



MIC38HC45YM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC38HC45YM                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR MULT TOPOLOGY 8SOIC                                                                             |
| Datasheets:         |  MIC38HC45YM.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

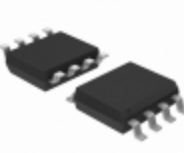
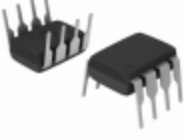
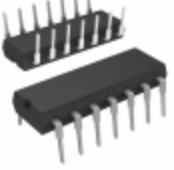
Specifications of MIC38HC45YM

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC38HC45YM                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                         |
| DESCRIPTION                      | IC REG CTRLR MULT TOPOLOGY 8SOIC                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| DATA SHEET                       |  MIC38HC45YM.pdf                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 20 V                                                                                                                                          |
| TOPOLOGY                         | Buck, Boost, Flyback, Forward Converter                                                                                                               |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                |
| SERIES                           | -                                                                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                                                         |
| OUTPUT TYPE                      | Transistor Driver                                                                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                                                           |
| OTHER NAMES                      | 576-1519-5<br>MIC38HC45YM-ND                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| FUNCTION                         | Step-Up, Step-Down, Step-Up/Step-Down                                                                                                                 |
| FREQUENCY - SWITCHING            | -                                                                                                                                                     |
| DUTY CYCLE (MAX)                 | 50%                                                                                                                                                   |
| 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-SOIC |
| CONTROL FEATURES                 | Frequency Control                                                                                                                                     |
| CLOCK SYNC                       | No                                                                                                                                                    |
| BASE PART NUMBER                 | MIC38HC45                                                                                                                                             |

Related Tags

|                                           |                                        |                                                    |
|-------------------------------------------|----------------------------------------|----------------------------------------------------|
| Micrel / Microchip Technology MIC38HC45YM | MIC38HC45YM Distributor                | MIC38HC45YM Supplier                               |
| MIC38HC45YM Price                         | MIC38HC45YM Pictures                   | MIC38HC45YM Image                                  |
| MIC38HC45YM PDF Datasheet                 | MIC38HC45YM Download Datasheet         | MIC38HC45YM Datasheet                              |
| MIC38HC45YM Stock                         | Buy MIC38HC45YM                        | Buy Micrel / Microchip Technology MIC38HC45YM      |
| Micrel / Microchip Technology MIC38HC45YM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor          |
| Micrel / Microchip Technology MIC38HC45YM | Microchip Technology MIC38HC45YM       | Roving Networks / Microchip Technology MIC38HC45YM |

Related Products

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| <div></div> <div><b>MIC39100-1.65BU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.65V 1A TO263-3<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MIC38HC45BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>MIC38HC45-1YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>     | <div></div> <div><b>MIC39100-1.8BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 1A SOT223<br/>In stock: Out stock</div> <div>RFQ</div>     |
| <div></div> <div><b>MIC38HC45YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: Out stock</div> <div>RFQ</div>       | <div></div> <div><b>MIC38HC45BN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8DIP<br/>In stock: Out stock</div> <div>RFQ</div>     |
| <div></div> <div><b>MIC39100-1.65BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.65V 1A TO263-3<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>MIC38HC45-1YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 14DIP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MIC38HC45YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MIC39100-1.65BT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.65V 1A TO220-3<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MIC38HC45-1YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>        | <div></div> <div><b>MIC38HC45BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |