

MCP1631VHV-500E/ST





Part Number: MCP1631VHV-500E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC REG CTRLR SEPIC 20TSSOP

Data sheet:  [Development Tools Catalog](#)  
 [MCP1631\(HV,V,VHV\)](#)  
 [MCP1631HV Current Source RD](#)  
 [MCP1631HV Battery Charger RD](#)

RoHs Status: Lead free / RoHS Compliant

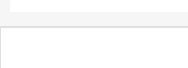
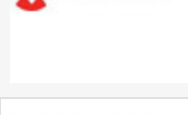
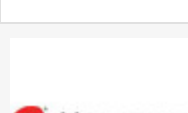
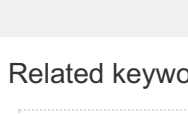
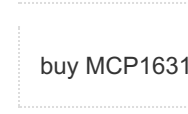
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP1631VHV-500E/ST                        | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG CTRLR SEPIC 20TSSOP                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 65354 pcs                                 | Data sheet                     | <a href="#">Development Tools Catalog</a><br><a href="#">MCP1631(HV,V,VHV)</a><br><a href="#">MCP1631HV Current Source RD</a><br><a href="#">MCP1631HV Battery Charger RD</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 16 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP1631VHV                                |                                |                                                                                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 65354 pieces of Micrel / Microchip Technology MCP1631VHV-500E/ST 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP1631V-E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631T-E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VT-E/ST</a><br>Description: IC REG CTRLR SEPIC 20TSSOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631V-E/ML</a><br>Description: IC REG CTRLR SEPIC 20QFN          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1631VHT-500E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VHT-330E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631T-E/ST</a><br>Description: IC REG CTRLR SEPIC 20TSSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1632-AAE/MS</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631T-E/MLVAO</a><br>Description: INTEGRATED HS PWM              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631T-E/STVAO</a><br>Description: HIGH SPEED PWM CONTROLLER      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VHT-330E/ST</a><br>Description: IC REG CTRLR SEPIC 20TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VHV-330E/ST</a><br>Description: IC REG CTRLR SEPIC 20TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VHV-500E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1632-BAE/MC</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VHT-500E/ST</a><br>Description: IC REG CTRLR SEPIC 20TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1631VT-E/SS</a><br>Description: IC REG CTRLR SEPIC 20SSOP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCP1631VT-E/ML</a><br>Description: IC REG CTRLR SEPIC 20QFN         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP1632-AAE/MC</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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|--------------------------------------------------|--------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|
| Related keywords for MCP1631VHV-500E/ST          |                                                  |                                         |                                                              |
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|                                                  | MCP1631VHV-500E/ST download datasheet            | MCP1631VHV-500E/ST datasheet            | MCP1631VHV-500E/ST stock                                     |
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