

MIC38HC42-1BN



Part Number: [MIC38HC42-1BN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR PWM CM 14DIP

Data sheet:  [MIC38HC42, 43, 44, 45](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER              |                                           |                                  |                                                                        |
|--------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Part Number                    | MIC38HC42-1BN                             | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                          |
| Description                    | IC REG CTRLR PWM CM 14DIP                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                     |
| Quantity Available             | 32884 pcs                                 | Data sheet                       | <a href="#">MIC38HC42, 43, 44, 45</a>                                  |
| Category                       | <a href="#">Integrated Circuits (ICs)</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-DIP                                                                 |
| Series                         | -                                         | Packaging                        | Tube                                                                   |
| Package / Case                 | 14-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 14-DIP |
| Control Features               | Frequency Control                         | Base Part Number                 | MIC38HC42                                                              |

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