



Micrel / Microchip Technology



MIC38C43YN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38C43YN                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR MULT TOPOLOGY 8DIP                                                                              |
| Datasheets:         |  MIC38C43YN.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 63258 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MIC38C43YN

|                                  |                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38C43YN                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                        |
| DESCRIPTION                      | IC REG CTRLR MULT TOPOLOGY 8DIP                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                           |
| QUANTITY AVAILABLE               | 63258 pcs                                                                                                                                            |
| DATA SHEET                       |  MIC38C43YN.pdf                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 20 V                                                                                                                                         |
| TOPOLOGY                         | Buck, Boost, Flyback, Forward Converter                                                                                                              |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-DIP                                                                                                                                                |
| SERIES                           | -                                                                                                                                                    |
| SERIAL INTERFACES                | -                                                                                                                                                    |
| PACKAGING                        | Tube                                                                                                                                                 |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                                                               |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                    |
| OUTPUT PHASES                    | 1                                                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                                                          |
| OTHER NAMES                      | 576-2290<br>MIC38C43YN-ND                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                           |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                                               |
| DUTY CYCLE (MAX)                 | 96%                                                                                                                                                  |
| DETAILED DESCRIPTION             | Buck, Boost, Flyback, Forward Converter Regulator Positive, Isolation Capable Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-DIP |
| CONTROL FEATURES                 | Frequency Control                                                                                                                                    |
| CLOCK SYNC                       | No                                                                                                                                                   |
| BASE PART NUMBER                 | MIC38C43                                                                                                                                             |

Related Tags

|                                          |                                        |                                                   |
|------------------------------------------|----------------------------------------|---------------------------------------------------|
| Micrel / Microchip Technology MIC38C43YN | MIC38C43YN Distributor                 | MIC38C43YN Supplier                               |
| MIC38C43YN Price                         | MIC38C43YN Pictures                    | MIC38C43YN Image                                  |
| MIC38C43YN PDF Datasheet                 | MIC38C43YN Download Datasheet          | MIC38C43YN Datasheet                              |
| MIC38C43YN Stock                         | Buy MIC38C43YN                         | Buy Micrel / Microchip Technology MIC38C43YN      |
| Micrel / Microchip Technology MIC38C43YN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor         |
| Micrel / Microchip Technology MIC38C43YN | Microchip Technology MIC38C43YN        | Roving Networks / Microchip Technology MIC38C43YN |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC38C43YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 36947 pcs<br/>RFQ</div>    |  <div><b>MIC38C43XYM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 63326 pcs<br/>RFQ</div>    |
|  <div><b>MIC38C43YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 54165 pcs<br/>RFQ</div>  |  <div><b>MIC38C44-1YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14DIP<br/>In stock: 47465 pcs<br/>RFQ</div>          |
|  <div><b>MIC38C44-1BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 48278 pcs<br/>RFQ</div>        |  <div><b>MIC38C44-1YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 51204 pcs<br/>RFQ</div>        |
|  <div><b>MIC38C43XYM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 71165 pcs<br/>RFQ</div> |  <div><b>MIC38C44-1BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14DIP<br/>In stock: 38102 pcs<br/>RFQ</div>          |
|  <div><b>MIC38C44-1YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 64005 pcs<br/>RFQ</div>     |  <div><b>MIC38C43YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 53429 pcs<br/>RFQ</div>     |
|  <div><b>MIC38C44-1BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR PWM CM 14-SOIC<br/>In stock: 56312 pcs<br/>RFQ</div>     |  <div><b>MIC38C43YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 37340 pcs<br/>RFQ</div> |