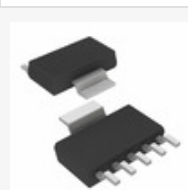
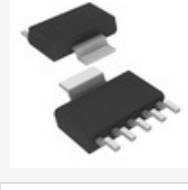
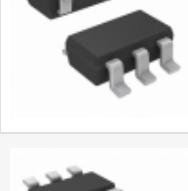
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                  |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP1824T-ADJE/OT                                                                    | Manufacturer                     | Micrel / Microchip Technology                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LIN POS ADJ 300MA SOT23-5                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 200778 pcs                                                                          | Data sheet                       | MCP1824/S Datasheet                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | Integrated Circuits (ICs)                                                           | Voltage Dropout (Max)            | 0.32V @ 300mA                                                 |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                               | 0.8V                                                                                | Voltage - Output (Max)           | 5V                                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 6V                                                                                  | Supplier Device Package          | SOT-23-5                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                   | Protection Features              | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                                    | Package / Case                   | SC-74A, SOT-753                                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                       | 55dB (100Hz)                                                                        | Output Type                      | Adjustable                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                            | Other Names                      | MCP1824T-ADJE/OTTR<br>MCP1824TADJEOT                          |
| 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 Adjustable 1 Output 0.8 V ~ 5 V 300mA SOT-23-5 | Current - Quiescent (Iq)         | 220µA                                                         |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                                                               | Control Features                 | Enable                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP1824                                                                             |                                  |                                                               |
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| RELATED PRODUCTS                                                                   |                                                                             |                                              |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP1825-1802E/AT<br>Description: IC REG LINEAR 1.8V 500MA TO220-5    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1825-1202E/ET<br>Description: IC REG LINEAR 1.2V 500MA 5DDPAK     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1824T-3302E/OT<br>Description: IC REG LINEAR 3.3V 300MA SOT23-5   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1825-0802E/AT<br>Description: IC REG LINEAR 0.8V 500MA TO220-5    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1824T-5002E/DC<br>Description: IC REG LINEAR 5V 300MA SOT223-5    | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP1824T-2502E/OT<br>Description: IC REG LINEAR 2.5V 300MA SOT23-5   | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP1824T-ADJE/DC<br>Description: IC REG LIN POS ADJ 300MA SOT223     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1825-3002E/AT<br>Description: IC REG LINEAR 3V 500MA TO220-5      | Manufacturers: Micrel / Microchip Technology | RFQ |
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| Related keywords for MCP1824T-ADJE/OT          |                                       |                                        |                        |
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