

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MCP6567-E/SN

|                     |                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP6567-E/SN                                                                                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                |
| Product description | IC COMP DUAL 1.8V OD 8-SOIC                                                                                                                                                                                  |
| Datasheets:         |  1.MCP6567-E/SN.pdf<br> 2.MCP6567-E/SN.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                 |
| Stock Condition     | 144423 pcs stock                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                        |

REQUEST FOR QUOTATION

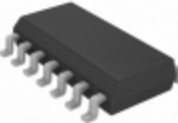
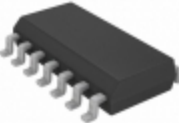
#### Specifications of MCP6567-E/SN

|                                   |                                                                                                                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | MCP6567-E/SN                                                                                                                                                                                                     |
| MANUFACTURER                      | Micrel / Microchip Technology                                                                                                                                                                                    |
| DESCRIPTION                       | IC COMP DUAL 1.8V OD 8-SOIC                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE                | 144423 pcs                                                                                                                                                                                                       |
| DATA SHEET                        |  1.MCP6567-E/SN.pdf<br> 2.MCP6567-E/SN.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 1.8 V ~ 5.5 V                                                                                                                                                                                                    |
| VOLTAGE - INPUT OFFSET (MAX)      | 10mV @ 5.5V                                                                                                                                                                                                      |
| TYPE                              | General Purpose                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE           | 8-SOIC                                                                                                                                                                                                           |
| SERIES                            | -                                                                                                                                                                                                                |
| PROPAGATION DELAY (MAX)           | 80ns                                                                                                                                                                                                             |
| PACKAGING                         | Tube                                                                                                                                                                                                             |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                    |
| OUTPUT TYPE                       | CMOS, Open-Drain                                                                                                                                                                                                 |
| OTHER NAMES                       | MCP6567ESN                                                                                                                                                                                                       |
| OPERATING TEMPERATURE             | -40°C ~ 125°C                                                                                                                                                                                                    |
| NUMBER OF ELEMENTS                | 2                                                                                                                                                                                                                |
| MOUNTING TYPE                     | Surface Mount                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                                                                                                                       |
| HYSTERESIS                        | 5mV                                                                                                                                                                                                              |
| DETAILED DESCRIPTION              | Comparator General Purpose CMOS, Open-Drain 8-SOIC                                                                                                                                                               |
| CURRENT - QUIESCENT (MAX)         | 130µA                                                                                                                                                                                                            |
| CURRENT - OUTPUT (TYP)            | 50mA                                                                                                                                                                                                             |
| CURRENT - INPUT BIAS (MAX)        | 1pA @ 5.5V                                                                                                                                                                                                       |
| CMRR, PSRR (TYP)                  | 66dB CMRR, 70dB PSRR                                                                                                                                                                                             |
| BASE PART NUMBER                  | MCP6567                                                                                                                                                                                                          |

#### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP6567-E/SN | MCP6567-E/SN Distributor               | MCP6567-E/SN Supplier                               |
| MCP6567-E/SN Price                         | MCP6567-E/SN Pictures                  | MCP6567-E/SN Image                                  |
| MCP6567-E/SN PDF Datasheet                 | MCP6567-E/SN Download Datasheet        | MCP6567-E/SN Datasheet                              |
| MCP6567-E/SN Stock                         | Buy MCP6567-E/SN                       | Buy Micrel / Microchip Technology MCP6567-E/SN      |
| Micrel / Microchip Technology MCP6567-E/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP6567-E/SN | Microchip Technology MCP6567-E/SN      | Roving Networks / Microchip Technology MCP6567-E/SN |

#### Related Products

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|  <div><b>MCP6566T-E/LT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SC70-5<br/>In stock: 208534 pcs<br/><b>RFQ</b></div>   |  <div><b>MCP6567-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V OD 8-MSOP<br/>In stock: 142885 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MCP6566T-E/OTVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 6326 pcs<br/><b>RFQ</b></div> |  <div><b>MCP6566UT-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 194042 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MCP6569T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V OD 14-SOIC<br/>In stock: 76011 pcs<br/><b>RFQ</b></div>     |  <div><b>MCP6569-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V OD 14-SOIC<br/>In stock: 73666 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MCP6568T-E/CH</b><br/>Manufacturers: Microchip Technology<br/>Description: IC COMPARATOR 1.8V O-D SOT23-6<br/>In stock: 247471 pcs<br/><b>RFQ</b></div>           |  <div><b>MCP6567T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 146767 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MCP6566T-E/OT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 216336 pcs<br/><b>RFQ</b></div>  |  <div><b>MCP6566UT-E/OTVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMPARATOR O-D 1.8V SOT23-5<br/>In stock: 7057 pcs<br/><b>RFQ</b></div> |
|  <div><b>MCP6569-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP QUAD 1.8V OD 14-TSSOP<br/>In stock: 64759 pcs<br/><b>RFQ</b></div>     |  <div><b>MCP6567T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC COMP DUAL 1.8V OD 8-SOIC<br/>In stock: 144482 pcs<br/><b>RFQ</b></div>      |