

MCP1642B-33I/MC





Part Number: MCP1642B-33I/MC

Manufacturer: Micrel / Microchip Technology

Description: IC REG BOOST SYNC 3.3V 1.8A

Data sheet:  MCP1642B,D Datasheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MCP1642B-33I/MC with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                                 |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP1642B-33I/MC             | Manufacturer                    | Micrel / Microchip Technology                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG BOOST SYNC 3.3V 1.8A | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 83899 pcs                   | Data sheet                      | MCP1642B,D Datasheet                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | Integrated Circuits (ICs)   | Voltage - Output (Min/Fixed)    | 3.3V                                                                               |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                   | -                           | Voltage - Input (Min)           | 0.65V                                                                              |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.5V                        | Topology                        | Boost                                                                              |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                         | Supplier Device Package         | 8-DFN (2x3)                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                           | Packaging                       | Tube                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-VDFN Exposed Pad          | Output Type                     | Fixed                                                                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                     | Positive                    | Operating Temperature           | -40°C ~ 85°C (TA)                                                                  |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                           | Mounting Type                   | Surface Mount                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)               | Manufacturer Standard Lead Time | 5 Weeks                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant  | Function                        | Step-Up                                                                            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                    | 1MHz                        | Detailed Description            | Boost Switching Regulator IC Positive Fixed 3.3V 1 Output 800mA 8-VDFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                         | 800mA                       | Base Part Number                | MCP1642                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 83899 pieces of Micrel / Microchip Technology MCP1642B-33I/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: info@Components-World.com |                             |                                 |                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                          |                                              |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP1642BT-30I/MS<br>Description: IC REG BOOST SYNC 3V 1.8A        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642BT-18I/MS<br>Description: IC REG BOOST SYNC 1.8V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640EV-SBC<br>Description: BOARD EVAL FOR MCP1640              | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640RD-4ABC<br>Description: BOARD REF DES AAAA BAT BOOST       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-ADJI/MS<br>Description: IC REG BOOST ADJ 0.8A SYNC 8MSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-ADJI/MC<br>Description: IC REG BOOST SYNC ADJ 1.8A       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-30I/MS<br>Description: IC REG BOOST SYNC 3V 1.8A         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642BT-18I/MC<br>Description: IC REG BOOST SYNC 1.8V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640DT-I/MC<br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640DT-I/CHY<br>Description: IC REG BST ADJ 0.35A SYNC SOT23   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-30I/MC<br>Description: IC REG BOOST SYNC 3V 1.8A         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642BT-30I/MC<br>Description: IC REG BOOST SYNC 3V 1.8A        | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642BT-33I/MC<br>Description: IC REG BOOST SYNC 3.3V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640T-I/CHY<br>Description: IC REG BST ADJ 0.35A SYNC SOT23    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1640T-I/MC<br>Description: IC REG BOOST ADJ 0.35A SYNC 8DFN    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-33I/MS<br>Description: IC REG BOOST SYNC 3.3V 1.8A       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-18I/MC<br>Description: IC REG BOOST SYNC 1.8V 1.8A       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-18I/MS<br>Description: IC REG BOOST SYNC 1.8V 1.8A       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-50I/MS<br>Description: IC REG BOOST SYNC 5V 1.8A         | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642B-50I/MC<br>Description: IC REG BOOST SYNC 5V 1.8A         | Manufacturers: Micrel / Microchip Technology | RFQ |

| Related keywords for MCP1642B-33I/MC          |                                      |                                        |                       |
|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
| Micrel / Microchip Technology MCP1642B-33I/MC | MCP1642B-33I/MC distributor          | MCP1642B-33I/MC supplier               | MCP1642B-33I/MC price |
| MCP1642B-33I/MC download datasheet            | MCP1642B-33I/MC datasheet            | MCP1642B-33I/MC stock                  | buy MCP1642B-33I/MC   |
| Micrel / Microchip Technology MCP1642B-33I/MC | Microchip Technology MCP1642B-33I/MC | Roving Networks / Microchip Technology | MCP1642B-33I/MC       |

Reliable Stocking Distributor of Electronic Components © 2003-2021 Component-World.com All Rights Reserved.  
E-mail: info@Components-World.com

