



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC38C42YM-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C42YM-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR PWM CM 8SOIC                                                                                    |
| Datasheets:         |  MIC38C42YM-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MIC38C42YM-TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C42YM-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8SOIC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  MIC38C42YM-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                      | MIC38C42YM TR<br>MIC38C42YM TR-ND<br>MIC38C42YMTR<br>MIC38C42YMTR-ND                                  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INTERNAL SWITCH(S)               | Yes                                                                                                   |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                |
| FAULT PROTECTION                 | -                                                                                                     |
| DUTY CYCLE                       | 96%                                                                                                   |
| DETAILED DESCRIPTION             | Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 8-SOIC                                |
| CONTROL FEATURES                 | Frequency Control                                                                                     |
| BASE PART NUMBER                 | MIC38C42                                                                                              |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC38C42YM-TR | MIC38C42YM-TR Distributor              | MIC38C42YM-TR Supplier                               |
| MIC38C42YM-TR Price                         | MIC38C42YM-TR Pictures                 | MIC38C42YM-TR Image                                  |
| MIC38C42YM-TR PDF Datasheet                 | MIC38C42YM-TR Download Datasheet       | MIC38C42YM-TR Datasheet                              |
| MIC38C42YM-TR Stock                         | Buy MIC38C42YM-TR                      | Buy Micrel / Microchip Technology MIC38C42YM-TR      |
| Micrel / Microchip Technology MIC38C42YM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC38C42YM-TR | Microchip Technology MIC38C42YM-TR     | Roving Networks / Microchip Technology MIC38C42YM-TR |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC38C42YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>MIC38C42BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: Out stock<br/>RFQ</div>       |
|  <div><b>MIC38C42YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MIC38C42BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: Out stock<br/>RFQ</div>          |
|  <div><b>MIC38C43-1BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC38C42YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: 268 pcs<br/>RFQ</div>            |
|  <div><b>MIC38C42YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 61 pcs<br/>RFQ</div>            |  <div><b>MIC38C43-1BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 14DIP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC38C42BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>MIC38C42BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8-DIP<br/>In stock: Out stock<br/>RFQ</div>          |
|  <div><b>MIC38C42BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8MSOP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MIC38C43-1BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock<br/>RFQ</div>     |