

MIC2103YML-TR





Part Number: [MIC2103YML-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BUCK 16MLF

Data sheet:  [MIC2103,04](#)

RoHs Status: Lead free / RoHS Compliant

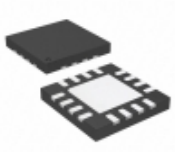
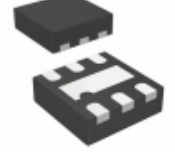
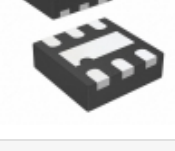
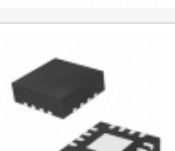
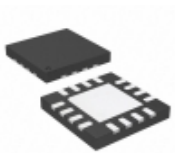
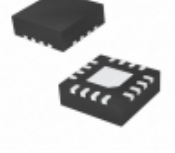
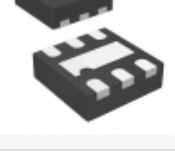
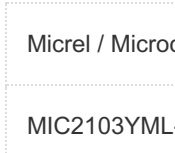
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                  |                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC2103YML-TR                                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG CTRLR BUCK 16MLF                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 92840 pcs                                            | Data sheet                       | <a href="#">MIC2103,04</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>            | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 75 V                                                               |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck                                                 | Synchronous Rectifier            | Yes                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 16-MLF® (3x3)                                        | Series                           | HyperLight Load®                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                    | Packaging                        | Original-Reel®                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-VFQFN Exposed Pad                                 | Output Type                      | Transistor Driver                                                          |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                    | Output Configuration             | Positive                                                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                            | 576-4156-6                                           | Operating Temperature            | -40°C ~ 125°C (TJ)                                                         |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                    | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                        | 11 Weeks                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Down                                            | Frequency - Switching            | 200kHz ~ 600kHz                                                            |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 85%                                                  | Detailed Description             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-MLF® (3x3) |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                       | Current Limit, Enable, Frequency Control, Power Good | Clock Sync                       | No                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC2103                                              |                                  |                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC2124YMM-TR</a><br>Description: IC REG CTRLR BUCK 10MSOP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2126YML-T5</a><br>Description: IC REG CTRLR BUCK 16VQFN           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2111BYMT-TR</a><br>Description: IC REG CTRLR BUCK 20TQFN          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2124YMM</a><br>Description: IC REG CTRLR BUCK 10MSOP              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2103YML-10A-EV</a><br>Description: BOARD EVAL BUCK REG MIC2103YML | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2125YML-TR</a><br>Description: IC REG CTRLR BUCK 16VQFN           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2104YML-TR</a><br>Description: IC REG CTRLR BUCK 16MLF            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2102YML-TR</a><br>Description: IC REG CTRLR BUCK 16MLF            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2127-AYML</a><br>Description: 75V, SYNCHRONOUS BUCK CONTROLLER    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2126YML-TR</a><br>Description: IC REG CTRLR BUCK 16VQFN           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2101YML-TR</a><br>Description: IC REG CTRLR BUCK 16MLF            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2097-2YMT-TR</a><br>Description: IC DISTRIBUTION SWITCH           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC2103YML-TR

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