



MCP1601T-I/MS

|                     |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1601T-I/MS                                                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                            |
| Product description | IC REG BUCK ADJ 0.5A SYNC 8MSOP                                                                                                                          |
| Datasheets:         | <a href="#">1.MCP1601T-I/MS.pdf</a><br><a href="#">2.MCP1601T-I/MS.pdf</a><br><a href="#">3.MCP1601T-I/MS.pdf</a><br><a href="#">4.MCP1601T-I/MS.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                             |
| Ship From           | Hong Kong                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                    |

REQUEST FOR QUOTATION

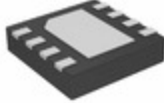
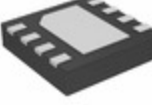
Specifications of MCP1601T-I/MS

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1601T-I/MS                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                            |
| DESCRIPTION                      | IC REG BUCK ADJ 0.5A SYNC 8MSOP                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| DATA SHEET                       | <a href="#">1.MCP1601T-I/MS.pdf</a><br><a href="#">2.MCP1601T-I/MS.pdf</a><br><a href="#">3.MCP1601T-I/MS.pdf</a><br><a href="#">4.MCP1601T-I/MS.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.9V                                                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                                                                     |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                     |
| TOPOLOGY                         | Buck                                                                                                                                                     |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                         |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                   |
| OUTPUT TYPE                      | Adjustable                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                 |
| OTHER NAMES                      | MCP1601T-I/MS-ND<br>MCP1601T-I/MSTR                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| FUNCTION                         | Step-Down                                                                                                                                                |
| FREQUENCY - SWITCHING            | 750kHz                                                                                                                                                   |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.9V 1 Output 500mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                               |
| CURRENT - OUTPUT                 | 500mA                                                                                                                                                    |
| BASE PART NUMBER                 | MCP1601                                                                                                                                                  |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP1601T-I/MS | MCP1601T-I/MS Distributor              | MCP1601T-I/MS Supplier                               |
| MCP1601T-I/MS Price                         | MCP1601T-I/MS Pictures                 | MCP1601T-I/MS Image                                  |
| MCP1601T-I/MS PDF Datasheet                 | MCP1601T-I/MS Download Datasheet       | MCP1601T-I/MS Datasheet                              |
| MCP1601T-I/MS Stock                         | Buy MCP1601T-I/MS                      | Buy Micrel / Microchip Technology MCP1601T-I/MS      |
| Micrel / Microchip Technology MCP1601T-I/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP1601T-I/MS | Microchip Technology MCP1601T-I/MS     | Roving Networks / Microchip Technology MCP1601T-I/MS |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1601EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVALUATION FOR MCP1601<br/>In stock: Out stock<br/>RFQ</div>         |  <div><b>MCP1525T-I/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC VREF SERIES 2.5V SOT23-3<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>MCP1541-I/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC VREF SERIES 4.096V TO92-3<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MCP1602-180I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.8V 0.5A SYNC 8MSOP<br/>In stock: 31 pcs<br/>RFQ</div> |
|  <div><b>MCP1602-120I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.2V 0.5A SYNC 8MSOP<br/>In stock: 56 pcs<br/>RFQ</div>  |  <div><b>MCP1602-180I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN<br/>In stock: 570 pcs<br/>RFQ</div> |
|  <div><b>MCP1602-150I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN<br/>In stock: 718 pcs<br/>RFQ</div>  |  <div><b>MCP1541T-I/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC VREF SERIES 4.096V SOT23-3<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MCP1602-120I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN<br/>In stock: 342 pcs<br/>RFQ</div>  |  <div><b>MCP1525-I/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC VREF SERIES 2.5V TO92-3<br/>In stock: 780 pcs<br/>RFQ</div>         |
|  <div><b>MCP1602-150I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.5V 0.5A SYNC 8MSOP<br/>In stock: 795 pcs<br/>RFQ</div> |  <div><b>MCP1601-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A SYNC 8MSOP<br/>In stock: Out stock<br/>RFQ</div>  |