

## ADP5587ACPZ-R7

#### **ADP5587ACPZ-R7** Information

CERERE SSIN	 ADP5587ACPZ-R7 Analog Devices Inc. Integrated Circuits (ICs) Interface - I/O Expanders IC EXPANDER/KEYBOARD CTRLR 24-WFQFN Exposed Pad, CSP 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

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### **ADP5587ACPZ-R7 Specifications**

Manufacturer Part NumberADP5587ACPZ-R7ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)Interface - I/O ExpandersInterface - I/O ExpandersPackage24-WFQFN Exposed Pad, CSPSeries-Number of I/OI8InterfaceI2CInterrupt OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainClock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOpenating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case24.WFQFN Exposed Pad, CSPSupplier Device Package24.UFCSP-WQ (4x4)		
CategoryIntegrated Circuits (ICs)Interface - I/O ExpandersPackage24-WFQFN Exposed Pad, CSPSeries-Number of I/O18Interface12CIntergatod Controller, POR20PactaresKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Voltage - Supply1.65 V ~ 3.6 VOperating Temperature40%HzMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Manufacturer Part Number	ADP5587ACPZ-R7
Interface - I/O ExpandersPackage24-WFQFN Exposed Pad, CSPSeries-Number of I/O18Interface12CInternato OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainClock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOutput TypeSurface MountPerating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Manufacturer	Analog Devices Inc.
Package24-WFQFN Exposed Pad, CSPSeries-Number of I/O18InterfaceI2CInterrupt OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOpenating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Category	Integrated Circuits (ICs)
Series-Number of I/O18Number of I/O12CInterface12CInterrupt OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature440°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)		Interface - I/O Expanders
Number of I/O18Number of I/OI2CInterfaceYesFeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package24-WFQFNExposed Package	Package	24-WFQFN Exposed Pad, CSP
InterfaceI2CInterrupt OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Type40°C ~ 85°CNounting TypeSurface MountPackage / Case24-WFQFNExposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Series	-
Interrupt OutputYesFeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Number of I/O	18
FeaturesKeypad Controller, POROutput TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Interface	I2C
Output TypeOpen DrainCurrent - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Interrupt Output	Yes
Current - Output Source/Sink-Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Features	Keypad Controller, POR
Clock Frequency400kHzVoltage - Supply1.65 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Output Type	Open Drain
Voltage - Supply1.65 V ~ 3.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Current - Output Source/Sink	-
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Clock Frequency	400kHz
Mounting TypeSurface MountPackage / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Voltage - Supply	1.65 V ~ 3.6 V
Package / Case24-WFQFN Exposed Pad, CSPSupplier Device Package24-LFCSP-WQ (4x4)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package24-LFCSP-WQ (4x4)	Mounting Type	Surface Mount
	Package / Case	24-WFQFN Exposed Pad, CSP
Report errors?	Supplier Device Package	24-LFCSP-WQ (4x4)
		Report errors?

#### **ADP5587ACPZ-R7** 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.

#### ADP5587ACPZ-R7 Payment Methods





If you have any question about ADP5587ACPZ-R7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com