



Micrel / Microchip Technology



MIC38C42BN

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C42BN                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG CTRLR PWM CM 8-DIP                                                                                            |
| Datasheets:         |  <a href="#">MIC38C42BN.pdf</a>     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 50964 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

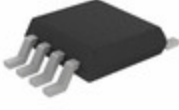
Specifications of MIC38C42BN

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C42BN                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                      |
| DESCRIPTION                      | IC REG CTRLR PWM CM 8-DIP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                 |
| QUANTITY AVAILABLE               | 50964 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">MIC38C42BN.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          | 8-DIP                                                                                                              |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tube                                                                                                               |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                             |
| OUTPUT ISOLATION                 | Isolated                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                                 |
| 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 8-DIP                                              |
| CONTROL FEATURES                 | Frequency Control                                                                                                  |
| BASE PART NUMBER                 | MIC38C42                                                                                                           |

Related Tags

|                                          |                                        |                                                   |
|------------------------------------------|----------------------------------------|---------------------------------------------------|
| Micrel / Microchip Technology MIC38C42BN | MIC38C42BN Distributor                 | MIC38C42BN Supplier                               |
| MIC38C42BN Price                         | MIC38C42BN Pictures                    | MIC38C42BN Image                                  |
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Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>MIC38C42YN</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8-DIP</div><div>In stock: 51062 pcs</div><div>RFQ</div></div>      | <div><div>MIC38C42AYMM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 57626 pcs</div><div>RFQ</div></div>    |
| <div><div>MIC38C42YMM-TR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 60076 pcs</div><div>RFQ</div></div>  | <div><div>MIC38C42BM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8SOIC</div><div>In stock: 55923 pcs</div><div>RFQ</div></div>      |
| <div><div>MIC38C42BMM-TR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 65334 pcs</div><div>RFQ</div></div>  | <div><div>MIC38C42BMM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 59480 pcs</div><div>RFQ</div></div>     |
| <div><div>MIC38C42YMM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 70268 pcs</div><div>RFQ</div></div>     | <div><div>MIC38C42YM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8SOIC</div><div>In stock: 53877 pcs</div><div>RFQ</div></div>      |
| <div><div>MIC38C43-1BM</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR MULT TOP 14SOIC</div><div>In stock: 52787 pcs</div><div>RFQ</div></div> | <div><div>MIC38C42AYMM-TR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8MSOP</div><div>In stock: 56642 pcs</div><div>RFQ</div></div> |
| <div><div>MIC38C42BM-TR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8SOIC</div><div>In stock: 89455 pcs</div><div>RFQ</div></div>   | <div><div>MIC38C42YM-TR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC REG CTRLR PWM CM 8SOIC</div><div>In stock: 79343 pcs</div><div>RFQ</div></div>   |