



### **MIC2183YM Information**

Part Number MIC2183YM

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

**Description** IC REG CTRLR BUCK 16SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

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Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **MIC2183YM Specifications**

| Manufacturer Part Number   | MIC2183YM                                               |
|----------------------------|---------------------------------------------------------|
| Manufacturer               | Microchip Technology                                    |
| Category                   | Integrated Circuits (ICs)                               |
|                            | PMIC - Voltage Regulators - DC DC Switching Controllers |
| Package                    | 16-SOIC (0.154", 3.90mm Width)                          |
| Series                     | -                                                       |
| Output Type                | Transistor Driver                                       |
| Function                   | Step-Down                                               |
| Output Configuration       | Positive                                                |
| Topology                   | Buck                                                    |
| Number of Outputs          | 1                                                       |
| Output Phases              | 1                                                       |
| Voltage - Supply (Vcc/Vdd) | 2.9 V ~ 14 V                                            |
| Frequency - Switching      | 200kHz, 400kHz                                          |
| Duty Cycle (Max)           | 100%                                                    |
| Synchronous Rectifier      | Yes                                                     |
| Clock Sync                 | Yes                                                     |
| Serial Interfaces          | -                                                       |
| Control Features           | Enable, Frequency Control, Soft Start                   |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 16-SOIC (0.154", 3.90mm Width)                          |
| Supplier Device Package    | 16-SOIC                                                 |
|                            | Report errors?                                          |

### **MIC2183YM Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **MIC2183YM Payment Methods**



















## **MIC2183YM Shipping Methods**













If you have any question about MIC2183YM, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com