

MICROCHIP

Micrel / Microchip Technology



MCP16252T-I/MNY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP16252T-I/MNY                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BOOST ADJ 0.1A SYNC 8TDFN                                                                             |
| Datasheets:         |  1.MCP16252T-I/MNY.pdf      |
|                     |  2.MCP16252T-I/MNY.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 143349 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

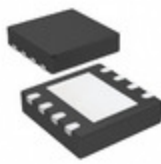
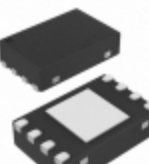
Specifications of MCP16252T-I/MNY

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP16252T-I/MNY                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC REG BOOST ADJ 0.1A SYNC 8TDFN                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 143349 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.MCP16252T-I/MNY.pdf<br> 2.MCP16252T-I/MNY.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                   |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                                                                                                                                   |
| VOLTAGE - INPUT (MIN)            | 0.82V                                                                                                                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                                   |
| TOPOLOGY                         | Boost                                                                                                                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-TDFN (3x2)                                                                                                                                                                                                           |
| SERIES                           | -                                                                                                                                                                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 8-WDFDN Exposed Pad                                                                                                                                                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                                                                             |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                               |
| OTHER NAMES                      | MCP16252T-I/MNYCT                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TJ)                                                                                                                                                                                                      |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| FUNCTION                         | Step-Up                                                                                                                                                                                                                |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Adjustable 1.8V 1 Output 100mA (Switch) 8-WDFDN Exposed Pad                                                                                                                      |
| CURRENT - OUTPUT                 | 100mA (Switch)                                                                                                                                                                                                         |
| BASE PART NUMBER                 | MCP16252                                                                                                                                                                                                               |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP16252T-I/MNY | MCP16252T-I/MNY Distributor            | MCP16252T-I/MNY Supplier                               |
| MCP16252T-I/MNY Price                         | MCP16252T-I/MNY Pictures               | MCP16252T-I/MNY Image                                  |
| MCP16252T-I/MNY PDF Datasheet                 | MCP16252T-I/MNY Download Datasheet     | MCP16252T-I/MNY Datasheet                              |
| MCP16252T-I/MNY Stock                         | Buy MCP16252T-I/MNY                    | Buy Micrel / Microchip Technology MCP16252T-I/MNY      |
| Micrel / Microchip Technology MCP16252T-I/MNY | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP16252T-I/MNY | Microchip Technology MCP16252T-I/MNY   | Roving Networks / Microchip Technology MCP16252T-I/MNY |

Related Products

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|  <div><b>MCP1630-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DFN<br/>In stock: 111080 pcs<br/><div>RFQ</div></div>        |  <div><b>MCP1624T-I/CHY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONV PIC MICROCTRLR SOT-23-6<br/>In stock: 202426 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1624-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC BOOST REG PWM/PFM 8DFN<br/>In stock: 197014 pcs<br/><div>RFQ</div></div>              |  <div><b>MCP1630-E/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: HIGH SPEED PULSE WIDTH MODULATOR<br/>In stock: 5405 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP1630-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 91041 pcs<br/><div>RFQ</div></div>        |  <div><b>MCP16251T-I/CH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BST ADJ 0.1A SYNC SOT23-6<br/>In stock: 230322 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP16301T-450E/CHVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ASYNCHRONOUS BUCK VOLTAGE REGULA<br/>In stock: 3349 pcs<br/><div>RFQ</div></div> |  <div><b>MCP16301HT-E/CH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.6A SOT23-6<br/>In stock: 101278 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MCP16301T-E/CH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.6A SOT23-6<br/>In stock: 100550 pcs<br/><div>RFQ</div></div>         |  <div><b>MCP16252T-I/CH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BST ADJ 0.1A SYNC SOT23-6<br/>In stock: 156995 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1624T-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC BOOST SYNC REG PWM/PFM 8DFN<br/>In stock: 292977 pcs<br/><div>RFQ</div></div>        |  <div><b>MCP16251T-I/MNY</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 0.1A SYNC 8TDFN<br/>In stock: 225103 pcs<br/><div>RFQ</div></div>         |