



# **ISD17210SYR Information**



For Reference Only

Part Number ISD17210SYR

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

**Description** IC VOICE REC/PLAY 210SEC 28-SOIC

**Package** 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **ISD17210SYR Specifications**

Manufacturer Part Number       ISD17210SYR         Manufacturer       Nuvoton Technology Corporation of America         Category       Integrated Circuits (ICs)         Interface - Voice Record and Playback         Package       28-SOIC (0.295", 7.50mm Width)         Series       ChipCorder?         Interface       Pushbutton, SPI         Input Signal       Analog - Single Ended, Microphone         Output Signal       Analog - Single Ended, PWM Speaker Output         Sampling Frequency       4 ~ 12kHz         Duration       140 ~ 420 See         Filter Pass Band       -         Messaging       Multiple         Oscillator Type       Internal         Features       Automatic Gain Control, Volume Control         Operating Temperature       0°C ~ 70°C (TA)         Voltage - Supply       2.4 V ~ 5.5 V         Mounting Type       Surface Mount         Package / Case       28-SOIC (0.295", 7.50mm Width)         Supplier Device Package       28-SOIC		
CategoryIntegrated Circuits (ICs)Interface - Voice Record and PlaybackPackage28-SOIC (0.295", 7.50mm Width)SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency4 ~ 12kHzDuration140 ~ 420 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer Part Number	ISD17210SYR
PackageZ8-SOIC (0.295", 7.50mm Width)SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency4 ~ 12kHzDuration140 ~ 420 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer	Nuvoton Technology Corporation of America
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Interface Pushbutton, SPI Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 140 ~ 420 Sec Filter Pass Band - Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature 0°C ~ 70°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Package	28-SOIC (0.295", 7.50mm Width)
Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz  Duration 140 ~ 420 Sec  Filter Pass Band -  Messaging Multiple Oscillator Type Internal  Features Automatic Gain Control, Volume Control  Operating Temperature 0°C ~ 70°C (TA)  Voltage - Supply 2.4 V ~ 5.5 V  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Series	ChipCorder?
Output Signal Analog - Single Ended, PWM Speaker Output  4 ~ 12kHz  Duration 140 ~ 420 Sec  Filter Pass Band - Messaging Multiple Oscillator Type Internal  Features Automatic Gain Control, Volume Control  Operating Temperature 0°C ~ 70°C (TA)  Voltage - Supply 2.4 V ~ 5.5 V  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Interface	Pushbutton, SPI
Sampling Frequency4 ~ 12kHzDuration140 ~ 420 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Input Signal	Analog - Single Ended, Microphone
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Filter Pass Band  Messaging  Multiple  Oscillator Type  Internal  Features  Automatic Gain Control, Volume Control  Operating Temperature  0°C ~ 70°C (TA)  Voltage - Supply  2.4 V ~ 5.5 V  Mounting Type  Surface Mount  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Sampling Frequency	4 ~ 12kHz
MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Duration	140 ~ 420 Sec
Oscillator Type Internal  Features Automatic Gain Control, Volume Control  Operating Temperature 0°C ~ 70°C (TA)  Voltage - Supply 2.4 V ~ 5.5 V  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Filter Pass Band	-
Features Automatic Gain Control, Volume Control  Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)  Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting Type Surface Mount  Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)  Supplier Device Package $28\text{-SOIC}$	Messaging	Multiple
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountPackage / Case $28\text{-SOIC}$ ( $0.295\text{"}$ , $7.50\text{mm}$ Width)Supplier Device Package $28\text{-SOIC}$	Oscillator Type	Internal
Voltage - Supply  2.4 V ~ 5.5 V  Mounting Type  Surface Mount  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package  28-SOIC	Features	Automatic Gain Control, Volume Control
Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Voltage - Supply	2.4 V ~ 5.5 V
Supplier Device Package 28-SOIC	Mounting Type	Surface Mount
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SOIC
		Report errors?

### **ISD17210SYR 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.

# **ISD17210SYR Payment Methods**



















### **ISD17210SYR Shipping Methods**













If you have any question about ISD17210SYR, please do not hesitate to contact us!

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