

MCP1827-3302E/AT





Part Number: MCP1827-3302E/AT

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 3.3V 1.5A TO220-5

Data sheet:  MCP1827(S, ST, T)

RoHs Status: Lead free / RoHS Compliant

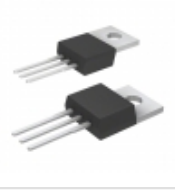
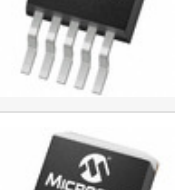
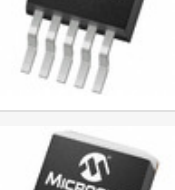
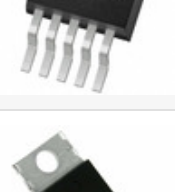
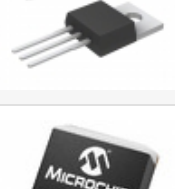
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                                 |                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP1827-3302E/AT                | Manufacturer                    | Micrel / Microchip Technology                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 3.3V 1.5A TO220-5 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 75438 pcs                       | Data sheet                      | MCP1827(S, ST, T)                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)       | Voltage Dropout (Max)           | 0.6V @ 1.5A                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                              | 3.3V                            | Voltage - Output (Max)          | -                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | 6V                              | Supplier Device Package         | TO-220-5                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                               | Protection Features             | Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                            | Package / Case                  | TO-220-5                                                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60dB (100Hz)                    | Output Type                     | Fixed                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                        | Operating Temperature           | -40°C ~ 125°C                                                          |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                               | Mounting Type                   | Through Hole                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                   | Manufacturer Standard Lead Time | 13 Weeks                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant      | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 3.3V 1.5A TO-220-5 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                  | 220µA                           | Current - Output                | 1.5A                                                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                          | Enable, Power Good              | Base Part Number                | MCP1827                                                                |
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| RELATED PRODUCTS                                                                   |                                                                          |                                              |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP1827-2502E/AT<br>Description: IC REG LINEAR 2.5V 1.5A TO220-5  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-ADJE/ET<br>Description: IC REG LIN POS ADJ 1.5A 5DDPAK    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827S-1202E/AB<br>Description: IC REG LINEAR 1.2V 1.5A TO220-3 | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-3002E/AT<br>Description: IC REG LINEAR 3V 1.5A TO220-5    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-2502E/ET<br>Description: IC REG LINEAR 2.5V 1.5A 5DDPAK   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-ADJE/AT<br>Description: IC REG LIN POS ADJ 1.5A TO220-5   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827S-1202E/EB<br>Description: IC REG LINEAR 1.2V 1.5A 3DDPAK  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-1802E/AT<br>Description: IC REG LINEAR 1.8V 1.5A TO220-5  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827S-0802E/EB<br>Description: IC REG LINEAR 0.8V 1.5A 3DDPAK  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827-3302E/ET<br>Description: IC REG LINEAR 3.3V 1.5A 5DDPAK   | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP1827-5002E/AT<br>Description: IC REG LINEAR 5V 1.5A TO220-5    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1827S-0802E/AB<br>Description: IC REG LINEAR 0.8V 1.5A TO220-3 | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP1827-3302E/AT

|                                                |                                       |                                                         |                        |
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