

# ADC0832CCWMX/NOPB

## ADC0832CCWMX/NOPB Information

PHILIPPIN OF		ADC0832CCWMX/NOPB Texas Instruments Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	ADC 8BIT SERIAL I/O 14-SOIC	
	Package	14-SOIC (0.295", 7.50mm Width)	
For Reference Only		For the pricing/inventory/lead time, please contact	
		Website: https://www.heisener.com	Request a Quote
		E-mail: salesdept@heisener.com	

# **Certified Quality**

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# ADC0832CCWMX/NOPB Specifications

Manufacturer Part NumberADC0832CCWMX/NOPBManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)11.25kNumber of Inputs2Data InterfaceSPIConfiguration - SATI-SANEMUX-ADCNumber of A/D Converters1Number of A/D Converters1ArchitectureSARReference TypeScrenalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Operating Temperature0Operature Temperature0 <th></th> <th></th>		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H: ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°C	Manufacturer Part Number	ADC0832CCWMX/NOPB
Add Acquisition - Analog to Digital Converters (ADC)Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H: ADC-Number of A/D Converters1Reference TypeSARVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°C	Manufacturer	Texas Instruments
Package14-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H:ADC-Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°C	Category	Integrated Circuits (ICs)
Series-Number of Bits8Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H: ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Poerating Temperature0°C ~ 70°C		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits8Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H:ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Peatures-Operating Temperature0°C ~ 0°C	Package	14-SOIC (0.295", 7.50mm Width)
Sampling Rate (Per Second)31.25kNumber of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H: ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Pertures-Operating Temperature0°C ~ 70°C	Series	-
Number of Inputs2Input TypeDifferential, Pseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-ADCRatio - S/H:ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital4.5 V ~ 6.3 VFeatures-Operating Temperature0°C ~ 70°C	Number of Bits	8
Input Type     Differential, Pseudo-Differential, Single Ended       Data Interface     SPI       Configuration     MUX-ADC       Ratio - S/H:ADC     -       Number of A/D Converters     1       Architecture     SAR       Reference Type     External       Voltage - Supply, Analog     4.5 V ~ 6.3 V       Yoltage - Supply, Digital     -       Peatures     -       Operating Temperature     0°C ~ 70°C	Sampling Rate (Per Second)	31.25k
Data InterfaceSPIConfigurationMUX-ADCRatio - S/H:ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°C	Number of Inputs	2
ConfigurationMUX-ADCRatio - S/H:ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°C	Input Type	Differential, Pseudo-Differential, Single Ended
Ratio - S/H:ADC-Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital4.5 V ~ 6.3 VFeatures-Operating Temperature0°C ~ 70°C	Data Interface	SPI
Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital4.5 V ~ 6.3 VFeatures-Operating Temperature0°C ~ 70°C	Configuration	MUX-ADC
ArchitectureSARReference TypeExternalVoltage - Supply, Analog $4.5  V \sim 6.3  V$ Voltage - Supply, Digital $4.5  V \sim 6.3  V$ Features-Operating Temperature $0^{\circ} C \sim 70^{\circ} C$	Ratio - S/H:ADC	-
Reference TypeExternalVoltage - Supply, Analog $4.5$ V ~ $6.3$ VVoltage - Supply, Digital $4.5$ V ~ $6.3$ VFeatures-Operating Temperature0°C ~ 70°C	Number of A/D Converters	1
Voltage - Supply, Analog4.5 V ~ 6.3 VVoltage - Supply, Digital4.5 V ~ 6.3 VFeatures-Operating Temperature0°C ~ 70°C	Architecture	SAR
Voltage - Supply, Digital4.5 V ~ 6.3 VFeatures-Operating Temperature0°C ~ 70°C	Reference Type	External
Features -   Operating Temperature 0°C ~ 70°C	Voltage - Supply, Analog	4.5 V ~ 6.3 V
Operating Temperature $0^{\circ}C \sim 70^{\circ}C$	Voltage - Supply, Digital	4.5 V ~ 6.3 V
	Features	-
	Operating Temperature	$0^{\circ}$ C ~ $70^{\circ}$ C
Package / Case 14-SOIC (0.295", 7.50mm Width)	Package / Case	14-SOIC (0.295", 7.50mm Width)
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Mounting Type -	Mounting Type	-
Report errors?		Report errors?

### ADC0832CCWMX/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.

#### ADC0832CCWMX/NOPB Payment Methods



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