



Micrel / Microchip Technology

MIC38C45-1BM-TR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C45-1BM-TR                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG CTRLR MULT TOP 14SOIC                                                                                         |
| Datasheets:         |  MIC38C45-1BM-TR.pdf                |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| 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 MIC38C45-1BM-TR

|                                  |                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C45-1BM-TR                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                          |
| DESCRIPTION                      | IC REG CTRLR MULT TOP 14SOIC                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                     |
| DATA SHEET                       |  MIC38C45-1BM-TR.pdf                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 20 V                                                                                                                                           |
| TOPOLOGY                         | Buck, Boost, Flyback, Forward Converter                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                                                |
| SERIES                           | -                                                                                                                                                      |
| SERIAL INTERFACES                | -                                                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                       |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                                                         |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                      |
| OUTPUT PHASES                    | 1                                                                                                                                                      |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                                                            |
| OTHER NAMES                      | MIC38C45-1BM TR<br>MIC38C45-1BM TR-ND<br>MIC38C45-1BMTR<br>MIC38C45-1BMTR-ND                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                      |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-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 14-SOIC |
| CONTROL FEATURES                 | Frequency Control                                                                                                                                      |
| CLOCK SYNC                       | No                                                                                                                                                     |
| BASE PART NUMBER                 | MIC38C45                                                                                                                                               |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MIC38C45-1BM-TR | MIC38C45-1BM-TR Distributor            | MIC38C45-1BM-TR Supplier                               |
| MIC38C45-1BM-TR Price                         | MIC38C45-1BM-TR Pictures               | MIC38C45-1BM-TR Image                                  |
| MIC38C45-1BM-TR PDF Datasheet                 | MIC38C45-1BM-TR Download Datasheet     | MIC38C45-1BM-TR Datasheet                              |
| MIC38C45-1BM-TR Stock                         | Buy MIC38C45-1BM-TR                    | Buy Micrel / Microchip Technology MIC38C45-1BM-TR      |
| Micrel / Microchip Technology MIC38C45-1BM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MIC38C45-1BM-TR | Microchip Technology MIC38C45-1BM-TR   | Roving Networks / Microchip Technology MIC38C45-1BM-TR |

Related Products

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|  <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>MIC38C44YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 409 pcs<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>MIC38C45-1YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC38C45-1BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 14DIP<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>MIC38C44YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>MIC38C45-1YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC38C45-1BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>MIC38C44YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 350 pcs<br/><div>RFQ</div></div>           |
|  <div><b>MIC38C44YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>MIC38C44YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |