



ISD4002-120SY Information



For Reference Only

Part Number ISD4002-120SY

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

Description IC VOICE REC/PLAY 120SEC 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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Certified Quality

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ISD4002-120SY Specifications

Manufacturer Part Number ISD4002-120SY Manufacturer Nuvoton Technology Corporation of America Category Integrated Circuits (ICs) Package 28-SOIC (0.295", 7.50mm Width) Series ChipCorder? Interface SPI Input Signal Analog - Differential Output Signal Analog - Single Ended Sampling Frequency 8kHz Duration 2 Min Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature 0°C ~ 70°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 2.8-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC (0.295", 7.50mm Width)	-	
CategoryIntegrated Circuits (ICs)Interface - Voice Record and PlaybackPackage28-SOIC (0.295", 7.50mm Width)SeriesChipCorder?InterfaceSPIInput SignalAnalog - DifferentialOutput SignalAnalog - Single EndedSampling Frequency8kHzDuration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer Part Number	ISD4002-120SY
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SeriesChipCorder?InterfaceSPIInput SignalAnalog - DifferentialOutput SignalAnalog - Single EndedSampling Frequency8kHzDuration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC		Interface - Voice Record and Playback
InterfaceSPIInput SignalAnalog - DifferentialOutput SignalAnalog - Single EndedSampling Frequency8kHzDuration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Package	28-SOIC (0.295", 7.50mm Width)
Input Signal Analog - Differential Output Signal Analog - Single Ended Sampling Frequency 8kHz Duration 2 Min Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature 0°C ~ 70°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Series	ChipCorder?
Output SignalAnalog - Single EndedSampling Frequency8kHzDuration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Interface	SPI
Sampling Frequency8kHzDuration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Input Signal	Analog - Differential
Duration2 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Output Signal	Analog - Single Ended
Filter Pass Band Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature O°C ~ 70°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Sampling Frequency	8kHz
MessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Duration	2 Min
Oscillator Type Internal/External Features Auto Mute Operating Temperature 0°C ~ 70°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Filter Pass Band	3.4kHz
Features Auto Mute Operating Temperature O°C ~ 70°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Messaging	Multiple
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface MountPackage / Case 28-SOIC (0.295", 7.50mm Width)Supplier Device Package 28-SOIC	Oscillator Type	Internal/External
Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Features	Auto Mute
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	2.7 V ~ 3.3 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?

ISD4002-120SY 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.

ISD4002-120SY Payment Methods





















ISD4002-120SY Shipping Methods













If you have any question about ISD4002-120SY, please do not hesitate to contact us!

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