



### **ISD2575ER Information**

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For Reference Only

Part Number ISD2575ER

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

**Description** IC VOICE REC/PLAY 75-SEC 28-TSOP

Package 28-TSSOP (0.465", 11.80mm Width)
For the pricing/inventory/lead time, please contact

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



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### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **ISD2575ER Specifications**

Manufacturer Part Number       ISD2575ER         Manufacturer       Nuvoton Technology Corporation of America         Category       Integrated Circuits (ICs)         Interface - Voice Record and Playback         Package       28-TSSOP (0.465", 11.80mm Width)         Series       ChipCorder?         Interface       Pushbutton         Input Signal       Analog - Single Ended, Microphone         Output Signal       PWM Speaker Output         Sampling Frequency       6.4kHz         Duration       75 Sec         Filter Pass Band       2.7kHz         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       Surface Mount         Package / Case       28-TSSOP (0.465", 11.80mm Width)         Supplier Device Package       28-TSOP		
CategoryIntegrated Circuits (ICs)Interface - Voice Record and PlaybackPackage28-TSSOP (0.465", 11.80mm Width)SeriesChipCorder?InterfacePushbuttonInput SignalAnalog - Single Ended, MicrophoneOutput SignalPWM Speaker OutputSampling Frequency6.4kHzDuration75 SeeFilter Pass Band2.7kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Manufacturer Part Number	ISD2575ER
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SeriesChipCorder?InterfacePushbuttonInput SignalAnalog - Single Ended, MicrophoneOutput SignalPWM Speaker OutputSampling Frequency6.4kHzDuration75 SecFilter Pass Band2.7kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP		Interface - Voice Record and Playback
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Input Signal Analog - Single Ended, Microphone Output Signal PWM Speaker Output Sampling Frequency 6.4kHz Duration 75 Sec Filter Pass Band 2.7kHz 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 Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package	Series	ChipCorder?
Output Signal PWM Speaker Output  Sampling Frequency 6.4kHz  Duration 75 Sec  Filter Pass Band 2.7kHz  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 Surface Mount  Package / Case 28-TSSOP (0.465", 11.80mm Width)  Supplier Device Package 28-TSOP	Interface	Pushbutton
Sampling Frequency6.4kHzDuration75 SecFilter Pass Band2.7kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Input Signal	Analog - Single Ended, Microphone
Duration75 SecFilter Pass Band2.7kHzMessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	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  Surface Mount  Package / Case  28-TSSOP (0.465", 11.80mm Width)  Supplier Device Package	Sampling Frequency	6.4kHz
MessagingMultipleOscillator TypeInternal/ExternalFeaturesAutomatic Gain ControlOperating Temperature0°C ~ 70°C (TA)Voltage - Supply4.5 V ~ 6.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Duration	75 Sec
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 Surface Mount  Package / Case 28-TSSOP (0.465", 11.80mm Width)  Supplier Device Package 28-TSOP	Filter Pass Band	2.7kHz
Features  Automatic Gain Control  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  Surface Mount  Package / Case $28\text{-TSSOP} (0.465^{\circ}\text{, } 11.80 \text{mm Width)}$ Supplier Device Package $28\text{-TSOP}$	Messaging	Multiple
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 Surface Mount  Package / Case $28\text{-TSSOP}$ (0.465", 11.80mm Width)  Supplier Device Package $28\text{-TSOP}$	Oscillator Type	Internal/External
Voltage - Supply  4.5 V ~ 6.5 V  Mounting Type  Surface Mount  Package / Case  28-TSSOP (0.465", 11.80mm Width)  Supplier Device Package  28-TSOP	Features	Automatic Gain Control
Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Voltage - Supply	4.5 V ~ 6.5 V
Supplier Device Package 28-TSOP	Mounting Type	Surface Mount
	Package / Case	28-TSSOP (0.465", 11.80mm Width)
Report errors?	Supplier Device Package	28-TSOP
		Report errors?

### **ISD2575ER 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.

## **ISD2575ER Payment Methods**





















### **ISD2575ER Shipping Methods**













If you have any question about ISD2575ER, please do not hesitate to contact us!

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