

MICROCHIP

Micrel / Microchip Technology

MIC2168YMM-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2168YMM-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR BUCK 10MSOP                                                                                     |
| Datasheets:         |  MIC2168YMM-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 56561 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MIC2168YMM-TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2168YMM-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG CTRLR BUCK 10MSOP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 56561 pcs                                                                                             |
| DATA SHEET                       |  MIC2168YMM-TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 14.5 V                                                                                          |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                               |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                              |
| OUTPUT TYPE                      | Transistor Driver                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | MIC2168YMM TR<br>MIC2168YMM TR-ND<br>MIC2168YMMTR<br>MIC2168YMMTR-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            | 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 MIC2168YMM-TR | MIC2168YMM-TR Distributor              | MIC2168YMM-TR Supplier                               |
| MIC2168YMM-TR Price                         | MIC2168YMM-TR Pictures                 | MIC2168YMM-TR Image                                  |
| MIC2168YMM-TR PDF Datasheet                 | MIC2168YMM-TR Download Datasheet       | MIC2168YMM-TR Datasheet                              |
| MIC2168YMM-TR Stock                         | Buy MIC2168YMM-TR                      | Buy Micrel / Microchip Technology MIC2168YMM-TR      |
| Micrel / Microchip Technology MIC2168YMM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2168YMM-TR | Microchip Technology MIC2168YMM-TR     | Roving Networks / Microchip Technology MIC2168YMM-TR |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2168YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 65388 pcs<br/><b>RFQ</b></div>     |  <div><b>MIC2169AYMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 66619 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MIC2168AYMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 63591 pcs<br/><b>RFQ</b></div> |  <div><b>MIC2169ABMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 64484 pcs<br/><b>RFQ</b></div> |
|  <div><b>MIC2169BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 48476 pcs<br/><b>RFQ</b></div>  |  <div><b>MIC2168BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 54557 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC2169AYMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 57501 pcs<br/><b>RFQ</b></div> |  <div><b>MIC2169BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 38658 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MIC2168ABMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 56255 pcs<br/><b>RFQ</b></div> |  <div><b>MIC2169ABMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 50533 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MIC2168BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 35885 pcs<br/><b>RFQ</b></div>     |  <div><b>MIC2168AYMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 86252 pcs<br/><b>RFQ</b></div>    |