

#### MIC2182-5.0YM Information

www.heisener.com

For Reference Only

Part NumberMIC2182-5.0YMManufacturerMicrochip 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

u

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



Request a Quote

# **Certified Quality**

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.









# **MIC2182-5.0YM Specifications**

Manufacturer  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		
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	Manufacturer Part Number	MIC2182-5.0YM
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	Manufacturer	Microchip Technology
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	Category	Integrated Circuits (ICs)
Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1		PMIC - Voltage Regulators - DC DC Switching Controllers
Output Type Transistor Driver  Function Step-Down Output Configuration Positive  Topology Buck  Number of Outputs 1 Output Phases 1	Package	16-SOIC (0.154", 3.90mm Width)
Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1	Series	-
Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1	Output Type	Transistor Driver
Topology Buck Number of Outputs 1 Output Phases 1	Function	Step-Down
Number of Outputs 1 Output Phases 1	Output Configuration	Positive
Output Phases 1	Topology	Buck
	Number of Outputs	1
V 1	Output Phases	1
voltage - Supply ( $\sqrt{\text{cc}}/\sqrt{\text{dd}}$ ) 4.5 $\sqrt{\text{c}}/\sqrt{\text{dd}}$	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 32 V
Frequency - Switching 300kHz	Frequency - Switching	300kHz
Duty Cycle (Max) 86%	Duty Cycle (Max)	86%
Synchronous Rectifier Yes	Synchronous Rectifier	Yes
Clock Sync Yes	Clock Sync	Yes
Serial Interfaces -	Serial Interfaces	-
Control Features Enable, Soft Start	Control Features	Enable, Soft Start
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Package / Case 16-SOIC (0.154", 3.90mm Width)	Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors		Report errors?

#### MIC2182-5.0YM 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.

### **MIC2182-5.0YM Payment Methods**









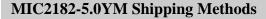
























If you have any question about MIC2182-5.0YM, please do not hesitate to contact us!

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