



ISD4003-04MSYI Information



For Reference Only

Part Number ISD4003-04MSYI

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

Description IC VOICE REC/PLAY 4MIN 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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ISD4003-04MSYI Specifications

Manufacturer Part NumberISD4003-04MSYIManufacturerNuvoton Technology Corporation of AmericaCategoryIntegrated Circuits (ICs)Package28-SOIC (0.295", 7.50mm Width)SeriesChipCorder?InterfaceSPIInput SignalAnalog - DifferentialOutput SignalAnalog - Single EndedSampling Frequency8kHzDuration4 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)		
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SeriesChipCorder?InterfaceSPIInput SignalAnalog - DifferentialOutput SignalAnalog - Single EndedSampling Frequency $8kHz$ Duration 4 MinFilter Pass Band $3.4kHz$ MessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface Mount		Interface - Voice Record and Playback
Interface SPI Input Signal Analog - Differential Output Signal Analog - Single Ended Sampling Frequency 8kHz Duration 4 Min Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply Surface Mount	Package	28-SOIC (0.295", 7.50mm Width)
Input Signal Analog - Differential Output Signal Analog - Single Ended Sampling Frequency 8kHz Duration 4 Min Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount	Series	ChipCorder?
Output Signal Analog - Single Ended Sampling Frequency 8kHz Duration 4 Min Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount	Interface	SPI
Sampling Frequency8kHzDuration4 MinFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.7 V ~ 3.3 VMounting TypeSurface Mount	Input Signal	Analog - Differential
Duration4 MinFilter Pass Band 3.4kHz MessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface Mount	Output Signal	Analog - Single Ended
Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Auto Mute Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting Type Surface Mount	Sampling Frequency	8kHz
MessagingMultipleOscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface Mount	Duration	4 Min
Oscillator TypeInternal/ExternalFeaturesAuto MuteOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface Mount	Filter Pass Band	3.4kHz
Features Auto Mute Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting Type Surface Mount	Messaging	Multiple
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Voltage - Supply $2.7 \text{ V} \sim 3.3 \text{ V}$ Mounting TypeSurface Mount	Oscillator Type	Internal/External
Voltage - Supply 2.7 V ~ 3.3 V Mounting Type Surface Mount	Features	Auto Mute
Mounting Type Surface Mount	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Voltage - Supply	2.7 V ~ 3.3 V
Package / Case 28-SOIC (0.295", 7.50mm Width)	Mounting Type	Surface Mount
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package 28-SOIC	Supplier Device Package	28-SOIC
Report errors?		Report errors?

ISD4003-04MSYI 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.

ISD4003-04MSYI Payment Methods



















ISD4003-04MSYI Shipping Methods













If you have any question about ISD4003-04MSYI, please do not hesitate to contact us!

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