

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MIC2168ABMM

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2168ABMM                                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG CTRLR BUCK 10MSOP                                                                                             |
| Datasheets:         |  <a href="#">MIC2168ABMM.pdf</a>    |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 43150 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of MIC2168ABMM

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2168ABMM                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                       |
| DESCRIPTION                      | IC REG CTRLR BUCK 10MSOP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                  |
| QUANTITY AVAILABLE               | 43150 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">MIC2168ABMM.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 14.5 V                                                                                                        |
| TOPOLOGY                         | Buck                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                                             |
| SERIES                           | -                                                                                                                   |
| 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                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                  |
| FUNCTION                         | Step-Down                                                                                                           |
| FREQUENCY - SWITCHING            | 1MHz                                                                                                                |
| DUTY CYCLE (MAX)                 | 90%                                                                                                                 |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP                                                |
| CONTROL FEATURES                 | Current Limit, Enable                                                                                               |
| CLOCK SYNC                       | No                                                                                                                  |
| BASE PART NUMBER                 | MIC2168                                                                                                             |

#### Related Tags

|                                           |                                        |                                                    |
|-------------------------------------------|----------------------------------------|----------------------------------------------------|
| Micrel / Microchip Technology MIC2168ABMM | MIC2168ABMM Distributor                | MIC2168ABMM Supplier                               |
| MIC2168ABMM Price                         | MIC2168ABMM Pictures                   | MIC2168ABMM Image                                  |
| MIC2168ABMM PDF Datasheet                 | MIC2168ABMM Download Datasheet         | MIC2168ABMM Datasheet                              |
| MIC2168ABMM Stock                         | Buy MIC2168ABMM                        | Buy Micrel / Microchip Technology MIC2168ABMM      |
| Micrel / Microchip Technology MIC2168ABMM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor          |
| Micrel / Microchip Technology MIC2168ABMM | Microchip Technology MIC2168ABMM       | Roving Networks / Microchip Technology MIC2168ABMM |

#### Related Products

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| <div>MICROCHIP</div> <div><b>MIC2165YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10TSOP<br/>In stock: 91408 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MIC2166YMME</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 82497 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>MIC2168AYMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 63591 pcs</div> <div>RFQ</div>          | <div></div> <div><b>MIC2168ABMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 56255 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MIC2168BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 54557 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>MIC2166YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 74692 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>MIC2165YMME</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 76501 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MIC2168YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 65388 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MIC2168AYMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 86252 pcs</div> <div>RFQ</div>             | <div></div> <div><b>MIC2168BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 35885 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div><b>MIC2166YMME-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10TSOP<br/>In stock: 99577 pcs</div> <div>RFQ</div> | <div></div> <div><b>MIC2164YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 102340 pcs</div> <div>RFQ</div>       |