

MIC38C45YMM



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Part Number: [MIC38C45YMM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR MULT TOPOLOGY 8MSOP

Data sheet:  [MIC38C42, 43, 44, 45](#)

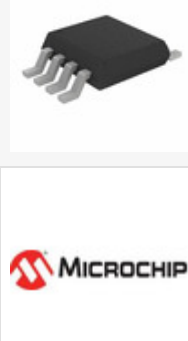
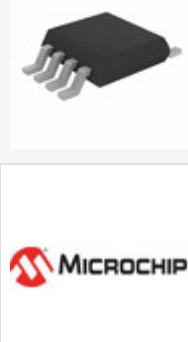
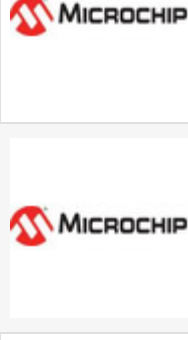
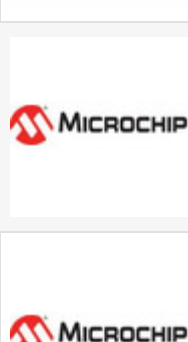
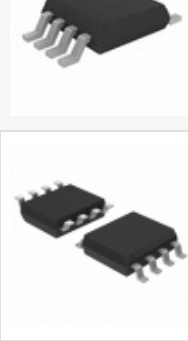
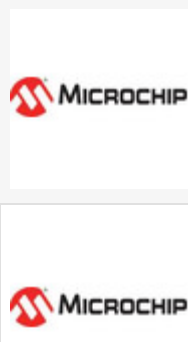
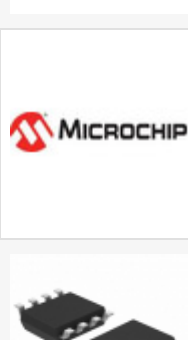
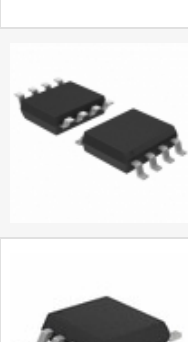
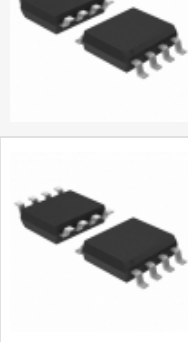
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MIC38C45YMM                               | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR MULT TOPOLOGY 8MSOP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 69314 pcs                                 | Data sheet                     | <a href="#">MIC38C42, 43, 44, 45</a>                                                                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 7.6 V ~ 20 V                                                                                                                                          |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck, Boost, Flyback, Forward Converter   | Synchronous Rectifier          | Yes                                                                                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-MSOP                                    | Series                         | -                                                                                                                                                     |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Packaging                      | Tube                                                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Output Type                    | Transistor Driver                                                                                                                                     |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                         | Output Configuration           | Positive, Isolation Capable                                                                                                                           |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 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-MSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Frequency Control                         | Clock Sync                     | No                                                                                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MIC38C45                                  |                                |                                                                                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC38HC42-1BM</a><br>Description: IC REG CTRLR PWM CM 14-SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38C45BMM-TR</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38HC42-1BM-TR</a><br>Description: IC REG CTRLR PWM CM 14-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38C45AYMM</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38HC42-1YM-TR</a><br>Description: IC REG CTRLR PWM CM 14-SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38C45BN</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38C45BMM</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38C45YN</a><br>Description: IC REG CTRLR MULT TOPOLOGY 8DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC38HC42-1YM</a><br>Description: IC REG CTRLR PWM CM 14-SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC38HC42-1YN</a><br>Description: IC REG CTRLR PWM CM 14DIP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC38C45YMM

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