



Micrel / Microchip Technology



MCP1810T-42I/J8A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1810T-42I/J8A                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 4.2V 100MA 8VDFN                                                                               |
| Datasheets:         |  MCP1810T-42I/J8A.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 240422 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MCP1810T-42I/J8A

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | MCP1810T-42I/J8A                                                                                         |
| MANUFACTURER                   | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                    | IC REG LINEAR 4.2V 100MA 8VDFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE             | 240422 pcs                                                                                               |
| DATA SHEET                     |  MCP1810T-42I/J8A.pdf |
| VOLTAGE DROPOUT (MAX)          | 0.35V @ 100mA                                                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)   | 4.2V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)         | -                                                                                                        |
| VOLTAGE - INPUT (MAX)          | 5.5V                                                                                                     |
| SUPPLIER DEVICE PACKAGE        | 8-VDFN (2x2)                                                                                             |
| SERIES                         | -                                                                                                        |
| PROTECTION FEATURES            | Over Current                                                                                             |
| PACKAGING                      | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                 | 8-VDFN Exposed Pad                                                                                       |
| PSRR                           | 40dB (100Hz)                                                                                             |
| OUTPUT TYPE                    | Fixed                                                                                                    |
| OUTPUT CONFIGURATION           | Positive                                                                                                 |
| OTHER NAMES                    | MCP1810T-42I/J8ATR                                                                                       |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TJ)                                                                                        |
| NUMBER OF REGULATORS           | 1                                                                                                        |
| MOUNTING TYPE                  | Surface Mount                                                                                            |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                               |
| DETAILED DESCRIPTION           | Linear Voltage Regulator IC Positive Fixed 1 Output 4.2V 100mA 8-VDFN (2x2)                              |
| CURRENT - SUPPLY (MAX)         | 290µA                                                                                                    |
| CURRENT - QUIESCENT (IQ)       | 50nA                                                                                                     |
| CURRENT - OUTPUT               | 100mA                                                                                                    |
| CONTROL FEATURES               | Enable                                                                                                   |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1810T-42I/J8A | MCP1810T-42I/J8A Distributor           | MCP1810T-42I/J8A Supplier                               |
| MCP1810T-42I/J8A Price                         | MCP1810T-42I/J8A Pictures              | MCP1810T-42I/J8A Image                                  |
| MCP1810T-42I/J8A PDF Datasheet                 | MCP1810T-42I/J8A Download Datasheet    | MCP1810T-42I/J8A Datasheet                              |
| MCP1810T-42I/J8A Stock                         | Buy MCP1810T-42I/J8A                   | Buy Micrel / Microchip Technology MCP1810T-42I/J8A      |
| Micrel / Microchip Technology MCP1810T-42I/J8A | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1810T-42I/J8A | Microchip Technology MCP1810T-42I/J8A  | Roving Networks / Microchip Technology MCP1810T-42I/J8A |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>MCP1824ST-0802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 0.8V 300MA SOT223-3<br/>In stock: 249493 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1824ST-2502E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 300MA SOT223-3<br/>In stock: 271731 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MCP1824ST-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 300MA SOT223-3<br/>In stock: 171198 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1824ST-1202E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 300MA SOT223-3<br/>In stock: 276386 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MCP1824ST-1802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA SOT223-3<br/>In stock: 279393 pcs</div> <div>RFQ</div> | <div></div> <div><b>MCP1824ST-3002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 300MA SOT223-3<br/>In stock: 270035 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MCP1810T-30I/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT23-3<br/>In stock: 319044 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MCP1810T-35I/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.5V 150MA SOT23-3<br/>In stock: 386426 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MCP1810T-33I/J8A</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA 8VDFN<br/>In stock: 219638 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MCP1810T-33I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT23-5<br/>In stock: 312380 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MCP1810T-33I/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 150MA SOT23-3<br/>In stock: 355310 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MCP1810T-35I/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.5V 150MA SOT23-5<br/>In stock: 298119 pcs</div> <div>RFQ</div>   |