



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1630V-E/MC

|                     |                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1630V-E/MC                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                       |
| Product description | IC REG CTRLR MULT TOPOLOGY 8DFN                                                                                                                                                     |
| Datasheets:         | <div><div>PDF</div>1.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>2.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>3.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>4.MCP1630V-E/MC.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                |
| Stock Condition     | 109002 pcs stock                                                                                                                                                                    |
| Ship From           | Hong Kong                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                               |

REQUEST FOR QUOTATION

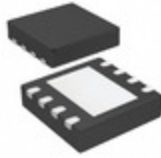
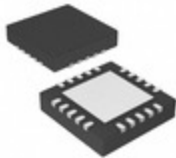
Specifications of MCP1630V-E/MC

|                                  |                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1630V-E/MC                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                       |
| DESCRIPTION                      | IC REG CTRLR MULT TOPOLOGY 8DFN                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                          |
| QUANTITY AVAILABLE               | 109002 pcs                                                                                                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>2.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>3.MCP1630V-E/MC.pdf</div> <div><div>PDF</div>4.MCP1630V-E/MC.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                         |
| TOPOLOGY                         | Buck, Boost, Buck-Boost, Flyback, SEPIC                                                                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (2x3)                                                                                                                                                                         |
| SERIES                           | -                                                                                                                                                                                   |
| SERIAL INTERFACES                | -                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                |
| PACKAGE / CASE                   | 8-VDFDN Exposed Pad                                                                                                                                                                 |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                   |
| OUTPUT PHASES                    | 1                                                                                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                          |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                                               |
| FREQUENCY - SWITCHING            | -                                                                                                                                                                                   |
| DUTY CYCLE (MAX)                 | -                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | Buck, Boost, Buck-Boost, Flyback, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-DFN (2x3)                          |
| CONTROL FEATURES                 | -                                                                                                                                                                                   |
| CLOCK SYNC                       | No                                                                                                                                                                                  |
| BASE PART NUMBER                 | MCP1630V                                                                                                                                                                            |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP1630V-E/MC | MCP1630V-E/MC Distributor              | MCP1630V-E/MC Supplier                               |
| MCP1630V-E/MC Price                         | MCP1630V-E/MC Pictures                 | MCP1630V-E/MC Image                                  |
| MCP1630V-E/MC PDF Datasheet                 | MCP1630V-E/MC Download Datasheet       | MCP1630V-E/MC Datasheet                              |
| MCP1630V-E/MC Stock                         | Buy MCP1630V-E/MC                      | Buy Micrel / Microchip Technology MCP1630V-E/MC      |
| Micrel / Microchip Technology MCP1630V-E/MC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP1630V-E/MC | Microchip Technology MCP1630V-E/MC     | Roving Networks / Microchip Technology MCP1630V-E/MC |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>MCP1630T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DFN<br/>In stock: 94231 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCP1630T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 114726 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1630VT-E/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: HIGH SPEED PULSE WIDTH MODULATOR<br/>In stock: 6231 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP1630RD-LIC2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD DEMO FOR MCP1630 LI-ION<br/>In stock: 3164 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MCP1630RD-NMC1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: REF DESIGN MCP1630 NIMH BATT CHG<br/>In stock: 2555 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCP1630VT-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 126550 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP1631-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20QFN<br/>In stock: 71962 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>MCP1630VT-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DFN<br/>In stock: 105286 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP1631-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 91580 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>MCP1630T-E/MSVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: HIGH SPEED PULSE WIDTH MODULATOR<br/>In stock: 5679 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP1630V-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 83789 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCP1630RD-SALED</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DEV REF DESIGN LED DVR MCP1630<br/>In stock: 1801 pcs<br/><div>RFQ</div></div>    |