

MICROCHIP

Micrel / Microchip Technology

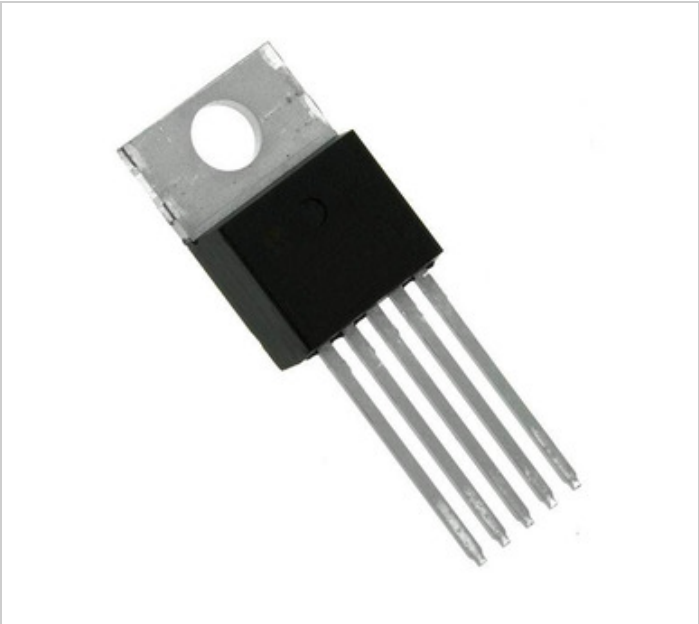


Image may be representation. See specifications for product details.

### MCP1826-1802E/AT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1826-1802E/AT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 1.8V 1A TO220-5                                                                                |
| Datasheets:         |  MCP1826-1802E/AT.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MCP1826-1802E/AT

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1826-1802E/AT                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1A TO220-5                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  MCP1826-1802E/AT.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.4V @ 1A                                                                                                |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                     |
| 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  | 5 Weeks                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 1A TO-220-5                                     |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                    |
| CURRENT - OUTPUT                 | 1A                                                                                                       |
| CONTROL FEATURES                 | Enable, Power Good                                                                                       |
| BASE PART NUMBER                 | MCP1826                                                                                                  |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1826-1802E/AT | MCP1826-1802E/AT Distributor           | MCP1826-1802E/AT Supplier                               |
| MCP1826-1802E/AT Price                         | MCP1826-1802E/AT Pictures              | MCP1826-1802E/AT Image                                  |
| MCP1826-1802E/AT PDF Datasheet                 | MCP1826-1802E/AT Download Datasheet    | MCP1826-1802E/AT Datasheet                              |
| MCP1826-1802E/AT Stock                         | Buy MCP1826-1802E/AT                   | Buy Micrel / Microchip Technology MCP1826-1802E/AT      |
| Micrel / Microchip Technology MCP1826-1802E/AT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1826-1802E/AT | Microchip Technology MCP1826-1802E/AT  | Roving Networks / Microchip Technology MCP1826-1802E/AT |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                     |
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|  <div><b>MCP1826-3002E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1A 5DDPAK<br/>In stock: 595 pcs<br/><div>RFQ</div></div>          |  <div><b>MCP1825T-ADJE/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCP1826-0802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1A 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MCP1826-2502E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1A 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MCP1826-1202E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1A 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MCP1826-3302E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 1A TO220-5<br/>In stock: 480 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP1826-1802E/ET</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1A 5DDPAK<br/>In stock: 234 pcs<br/><div>RFQ</div></div>        |  <div><b>MCP1826-0802E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 0.8V 1A TO220-5<br/>In stock: 552 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP1826-3002E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 1A TO220-5<br/>In stock: 130 pcs<br/><div>RFQ</div></div>         |  <div><b>MCP1826-2502E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 1A TO220-5<br/>In stock: 530 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP1825T-ADJE/ETVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 5DDPAK<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCP1826-1202E/AT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 1A TO220-5<br/>In stock: 447 pcs<br/><div>RFQ</div></div>     |