

### **ISD2532P Information**



For Reference Only

Part Number ISD2532P

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

**Description** IC VOICE REC/PLAY 32SEC 28DIP

**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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## **Certified Quality**

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# **ISD2532P Specifications**

Manufacturer Part Number       ISD2532P         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         Input Signal       Analog - Single Ended, Microphone         Output Signal       PWM Speaker Output         Sampling Frequency       8kHz         Duration       32 Sec         Filter Pass Band       3.4kHz         Messaging       Multiple         Oscillator Type       Internal/External         Features       Automatic Gain Control         Operating Temperature       0°C ~ 70°C (TA)         Voltage - Supply       4.5 V ~ 6.5 V         Mounting Type       Through Hole         Package / Case       28-DIP (0.600", 15.24mm)         Supplier Device Package       28-DIP (0.600", 15.24mm)		
CategoryIntegrated Circuits (ICs)Interface - Voice Record and PlaybackPackage28-DIP (0.600", 15.24mm)SeriesChipCorder?InterfacePushbuttonInput SignalAnalog - Single Ended, MicrophoneOutput SignalPWM Speaker OutputSampling Frequency8kHzDuration32 SeeFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Manufacturer Part Number	ISD2532P
Package28-DIP (0.600", 15.24mm)SeriesChipCorder?InterfacePushbuttonInput SignalAnalog - Single Ended, MicrophoneOutput SignalPWM Speaker OutputSampling Frequency8kHzDuration32 SecFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Manufacturer	Nuvoton Technology Corporation of America
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SeriesChipCorder?InterfacePushbuttonInput SignalAnalog - Single Ended, MicrophoneOutput SignalPWM Speaker OutputSampling Frequency8kHzDuration32 SecFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP		Interface - Voice Record and Playback
Interface Pushbutton Input Signal Analog - Single Ended, Microphone Output Signal PWM Speaker Output Sampling Frequency 8kHz Duration 32 Sec Filter Pass Band 3.4kHz Messaging Multiple Oscillator Type Internal/External Features Automatic Gain Control Operating Temperature 0°C ~ 70°C (TA) Voltage - Supply 4.5 V ~ 6.5 V Mounting Type Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package	Package	28-DIP (0.600", 15.24mm)
Input Signal Analog - Single Ended, Microphone  Output Signal PWM Speaker Output  Sampling Frequency 8kHz  Duration 32 Sec  Filter Pass Band 3.4kHz  Messaging Multiple  Oscillator Type Internal/External  Features Automatic Gain Control  Operating Temperature 0°C ~ 70°C (TA)  Voltage - Supply 4.5 V ~ 6.5 V  Mounting Type Through Hole  Package / Case 28-DIP (0.600", 15.24mm)  Supplier Device Package 28-DIP	Series	ChipCorder?
Output Signal PWM Speaker Output Sampling Frequency 8kHz  Duration 32 Sec Filter Pass Band 3.4kHz  Messaging Multiple Oscillator Type Internal/External Features Automatic Gain Control Operating Temperature 0°C ~ 70°C (TA)  Voltage - Supply 4.5 V ~ 6.5 V  Mounting Type Through Hole Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP	Interface	Pushbutton
Sampling Frequency8kHzDuration32 SecFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Input Signal	Analog - Single Ended, Microphone
Duration32 SecFilter Pass Band3.4kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Output Signal	PWM Speaker Output
Filter Pass Band  Messaging  Multiple  Oscillator Type  Internal/External  Features  Automatic Gain Control  Operating Temperature  0°C ~ 70°C (TA)  Voltage - Supply  4.5 V ~ 6.5 V  Mounting Type  Through Hole  Package / Case  28-DIP (0.600", 15.24mm)  Supplier Device Package	Sampling Frequency	8kHz
MessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeThrough HolePackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-DIP	Duration	32 Sec
Oscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Voltage - Supply $4.5 \text{ V} \sim 6.5 \text{ V}$ Mounting TypeThrough HolePackage / Case $28\text{-DIP}$ ( $0.600^{\circ}$ , $15.24\text{mm}$ )Supplier Device Package $28\text{-DIP}$	Filter Pass Band	3.4kHz
Features Automatic Gain Control  Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)  Voltage - Supply $4.5 \text{ V} \sim 6.5 \text{ V}$ Mounting Type Through Hole  Package / Case $28\text{-DIP}$ $(0.600^{\circ}, 15.24\text{mm})$ Supplier Device Package $28\text{-DIP}$	Messaging	Multiple
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ Voltage - Supply $4.5 \text{ V} \sim 6.5 \text{ V}$ Mounting Type Through Hole  Package / Case $28\text{-DIP} (0.600^{\circ}, 15.24\text{mm})$ Supplier Device Package $28\text{-DIP}$	Oscillator Type	Internal/External
Voltage - Supply $4.5 \text{ V} \sim 6.5 \text{ V}$ Mounting Type $ \text{Through Hole} $ Package / Case $28\text{-DIP} (0.600", 15.24\text{mm}) $ Supplier Device Package $28\text{-DIP} $	Features	Automatic Gain 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	4.5 V ~ 6.5 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?

### **ISD2532P 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.

# **ISD2532P Payment Methods**





















### **ISD2532P Shipping Methods**













If you have any question about ISD2532P, please do not hesitate to contact us!

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