

MCP1602T-330I/MS





Part Number: MCP1602T-330I/MS

Manufacturer: Micrel / Microchip Technology

Description: IC REG BUCK 3.3V 0.5A SYNC 8MSOP

Data sheet:  [Development Tools Catalog](#)  
 [Portable Power Conversion Design Guide](#)  
 [MCP1602 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

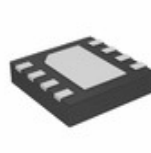
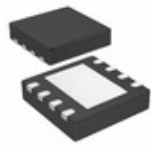
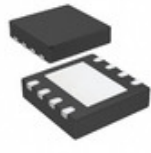
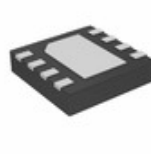
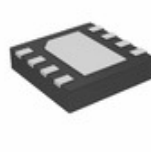
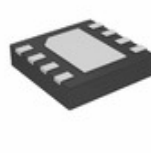
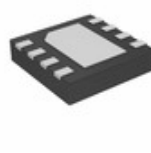
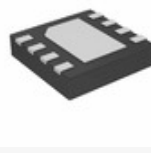
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                       |                                  |                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP1602T-330I/MS                                                                                      | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG BUCK 3.3V 0.5A SYNC 8MSOP                                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 70768 pcs                                                                                             | Data sheet                       | <a href="#">Development Tools Catalog</a><br><a href="#">Portable Power Conversion Design</a><br><a href="#">MCP1602 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                                             | 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-MSOP                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                     | Packaging                        | Tape & Reel (TR)                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                | Output Type                      | Fixed                                                                                                                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Positive                                                                                              | Other Names                      | MCP1602T-330I/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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12 Weeks                                                                                              | 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-TSSOP, 8-MSOP (0.118", 3.00mm Width) | Current - Output                 | 500mA                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MCP1602                                                                                               |                                  |                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 70768 pieces of Micrel / Microchip Technology MCP1602T-330I/MS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                       |                                  |                                                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP1603-330I/MC</a><br>Description: IC REG BUCK 3.3V 0.5A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-250I/MS</a><br>Description: IC REG BUCK 2.5V 0.5A SYNC 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-120I/MS</a><br>Description: IC REG BUCK 1.2V 0.5A SYNC 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-150I/MF</a><br>Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603-180I/MC</a><br>Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603-120I/MC</a><br>Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-180I/MS</a><br>Description: IC REG BUCK 1.8V 0.5A SYNC 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603-150I/MC</a><br>Description: IC REG BUCK 1.5V 0.5A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603LT-080I/OS</a><br>Description: IC REG BCK 0.8V 0.5A SYNC TSOT23 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603-ADJI/MC</a><br>Description: IC REG BUCK ADJ 0.5A SYNC 8-DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-330I/MF</a><br>Description: IC REG BUCK 3.3V 0.5A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-180I/MF</a><br>Description: IC REG BUCK 1.8V 0.5A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-150I/MS</a><br>Description: IC REG BUCK 1.5V 0.5A SYNC 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-250I/MF</a><br>Description: IC REG BUCK 2.5V 0.5A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1602T-ADJI/MF</a><br>Description: IC REG BUCK ADJ 0.5A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1603EV</a><br>Description: BOARD EVAL BUCK CONV MCP1603             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602EV</a><br>Description: BOARD EVALUATION FOR MCP1602             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1602T-120I/MF</a><br>Description: IC REG BUCK 1.2V 0.5A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MCP1602T-330I/MS

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