



Micrel / Microchip Technology

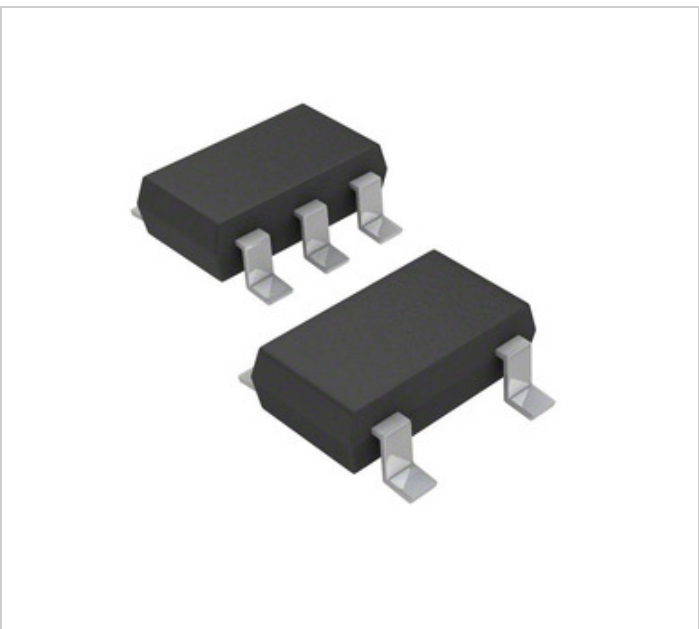


Image may be representation. See specifications for product details.

MCP1603T-180I/OS

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1603T-180I/OS                                                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                        |
| Product description | IC REG BCK 1.8V 0.5A SYNC TSOT23                                                                                                                                                                                     |
| Datasheets:         |  1.MCP1603T-180I/OS.pdf<br> 2.MCP1603T-180I/OS.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 104908 pcs stock                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

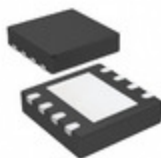
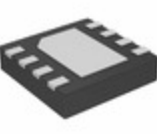
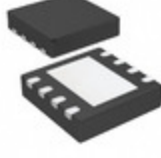
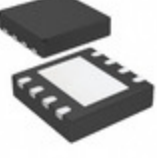
Specifications of MCP1603T-180I/OS

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1603T-180I/OS                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC REG BCK 1.8V 0.5A SYNC TSOT23                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 104908 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.MCP1603T-180I/OS.pdf<br> 2.MCP1603T-180I/OS.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                                                                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                                     |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                     |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5                                                                                                                                                                                                                |
| SERIES                           | -                                                                                                                                                                                                                        |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                            |
| PACKAGE / CASE                   | SOT-23-5 Thin, TSOT-23-5                                                                                                                                                                                                 |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                 |
| OTHER NAMES                      | MCP1603T-180I/OSCT<br>MCP1603T180IOS                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°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-Down                                                                                                                                                                                                                |
| FREQUENCY - SWITCHING            | 2MHz                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Fixed 1.8V 1 Output 500mA SOT-23-5 Thin, TSOT-23-5                                                                                                                                  |
| CURRENT - OUTPUT                 | 500mA                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | MCP1603                                                                                                                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1603T-180I/OS | MCP1603T-180I/OS Distributor           | MCP1603T-180I/OS Supplier                               |
| MCP1603T-180I/OS Price                         | MCP1603T-180I/OS Pictures              | MCP1603T-180I/OS Image                                  |
| MCP1603T-180I/OS PDF Datasheet                 | MCP1603T-180I/OS Download Datasheet    | MCP1603T-180I/OS Datasheet                              |
| MCP1603T-180I/OS Stock                         | Buy MCP1603T-180I/OS                   | Buy Micrel / Microchip Technology MCP1603T-180I/OS      |
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Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MCP1603T-120I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN<br/>In stock: 102170 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP1603T-330I/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK 3.3V 0.5A SYNC TSOT23<br/>In stock: 120014 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1603T-120I/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK 1.2V 0.5A SYNC TSOT23<br/>In stock: 127321 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1612-ADJI/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 1A SYNC 8DFN<br/>In stock: 68500 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MCP1603T-250I/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK 2.5V 0.5A SYNC TSOT23<br/>In stock: 109383 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1603T-150I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN<br/>In stock: 115494 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP1603T-ADJI/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A SYNC TSOT23<br/>In stock: 129533 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1603T-330I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 0.5A SYNC 8DFN<br/>In stock: 110471 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP1603T-250I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 2.5V 0.5A SYNC 8DFN<br/>In stock: 119522 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP1603T-180I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN<br/>In stock: 126787 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP1603T-080I/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK 0.8V 0.5A SYNC TSOT23<br/>In stock: 4807 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1603T-150I/OS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BCK 1.5V 0.5A SYNC TSOT23<br/>In stock: 122568 pcs<br/><b>RFQ</b></div> |