



Micrel / Microchip Technology

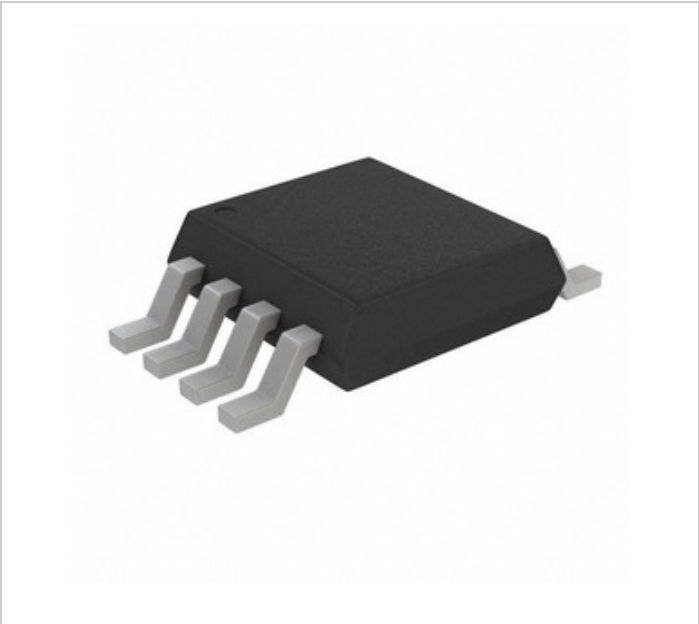


Image may be representation. See specifications for product details.

## MIC38C45AYMM

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C45AYMM                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                      |
| Product description | IC REG CTRLR MULT TOPOLOGY 8MSOP                                                                                   |
| Datasheets:         |  <a href="#">MIC38C45AYMM.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

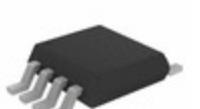
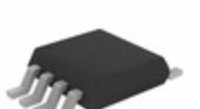
### Specifications of MIC38C45AYMM

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C45AYMM                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                         |
| DESCRIPTION                      | IC REG CTRLR MULT TOPOLOGY 8MSOP                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| DATA SHEET                       |  <a href="#">MIC38C45AYMM.pdf</a>                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 20 V                                                                                                                                          |
| TOPOLOGY                         | Buck, Boost, Flyback, Forward Converter                                                                                                               |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                |
| SERIES                           | -                                                                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                  |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                 |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                                                |
| DUTY CYCLE (MAX)                 | 50%                                                                                                                                                   |
| DETAILED DESCRIPTION             | Buck, Boost, Flyback, Forward Converter Regulator Positive, Isolation Capable Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-MSOP |
| CONTROL FEATURES                 | Frequency Control                                                                                                                                     |
| CLOCK SYNC                       | No                                                                                                                                                    |
| BASE PART NUMBER                 | MIC38C45                                                                                                                                              |

### Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MIC38C45AYMM | MIC38C45AYMM Distributor               | MIC38C45AYMM Supplier                               |
| MIC38C45AYMM Price                         | MIC38C45AYMM Pictures                  | MIC38C45AYMM Image                                  |
| MIC38C45AYMM PDF Datasheet                 | MIC38C45AYMM Download Datasheet        | MIC38C45AYMM Datasheet                              |
| MIC38C45AYMM Stock                         | Buy MIC38C45AYMM                       | Buy Micrel / Microchip Technology MIC38C45AYMM      |
| Micrel / Microchip Technology MIC38C45AYMM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MIC38C45AYMM | Microchip Technology MIC38C45AYMM      | Roving Networks / Microchip Technology MIC38C45AYMM |

### Related Products

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|  <div><b>MIC38C45ABMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC38C45AYMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC38C45BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC38C45AYM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MIC38C45AYM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 380 pcs<br/><div>RFQ</div></div>       |  <div><b>MIC38C45BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MIC38C45ABM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC38C45BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>MIC38C45ABM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MIC38C45ABMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC38C45BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MIC38C45BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |