



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP1631VT-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1631VT-E/SS                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR SEPIC 20SSOP                                                                                    |
|                     |  1.MCP1631VT-E/SS.pdf       |
|                     |  2.MCP1631VT-E/SS.pdf       |
|                     |  3.MCP1631VT-E/SS.pdf       |
|                     |  4.MCP1631VT-E/SS.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 70891 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

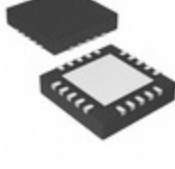
Specifications of MCP1631VT-E/SS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1631VT-E/SS                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC REG CTRLR SEPIC 20SSOP                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 70891 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.MCP1631VT-E/SS.pdf<br> 2.MCP1631VT-E/SS.pdf<br> 3.MCP1631VT-E/SS.pdf<br> 4.MCP1631VT-E/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| TOPOLOGY                         | Sepic                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIAL INTERFACES                | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                                                                                                                               |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OUTPUT PHASES                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | MCP1631VT-E/SSSTR                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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-SSOP                                                                                                                                                                                                                                                                                                                                                                |
| CONTROL FEATURES                 | Enable, Frequency Control, Ramp                                                                                                                                                                                                                                                                                                                                                                                                              |
| CLOCK SYNC                       | No                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | MCP1631V                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology MCP1631VT-E/SS | MCP1631VT-E/SS Distributor             | MCP1631VT-E/SS Supplier                               |
| MCP1631VT-E/SS Price                         | MCP1631VT-E/SS Pictures                | MCP1631VT-E/SS Image                                  |
| MCP1631VT-E/SS PDF Datasheet                 | MCP1631VT-E/SS Download Datasheet      | MCP1631VT-E/SS Datasheet                              |
| MCP1631VT-E/SS Stock                         | Buy MCP1631VT-E/SS                     | Buy Micrel / Microchip Technology MCP1631VT-E/SS      |
| Micrel / Microchip Technology MCP1631VT-E/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology MCP1631VT-E/SS | Microchip Technology MCP1631VT-E/SS    | Roving Networks / Microchip Technology MCP1631VT-E/SS |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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>MCP1632-AAE/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DFN<br/>In stock: 94510 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MCP1631VT-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 81844 pcs<br/><b>RFQ</b></div>       |  <div><b>MCP1632-BAE/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 84759 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MCP1631VHVT-500E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20TSSOP<br/>In stock: 81459 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP16321T-150E/NG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 1.5V 1A SYNC 16-VQFN<br/>In stock: 46072 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP1632-AAE/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 91840 pcs<br/><b>RFQ</b></div> |  <div><b>MCP1632-BAE/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DFN<br/>In stock: 87914 pcs<br/><b>RFQ</b></div>     |
|  <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>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>MCP1631VHVT-500E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20SSOP<br/>In stock: 84955 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP1631VT-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR SEPIC 20QFN<br/>In stock: 80727 pcs<br/><b>RFQ</b></div>            |