

MICROCHIP

Micrel / Microchip Technology

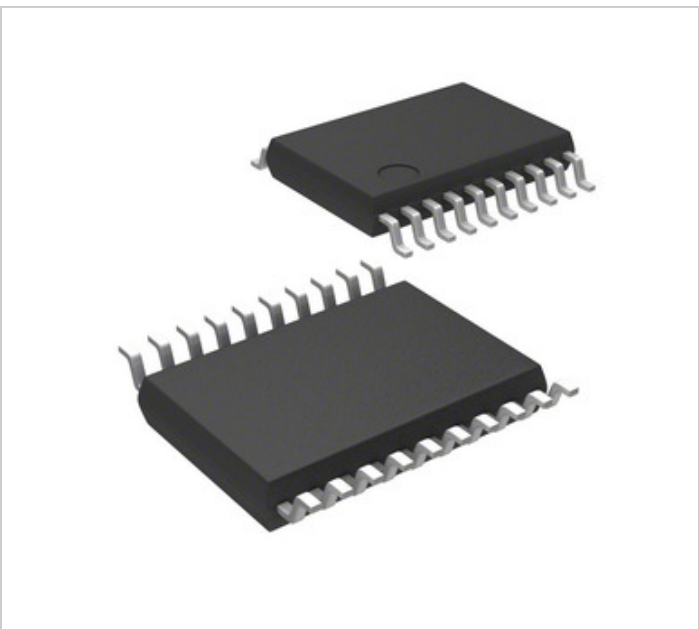


Image may be representation. See specifications for product details.

MCP1631V-E/ST

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1631V-E/ST                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                  |
| Product description | IC REG CTRLR SEPIC 20TSSOP                                                                                                                                                                                     |
| Datasheets:         |  1.MCP1631V-E/ST.pdf<br> 2.MCP1631V-E/ST.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                   |
| Stock Condition     | 81579 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

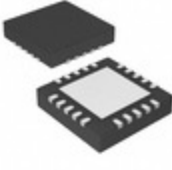
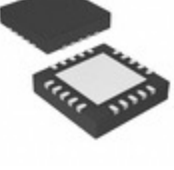
Specifications of MCP1631V-E/ST

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1631V-E/ST                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC REG CTRLR SEPIC 20TSSOP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 81579 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MCP1631V-E/ST.pdf<br> 2.MCP1631V-E/ST.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                        |
| TOPOLOGY                         | Sepic                                                                                                                                                                                                              |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                                                                                                                                                           |
| SERIES                           | -                                                                                                                                                                                                                  |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                  |
| PACKAGING                        | Tube                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                    |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                                                  |
| OUTPUT PHASES                    | 1                                                                                                                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                           |
| 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                                                                                                                                                                                                  |
| FREQUENCY - SWITCHING            | -                                                                                                                                                                                                                  |
| DUTY CYCLE (MAX)                 | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | Sepic Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 20-TSSOP                                                                                                                                     |
| CONTROL FEATURES                 | Enable, Frequency Control, Ramp                                                                                                                                                                                    |
| CLOCK SYNC                       | No                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | MCP1631V                                                                                                                                                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP1631V-E/ST | MCP1631V-E/ST Distributor              | MCP1631V-E/ST Supplier                               |
| MCP1631V-E/ST Price                         | MCP1631V-E/ST Pictures                 | MCP1631V-E/ST Image                                  |
| MCP1631V-E/ST PDF Datasheet                 | MCP1631V-E/ST Download Datasheet       | MCP1631V-E/ST Datasheet                              |
| MCP1631V-E/ST Stock                         | Buy MCP1631V-E/ST                      | Buy Micrel / Microchip Technology MCP1631V-E/ST      |
| Micrel / Microchip Technology MCP1631V-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP1631V-E/ST | Microchip Technology MCP1631V-E/ST     | Roving Networks / Microchip Technology MCP1631V-E/ST |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1631VHV-500E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 49497 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1631T-E/STVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: HIGH SPEED PWM CONTROLLER<br/>In stock: 6501 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MCP1631T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 83444 pcs<br/><b>RFQ</b></div>      |  <div><b>MCP1631VHV-330E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 76819 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP1631VHVT-330E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 85099 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1631V-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20QFN<br/>In stock: 79152 pcs<br/><b>RFQ</b></div>         |
|  <div><b>MCP1631T-E/MLVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: INTEGRATED HS PWM<br/>In stock: 6265 pcs<br/><b>RFQ</b></div>             |  <div><b>MCP1631VHVT-330E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 68802 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1631VHV-330E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 61049 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1631T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 83317 pcs<br/><b>RFQ</b></div>        |
|  <div><b>MCP1631VHV-500E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 84843 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP1631V-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 63361 pcs<br/><b>RFQ</b></div>        |