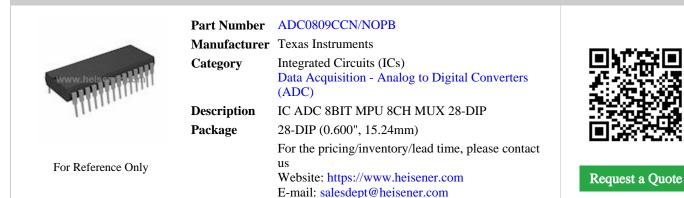


## ADC0809CCN/NOPB

#### ADC0809CCN/NOPB Information



#### **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.



### **ADC0809CCN/NOPB Specifications**

Manufacturer Texas Instruments   Manufacturer Texas Instruments   Category Integrated Circuits (ICs)   Data Acquisition - Analog to Digital Converters (ADC)   Package 28-DIP (0.600", 15.24mm)   Series -   Number of Bits 8   Sampling Rate (Per Second) 10k   Number of Inputs 8   Input Type Single Ended   Data Interface Parallel   Configuration MUX-S/H-ADC   Number of A/D Converters 1   Architecture SAR   Reference Type External   Voltage - Supply, Analog 4.5 V ~ 6.5 V   Voltage - Supply, Digital 4.5 V ~ 6.5 V   Features -   Operating Temperature -   Ackage / Case 28-DIP (0.600", 15.24mm)   Supplier Device Package 28-DIP (0.600", 15.24mm)		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package28-DIP (0.600", 15.24mm)Series-Number of Bits8Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCNumber of A/D Converters1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital-Peatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP (0.600", 15.24mm)Mounting Type-	Manufacturer Part Number	ADC0809CCN/NOPB
Data Acquisition - Analog to Digital Converters (ADC)Package28-DIP (0.600", 15.24mm)Series-Number of Bits8Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-	Manufacturer	Texas Instruments
Package28-DIP (0.600", 15.24mm)Series-Number of Bits8Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package3.Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits8Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital4.5 V ~ 6.5 VVoltage - Supply, Digital-Peatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits8Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VPeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package8-DIPMounting Type-	Package	28-DIP (0.600", 15.24mm)
Sampling Rate (Per Second)10kNumber of Inputs8Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltag - Supply, Analog4.5 V ~ 6.5 VVoltag - Supply, Digital-Package / Case28-DIP (0.600", 15.24mm)Supplier Device Package3e-DIPMounting Type-	Series	-
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Input TypeSingle EndedData InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital-Peatures-Operating Temperature4.9 C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	10k
Data InterfaceParallelConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature440°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-	Number of Inputs	8
ConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Munting Type-	Input Type	Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-	Data Interface	Parallel
Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Mounting Type-	Configuration	MUX-S/H-ADC
ArchitectureSARReference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package-Anothing Type-	Ratio - S/H:ADC	1:1
Reference TypeExternalVoltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog4.5 V ~ 6.5 VVoltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Architecture	SAR
Voltage - Supply, Digital4.5 V ~ 6.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Reference Type	External
Features-Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Voltage - Supply, Analog	4.5 V ~ 6.5 V
Operating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Voltage - Supply, Digital	4.5 V ~ 6.5 V
Package / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIPMounting Type-	Features	-
Supplier Device Package28-DIPMounting Type-	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	28-DIP (0.600", 15.24mm)
	Supplier Device Package	28-DIP
Report errors?	Mounting Type	-
		Report errors?

#### **ADC0809CCN/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 BUARANTEE

#### **Service Guarantees**

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

#### ADC0809CCN/NOPB Payment Methods



If you have any question about ADC0809CCN/NOPB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com