

MIC2183YM



Part Number: [MIC2183YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:  [MIC2183](#)

RoHs Status: Lead free / RoHS Compliant

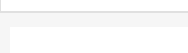
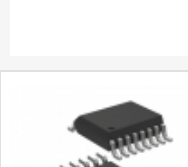
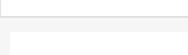
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC2183YM                                 | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR BUCK 16SOIC                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 35455 pcs                                 | Data sheet                     | <a href="#">MIC2183</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.9 V ~ 14 V                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Buck                                      | Synchronous Rectifier          | Yes                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-SOIC                                   | Series                         | -                                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Packaging                      | Tube                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-SOIC (0.154", 3.90mm Width)            | Output Type                    | Transistor Driver                                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Output Configuration           | Positive                                                             |
| 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-Down                                 | Frequency - Switching          | 200kHz, 400kHz                                                       |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100%                                      | Detailed Description           | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Enable, Frequency Control, Soft Start     | Clock Sync                     | Yes                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MIC2183                                   |                                |                                                                      |
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