

# ADC08831IWMX/NOPB

### **ADC08831IWMX/NOPB Information**

Attern and a second		ADC088311WMX/NOPB Texas Instruments Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC ADC 8BIT SERIAL I/O 14-SOIC	
	Package	14-SOIC (0.295", 7.50mm Width)	同深登光
For Reference Only		For the pricing/inventory/lead time, please contact	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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## ADC08831IWMX/NOPB Specifications

Manufacturer Part NumberADC08831IWMX/NOPBManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295'', 7.50mm Width)Stries-Number of Bits8Sampling Rate (Per Second)250kJumter of Liputs1Input TypeDifferential, Pseudo-Differential, Single EndedData Input TypeDifferential, Pseudo-Differential, Single EndedConfiguration4.1Number of ADC converters1ArchitectureSARReference Type4.5 V ~ 6 VVoltage - Supply, Jugital4.5 V ~ 6 VVoltage - Supply, Digital4.5 O'CPackage / Case4.5 O'CSuppler Device Package4.5 O'CSuppler Device Package4.5 O'CMounting Type-Suppler Device Package4.5 O'CSuppler		
CategoryIntegrated Circuits (ICS)Data Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPI, DSPConfiguration1/1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 S°CPertures4.4SOIC (0.295", 7.50mm Width)Supplier Device Package14-SOICMutting Type14-SOIC (0.295", 7.50mm Width)	Manufacturer Part Number	ADC08831IWMX/NOPB
Data Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCNumber of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital-Features-Operating Temperature-40°C ~ 85°CPackage / Case14.SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Manufacturer	Texas Instruments
Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCNumber of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 S°CFeatures-Operating Temperature4-SOIC (0.295", 7.50mm Width)Supplier Device Package14-SOICMounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits8Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital4.5 V ~ 6 VVoltage - Supply, Digital4.0 °C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits8Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Seudo-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VPeatures-Operating Temperature4.0°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Package	14-SOIC (0.295", 7.50mm Width)
Sampling Rate (Per Second)250kNumber of Inputs1Input TypeDifferential, Second-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Poeting Temperature-Operating Temperatures4.6 VCSuppler Device Package14.SOIC (0.295", 7.50mm Width)Munting Type-	Series	-
Number of Inputs1Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Number of Bits	8
Input TypeDifferential, Pseudo-Differential, Single EndedInput TypeSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital-Operating Temperature-Ackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	250k
Data InterfaceSPI, DSPConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Number of Inputs	1
ConfigurationMUX-S/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Operating Temperature4.0°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Mounting Type-	Input Type	Differential, Pseudo-Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Data Interface	SPI, DSP
Number of A/D Converters1Number of A/D ConvertersSARArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Configuration	MUX-S/H-ADC
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Reference TypeExternalVoltage - Supply, Analog4.5 V ~ 6 VVoltage - Supply, Digital4.5 V ~ 6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Number of A/D Converters	1
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Features-Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package14-SOICMounting Type-	Voltage - Supply, Analog	4.5 V ~ 6 V
Operating Temperature-40°C ~ 85°CPackage / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package14-SOICMounting Type-	Voltage - Supply, Digital	4.5 V ~ 6 V
Package / Case14-SOIC (0.295", 7.50mm Width)Supplier Device Package14-SOICMounting Type-	Features	-
Supplier Device Package14-SOICMounting Type-	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	14-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	14-SOIC
Report errors?	Mounting Type	-
		Report errors?

### ADC08831IWMX/NOPB 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.

#### ADC08831IWMX/NOPB Payment Methods



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