



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC38HC42-1BM-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38HC42-1BM-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG CTRLR PWM CM 14-SOIC                                                                                            |
| Datasheets:         |  <a href="#">MIC38HC42-1BM-TR.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant   |
| Stock Condition     | 49457 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

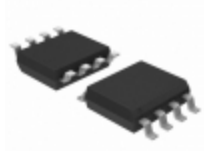
Specifications of MIC38HC42-1BM-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38HC42-1BM-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG CTRLR PWM CM 14-SOIC                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| QUANTITY AVAILABLE               | 49457 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC38HC42-1BM-TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 9 V ~ 20 V                                                                                                               |
| VOLTAGE - START UP               | 14.5V                                                                                                                    |
| VOLTAGE - BREAKDOWN              | -                                                                                                                        |
| TOPOLOGY                         | Boost, Buck, Flyback, Forward                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                  |
| SERIES                           | -                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                           |
| OUTPUT ISOLATION                 | Isolated                                                                                                                 |
| OTHER NAMES                      | MIC38HC42-1BM TR<br>MIC38HC42-1BM TR-ND<br>MIC38HC42-1BMTR<br>MIC38HC42-1BMTR-ND                                         |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| INTERNAL SWITCH(S)               | Yes                                                                                                                      |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                   |
| FAULT PROTECTION                 | -                                                                                                                        |
| DUTY CYCLE                       | 96%                                                                                                                      |
| DETAILED DESCRIPTION             | Converter Offline Boost, Buck, Flyback, Forward Topology 500kHz 14-SOIC                                                  |
| CONTROL FEATURES                 | Frequency Control                                                                                                        |
| BASE PART NUMBER                 | MIC38HC42                                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC38HC42-1BM-TR | MIC38HC42-1BM-TR Distributor           | MIC38HC42-1BM-TR Supplier                               |
| MIC38HC42-1BM-TR Price                         | MIC38HC42-1BM-TR Pictures              | MIC38HC42-1BM-TR Image                                  |
| MIC38HC42-1BM-TR PDF Datasheet                 | MIC38HC42-1BM-TR Download Datasheet    | MIC38HC42-1BM-TR Datasheet                              |
| MIC38HC42-1BM-TR Stock                         | Buy MIC38HC42-1BM-TR                   | Buy Micrel / Microchip Technology MIC38HC42-1BM-TR      |
| Micrel / Microchip Technology MIC38HC42-1BM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC38HC42-1BM-TR | Microchip Technology MIC38HC42-1BM-TR  | Roving Networks / Microchip Technology MIC38HC42-1BM-TR |

Related Products

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|  <div><b>MIC38HC42BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 54477 pcs<br/><div>RFQ</div></div>        |  <div><b>MIC38HC42-1BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 41655 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MIC38HC42-1YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14DIP<br/>In stock: 46173 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC38C45YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 73137 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC38HC42-1BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14DIP<br/>In stock: 36859 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC38C45YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 51402 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC38HC42-1YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 53451 pcs<br/><div>RFQ</div></div> |  <div><b>MIC38C45YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: 102159 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC38C45YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 63263 pcs<br/><div>RFQ</div></div> |  <div><b>MIC38C45YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 61644 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MIC38HC42-1YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 49130 pcs<br/><div>RFQ</div></div>    |  <div><b>MIC38HC42BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 66086 pcs<br/><div>RFQ</div></div>        |