

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC38C44YM-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C44YM-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR PWM CM 8SOIC                                                                                    |
| Datasheets:         |  MIC38C44YM-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 70469 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

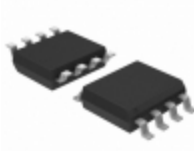
Specifications of MIC38C44YM-TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C44YM-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8SOIC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 70469 pcs                                                                                             |
| DATA SHEET                       |  MIC38C44YM-TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 9 V ~ 20 V                                                                                            |
| VOLTAGE - START UP               | 14.5V                                                                                                 |
| VOLTAGE - BREAKDOWN              | -                                                                                                     |
| TOPOLOGY                         | Boost, Buck, Flyback, Forward                                                                         |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                |
| SERIES                           | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                         |
| OUTPUT ISOLATION                 | Isolated                                                                                              |
| OTHER NAMES                      | MIC38C44YM TR<br>MIC38C44YM TR-ND<br>MIC38C44YMTR<br>MIC38C44YMTR-ND                                  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INTERNAL SWITCH(S)               | Yes                                                                                                   |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                |
| FAULT PROTECTION                 | -                                                                                                     |
| DUTY CYCLE                       | 50%                                                                                                   |
| DETAILED DESCRIPTION             | Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 8-SOIC                                |
| CONTROL FEATURES                 | Frequency Control                                                                                     |
| BASE PART NUMBER                 | MIC38C44                                                                                              |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC38C44YM-TR | MIC38C44YM-TR Distributor              | MIC38C44YM-TR Supplier                               |
| MIC38C44YM-TR Price                         | MIC38C44YM-TR Pictures                 | MIC38C44YM-TR Image                                  |
| MIC38C44YM-TR PDF Datasheet                 | MIC38C44YM-TR Download Datasheet       | MIC38C44YM-TR Datasheet                              |
| MIC38C44YM-TR Stock                         | Buy MIC38C44YM-TR                      | Buy Micrel / Microchip Technology MIC38C44YM-TR      |
| Micrel / Microchip Technology MIC38C44YM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC38C44YM-TR | Microchip Technology MIC38C44YM-TR     | Roving Networks / Microchip Technology MIC38C44YM-TR |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC38C44BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 91400 pcs<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: 47793 pcs<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: 57304 pcs<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: 39753 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC38C44BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: 74277 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: 70650 pcs<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: 41441 pcs<br/><div>RFQ</div></div> |  <div><b>MIC38C44BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 52024 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC38C45-1BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 59142 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC38C44BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: 63197 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC38C44BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 68047 pcs<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: 50024 pcs<br/><div>RFQ</div></div>      |