



ISD1612BPIY Information



For Reference Only

Part Number ISD1612BPIY

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

Description IC VOICE REC/PLAY 12SEC 16-DIP

Package 16-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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ISD1612BPIY Specifications

Manufacturer Part Number ISD1612BPIY Manufacturer Nuvoton Technology Corporation of America Category Integrated Circuits (ICs) Interface - Voice Record and Playback Package 16-DIP (0.300", 7.62mm) Series ChipCorder? Interface Pushbutton Input Signal Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 8 ~ 24 Sec Filter Pass Band - Messaging Single Oscillator Type Internal Features Automatic Gain Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP		
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Input Signal Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 8 ~ 24 Sec Filter Pass Band - Messaging Single Oscillator Type Internal Features Automatic Gain Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Series	ChipCorder?
Output Signal Analog - Single Ended, PWM Speaker Output 4 ~ 12kHz Duration 8 ~ 24 Sec Filter Pass Band - Messaging Single Oscillator Type Internal Features Automatic Gain Control Operating Temperature Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package	Interface	Pushbutton
Sampling Frequency $4 \sim 12 \text{kHz}$ Duration $8 \sim 24 \text{ Sec}$ Filter Pass Band-MessagingSingleOscillator TypeInternalFeaturesAutomatic Gain ControlOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeThrough HolePackage / Case 16-DIP (0.300", 7.62mm)Supplier Device Package 16-DIP	Input Signal	Microphone
Duration 8 ~ 24 Sec Filter Pass Band - Messaging Single Oscillator Type Internal Features Automatic Gain Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Output Signal	Analog - Single Ended, PWM Speaker Output
Filter Pass Band Messaging Single Oscillator Type Internal Features Automatic Gain Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package	Sampling Frequency	4 ~ 12kHz
MessagingSingleOscillator TypeInternalFeaturesAutomatic Gain ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeThrough HolePackage / Case16-DIP (0.300", 7.62mm)Supplier Device Package16-DIP	Duration	8 ~ 24 Sec
Oscillator Type Internal Features Automatic Gain Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Filter Pass Band	-
Features Automatic Gain Control Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting Type Through Hole Package / Case 16-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 16-DIP	Messaging	Single
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting Type Through Hole Package / Case 16-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 16-DIP	Oscillator Type	Internal
Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Features	Automatic Gain Control
Mounting Type Through Hole Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 16-DIP (0.300", 7.62mm) Supplier Device Package 16-DIP	Voltage - Supply	2.4 V ~ 5.5 V
Supplier Device Package 16-DIP	Mounting Type	Through Hole
	Package / Case	16-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	16-DIP
		Report errors?

ISD1612BPIY 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.

ISD1612BPIY Payment Methods



















ISD1612BPIY Shipping Methods













If you have any question about ISD1612BPIY, please do not hesitate to contact us!

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