



ISD17180PY01 Information

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For Reference Only

Part Number ISD17180PY01

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

Description IC VOICE REC/PLAY 180SEC 28-DIP

Package 28-DIP (0.600", 15.24mm)

For the pricing/inventory/lead time, please contact

us

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



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ISD17180PY01 Specifications

Manufacturer ISD17180PY01 Manufacturer Nuvoton Technology Corporation of America Category Integrated Circuits (ICs) Interface - Voice Record and Playback Package 28-DIP (0.600", 15.24mm) Series ChipCorder? Interface Pushbutton, SPI Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 120 ~ 360 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 Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP		
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Output Signal Analog - Single Ended, PWM Speaker Output 4 ~ 12kHz Duration 120 ~ 360 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 Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package	Interface	Pushbutton, SPI
Sampling Frequency $4 \sim 12 \text{kHz}$ Duration $120 \sim 360 \text{ Sec}$ Filter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeThrough HolePackage / Case 28-DIP (0.600", 15.24mm)Supplier Device Package 28-DIP	Input Signal	Analog - Single Ended, Microphone
Duration 120 ~ 360 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 Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Output Signal	Analog - Single Ended, PWM Speaker Output
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MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Duration	120 ~ 360 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 Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	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 Through Hole Package / Case 28-DIP $(0.600^{\circ}, 15.24\text{mm})$ Supplier Device Package 28-DIP	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 Type Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Oscillator Type	Internal
Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Features	Automatic Gain Control, Volume Control
Mounting Type Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Voltage - Supply	2.4 V ~ 5.5 V
Supplier Device Package 28-DIP	Mounting Type	Through Hole
	Package / Case	28-DIP (0.600", 15.24mm)
Report errors?	Supplier Device Package	28-DIP
		Report errors?

ISD17180PY01 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.

ISD17180PY01 Payment Methods



















ISD17180PY01 Shipping Methods













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