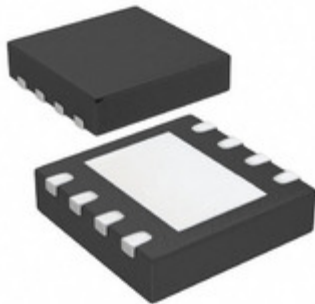


MCP1643-I/MC



Images are for reference only.  
See Product Specifications for product details.  
Buy MCP1643-I/MC with confidence from Component-World.HK, 1 Year Warranty



Part Number: MCP1643-I/MC

Manufacturer: Micrel / Microchip Technology

Description: IC LED DRVR RGLTR DIM 550MA 8DFN

Data sheet:  MCP1643 Datasheet

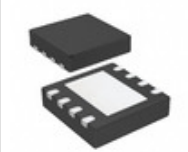
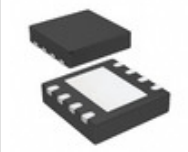
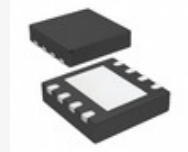
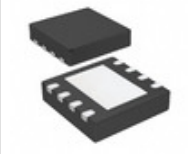
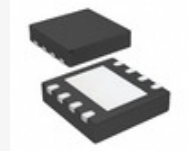
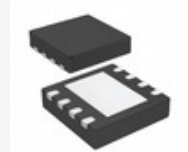
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                  |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP1643-I/MC                     | Manufacturer                     | Micrel / Microchip Technology                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC LED DRVR RGLTR DIM 550MA 8DFN | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 77867 pcs                        | Data sheet                       | MCP1643 Datasheet                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)        | Voltage - Supply (Min)           | 0.5V                                                                                 |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                | 5V                               | Voltage - Output                 | 5V                                                                                   |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | DC DC Regulator                  | Topology                         | Step-Up (Boost)                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 8-DFN (2x3)                      | Series                           | -                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                             | Tube                             | Package / Case                   | 8-VDFDN Exposed Pad                                                                  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Weeks                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                              | Frequency                        | 1MHz                                                                                 |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                               | PWM                              | Detailed Description             | LED Driver IC 1 Output DC DC Regulator Step-Up (Boost) PWM Dimming 550mA 8-DFN (2x3) |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                            | 550mA                            | Base Part Number                 | MCP1643                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                          | Backlight                        |                                  |                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 77867 pieces of Micrel / Microchip Technology MCP1643-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: info@Components-World.com |                                  |                                  |                                                                                      |

| RELATED PRODUCTS                                                                   |                                                                        |                                              |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP1643T-I/MSVAO<br>Description: SYNCHRONOUS BOOST CONVERTER    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1643-I/MSVAO<br>Description: SYNCHRONOUS BOOST CONVERTER     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-ADJ-I/MC<br>Description: IC REG BOOST SYNC ADJ 1.8A   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1650R-E/MS<br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-30I/MC<br>Description: IC REG BOOST SYNC 3V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1643T-I/MC<br>Description: IC LED DRVR RGLTR DIM 550MA 8DFN  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-18I/MC<br>Description: IC REG BOOST SYNC 1.8V 1.8A    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1650EV<br>Description: BOARD EVAL FOR MCP1650,51,52,53       | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-30I/MS<br>Description: IC REG BOOST SYNC 3V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-50I/MC<br>Description: IC REG BOOST SYNC 5V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1643T-I/MS<br>Description: IC LED DRIVER RGLTR DIM 8MSOP     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-18I/MS<br>Description: IC REG BOOST SYNC 1.8V 1.8A    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1650DM-LED1<br>Description: BOARD DEMO FOR MCP165X           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1650DM-DDSC1<br>Description: BOARD DEMO FOR MCP1650 SEPIC    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1650DM-LED2<br>Description: BOARD DEMO FOR MCP1650 WHITE LED | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-33I/MC<br>Description: IC REG BOOST SYNC 3.3V 1.8A    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-ADJ-I/MS<br>Description: IC REG BOOST SYNC ADJ 1.8A   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-33I/MS<br>Description: IC REG BOOST SYNC 3.3V 1.8A    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1643-I/MS<br>Description: IC LED DRIVER RGLTR DIM 8MSOP      | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1642DT-50I/MS<br>Description: IC REG BOOST SYNC 5V 1.8A      | Manufacturers: Micrel / Microchip Technology | RFQ |

Related keywords for MCP1643-I/MC

|                                            |                                   |                                                     |                    |
|--------------------------------------------|-----------------------------------|-----------------------------------------------------|--------------------|
| Micrel / Microchip Technology MCP1643-I/MC | MCP1643-I/MC distributor          | MCP1643-I/MC supplier                               | MCP1643-I/MC price |
| MCP1643-I/MC download datasheet            | MCP1643-I/MC datasheet            | MCP1643-I/MC stock                                  | buy MCP1643-I/MC   |
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