

MIC2164CYMM





Part Number: [MIC2164CYMM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BUCK 10MSOP

Data sheet:  [MIC2164](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

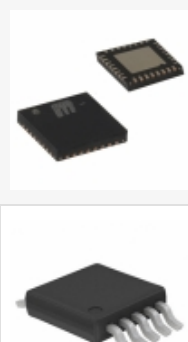
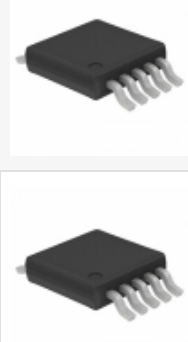
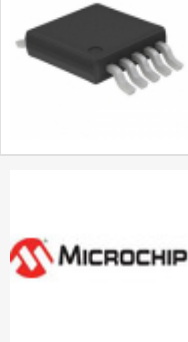
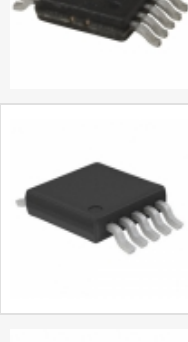
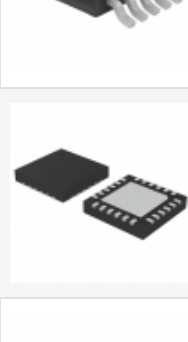
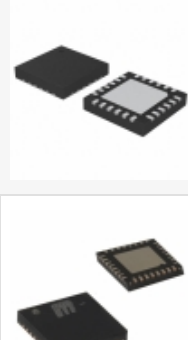
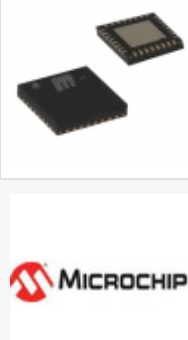
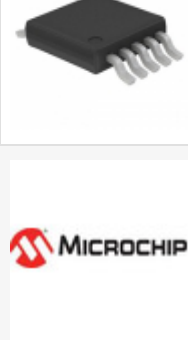
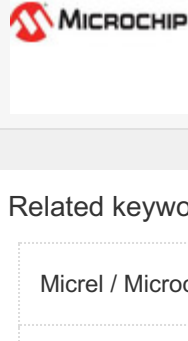
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Request For Quotation

| PRODUCT PARAMETER              |                                                                      |                                  |                                               |
|--------------------------------|----------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                    | MIC2164CYMM                                                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                    | IC REG CTRLR BUCK 10MSOP                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available             | 78713 pcs                                                            | Data sheet                       | <a href="#">MIC2164</a>                       |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 28 V                                    |
| Topology                       | Buck                                                                 | Synchronous Rectifier            | Yes                                           |
| Supplier Device Package        | 10-MSOP                                                              | Series                           | Hyper Speed Control®                          |
| Serial Interfaces              | -                                                                    | Packaging                        | Tube                                          |
| Package / Case                 | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                             | Output Type                      | Transistor Driver                             |
| Output Phases                  | 1                                                                    | Output Configuration             | Positive                                      |
| Other Names                    | 576-3640-5<br>MIC2164CYMM-ND                                         | 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-Down                                     |
| Frequency - Switching          | 270kHz                                                               | Duty Cycle (Max)                 | 87%                                           |
| Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP | Control Features                 | Enable                                        |
| Clock Sync                     | No                                                                   | Base Part Number                 | MIC2164                                       |

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