

MICROCHIP

Micrel / Microchip Technology

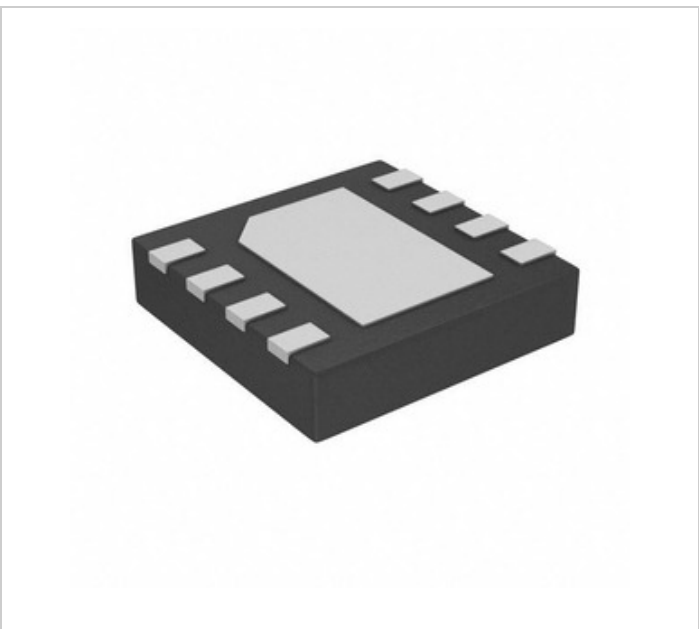


Image may be representation. See specifications for product details.

MCP1602-330I/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1602-330I/MF                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BUCK 3.3V 0.5A SYNC 8DFN                                                                              |
| Datasheets:         |  1.MCP1602-330I/MF.pdf      |
|                     |  2.MCP1602-330I/MF.pdf      |
|                     |  3.MCP1602-330I/MF.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 116926 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

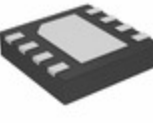
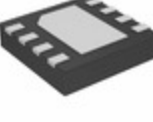
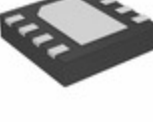
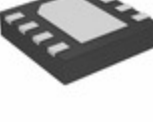
Specifications of MCP1602-330I/MF

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1602-330I/MF                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC REG BUCK 3.3V 0.5A SYNC 8DFN                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 116926 pcs                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MCP1602-330I/MF.pdf<br> 2.MCP1602-330I/MF.pdf<br> 3.MCP1602-330I/MF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                   |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                                                                                                                                                                                                                                |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-EP (3x3)                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                                                                                                                                                                                                                                                  |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                            |
| 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 3.3V 1 Output 500mA 8-VDFN Exposed Pad                                                                                                                                                                                                                                                   |
| CURRENT - OUTPUT                 | 500mA                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | MCP1602                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP1602-330I/MF | MCP1602-330I/MF Distributor            | MCP1602-330I/MF Supplier                               |
| MCP1602-330I/MF Price                         | MCP1602-330I/MF Pictures               | MCP1602-330I/MF Image                                  |
| MCP1602-330I/MF PDF Datasheet                 | MCP1602-330I/MF Download Datasheet     | MCP1602-330I/MF Datasheet                              |
| MCP1602-330I/MF Stock                         | Buy MCP1602-330I/MF                    | Buy Micrel / Microchip Technology MCP1602-330I/MF      |
| Micrel / Microchip Technology MCP1602-330I/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP1602-330I/MF | Microchip Technology MCP1602-330I/MF   | Roving Networks / Microchip Technology MCP1602-330I/MF |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
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|  <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: 76663 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1602T-120I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN<br/>In stock: 119528 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP1602EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVALUATION FOR MCP1602<br/>In stock: 3854 pcs<br/><div>RFQ</div></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: 92313 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1602-330I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 0.5A SYNC 8MSOP<br/>In stock: 82801 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1602-ADJI/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A SYNC 8DFN<br/>In stock: 91542 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MCP1602T-120I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.2V 0.5A SYNC 8MSOP<br/>In stock: 114583 pcs<br/><div>RFQ</div></div> |  <div><b>MCP1602-250I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 2.5V 0.5A SYNC 8DFN<br/>In stock: 83639 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP1602-250I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 2.5V 0.5A SYNC 8MSOP<br/>In stock: 94007 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP1602-ADJI/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A SYNC 8MSOP<br/>In stock: 123988 pcs<br/><div>RFQ</div></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: 98570 pcs<br/><div>RFQ</div></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: 90728 pcs<br/><div>RFQ</div></div>   |