

# MIC5236-5.0BM

#### **MIC5236-5.0BM Information**

weithenener.com	 MIC5236-5.0BM Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 150MA 8SOIC 8-SOIC (0.154", 3.90mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	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.



### **MIC5236-5.0BM Specifications**

Manufacturer Microchip Technology   Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear   Package &-SOIC (0.154", 3.90mm Width)   Series -   Dutput Configuration Positive   Dutput Configuration Fixed   Number of Regulators 1   Voltage - Input (Max) 30V   Voltage - Output (Min/Fixed) 5V   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 150mA   Current - Quiescent (Iq) -   Current - Supply (Max) 30µA ~ 5mA   PSRR -   Control Features Enable   Protection Features Load Dump, Over Current, Over Temperature, Over Voltage, Reverse Polarity   Operating Temperature 40°C ~ 125°C   Mounting Type Surface Mount			
Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear   Package 8-SOIC (0.154", 3.90mm Width)   Series -   Output Configuration Positive   Dutput Configuration Fixed   Number of Regulators 1   Voltage - Input (Max) 30V   Voltage - Output (Min/Fixed) 5V   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage - Output (Max) 0.5V @ 150mA   Current - Output 150mA   Current - Quiescent (Iq) -   Current - Quiescent (Iq) -   PSRR -   Control Features Solup, Over Current, Over Temperature, Over Voltage, Reverse Polarity   Operating Temperature 40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	MIC5236-5.0BM	
PMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Max)5VVoltage Dropout (Max)-Current - Output150mACurrent - Output (Max)30µA ~ 5mACurrent - Supply (Max)30µA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	Microchip Technology	
Package8-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mACurrent - Output150mACurrent - Output30µA ~ 5mACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mACurrent - Output150mACurrent - Output30µA ~ 5mACurrent - Supply (Max)30µA ~ 5mAProtection FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating TemperatureSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperaturesurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mAVoltage Dropout (Max)150mACurrent - Output150mACurrent - Quiescent (Iq)30µA ~ 5mAPSRR-Control FeaturesFinableProtection Features-Output Type-Output Type-Package / CaseSvif Co.154", 3.90mm Width)Supplier Device Package-SOIC	Series	-	
Number of Regulators1Number of Regulators30VVoltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package8-SOIC (0.154", 3.90mm Width)	Output Configuration	Positive	
Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Output Type	Fixed	
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 5mAPSR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating TemperatureSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Voltage - Input (Max)	30V	
Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Output (Min/Fixed)	5V	
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)30μA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage Dropout (Max)	0.5V @ 150mA	
Current - Supply (Max)30μA ~ 5mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Output	150mA	
PSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Supply (Max)	$30\mu A \sim 5mA$	
Protection FeaturesLoad Dump, Over Current, Over Temperature, Over Voltage, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	PSRR	-	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Control Features	Enable	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Protection Features	Load Dump, Over Current, Over Temperature, Over Voltage, Reverse Polarity	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	8-SOIC	
		Report errors?	

#### **MIC5236-5.0BM 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### MIC5236-5.0BM Payment Methods





If you have any question about MIC5236-5.0BM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com