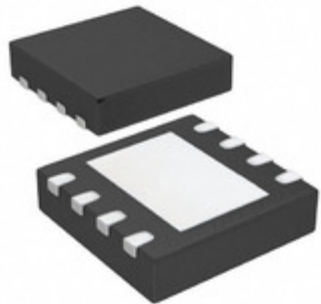


MCP1640D-I/MC



Images are for reference only.  
See Product Specifications for product details.  
Buy MCP1640D-I/MC with confidence from Component-World.HK, 1 Year Warranty



Part Number: MCP1640D-I/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG BOOST ADJ 0.35A SYNC 8DFN

Data sheet:  [Development Tools Catalog](#)  
 [Portable Power Conversion Design Guide](#)  
 [MCP1640 Single Quad-A Battery Boost Conv Ref](#)  
 [MCP1640\(B,C,D\) Datasheet](#)

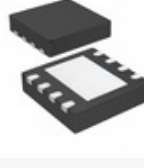
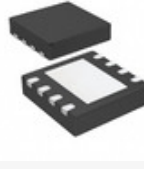
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                        |                                  |                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP1640D-I/MC                                                                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG BOOST ADJ 0.35A SYNC 8DFN                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 116791 pcs                                                                             | Data sheet                       | <a href="#">Development Tools Catalog</a><br><a href="#">Portable Power Conversion Design Guide</a><br><a href="#">MCP1640 Single Quad-A Battery Boost Conv Ref</a><br><a href="#">MCP1640(B,C,D) Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage - Output (Min/Fixed)     | 2V                                                                                                                                                                                                              |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                                                                   | Voltage - Input (Min)            | 0.8V                                                                                                                                                                                                            |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.5V                                                                                   | Topology                         | Boost                                                                                                                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                                    | Supplier Device Package          | 8-DFN (3x2)                                                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                      | Packaging                        | Tube                                                                                                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-VDFDN Exposed Pad                                                                    | Output Type                      | Adjustable                                                                                                                                                                                                      |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                                               | Other Names                      | MCP1640DIMC                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6 Weeks                                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                      |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Up                                                                                | Frequency - Switching            | 500kHz                                                                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Boost Switching Regulator IC Positive Adjustable 2V 1 Output 350mA 8-VDFDN Exposed Pad | Current - Output                 | 350mA                                                                                                                                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MCP1640D                                                                               |                                  |                                                                                                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 116791 pieces of Micrel / Microchip Technology MCP1640D-I/MC 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="#">MCP16331T-E/CH</a><br>Description: IC REG BUCK ADJ 0.5A SOT23-6       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1632T-BAE/MS</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640CT-I/CHY</a><br>Description: IC REG BST ADJ 0.35A SYNC SOT23   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640DT-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640CT-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640C-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1642B-30I/MC</a><br>Description: IC REG BOOST SYNC 3V 1.8A         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640RD-4ABC</a><br>Description: BOARD REF DES AAAA BAT BOOST       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1642B-30I/MS</a><br>Description: IC REG BOOST SYNC 3V 1.8A         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640T-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1642B-18I/MC</a><br>Description: IC REG BOOST SYNC 1.8V 1.8A       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640B-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1642B-18I/MS</a><br>Description: IC REG BOOST SYNC 1.8V 1.8A       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640BT-I/CHY</a><br>Description: IC REG BST ADJ 0.35A SYNC SOT23   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640DT-I/CHY</a><br>Description: IC REG BST ADJ 0.35A SYNC SOT23   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP16331T-E/CHVAO</a><br>Description: ASYNCHRONOUS SWITCHING BUCK REG | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640BT-I/MC</a><br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640T-I/CHY</a><br>Description: IC REG BST ADJ 0.35A SYNC SOT23    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1640EV-SBC</a><br>Description: BOARD EVAL FOR MCP1640              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MCP1640D-I/MC

|                                             |                                    |                                        |                     |
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| MCP1640D-I/MC download datasheet            | MCP1640D-I/MC datasheet            | MCP1640D-I/MC stock                    | buy MCP1640D-I/MC   |
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