



ISD1740EYIR Information

www.helsener.com

For Reference Only

Part Number ISD1740EYIR

Manufacturer Nuvoton Technology Corporation of America

Category Integrated Circuits (ICs)

Interface - Voice Record and Playback

Description IC VOICE REC/PLAY 40SEC 28-TSOP **Package** 28-TSSOP (0.465", 11.80mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









ISD1740EYIR Specifications

Manufacturer Part NumberISD1740EYIRManufacturerNuvoton Technology Corporation of AmericaCategoryIntegrated Circuits (ICs)Package28-TSSOP (0.465", 11.80mm Width)SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency4 ~ 12kHzDuration26 ~ 80 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	•	
CategoryIntegrated Circuits (ICs)Interface - Voice Record and PlaybackPackage28-TSSOP (0.465", 11.80mm Width)SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency4 ~ 12kHzDuration26 ~ 80 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Manufacturer Part Number	ISD1740EYIR
Interface - Voice Record and Playback Package 28-TSSOP (0.465", 11.80mm Width) Series ChipCorder? Interface Pushbutton, SPI Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 26 ~ 80 Sec Filter Pass Band - Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Manufacturer	Nuvoton Technology Corporation of America
Package28-TSSOP (0.465", 11.80mm Width)SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency4 ~ 12kHzDuration26 ~ 80 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Category	Integrated Circuits (ICs)
SeriesChipCorder?InterfacePushbutton, SPIInput SignalAnalog - Single Ended, MicrophoneOutput SignalAnalog - Single Ended, PWM Speaker OutputSampling Frequency $4 \sim 12 \text{kHz}$ Duration $26 \sim 80 \text{ Sec}$ Filter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (\text{TA})$ Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountPackage / Case $28\text{-TSSOP} (0.465", 11.80 \text{mm Width})$ Supplier Device Package 28-TSOP		Interface - Voice Record and Playback
Interface Pushbutton, SPI Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 26 ~ 80 Sec Filter Pass Band - Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Package	28-TSSOP (0.465", 11.80mm Width)
Input Signal Analog - Single Ended, Microphone Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 26 ~ 80 Sec Filter Pass Band - Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package	Series	ChipCorder?
Output Signal Analog - Single Ended, PWM Speaker Output Sampling Frequency 4 ~ 12kHz Duration 26 ~ 80 Sec Filter Pass Band - Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Interface	Pushbutton, SPI
Sampling Frequency $4 \sim 12 \text{kHz}$ Duration $26 \sim 80 \text{ Sec}$ Filter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Voltage - Supply $2.4 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountPackage / Case $28\text{-TSSOP} (0.465", 11.80 \text{mm Width})$ Supplier Device Package 28-TSOP	Input Signal	Analog - Single Ended, Microphone
Duration26 ~ 80 SecFilter Pass Band-MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Output Signal	Analog - Single Ended, PWM Speaker Output
Filter Pass Band Messaging Multiple Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package	Sampling Frequency	4 ~ 12kHz
MessagingMultipleOscillator TypeInternalFeaturesAutomatic Gain Control, Volume ControlOperating Temperature-40°C ~ 85°C (TA)Voltage - Supply2.4 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-TSSOP (0.465", 11.80mm Width)Supplier Device Package28-TSOP	Duration	26 ~ 80 Sec
Oscillator Type Internal Features Automatic Gain Control, Volume Control Operating Temperature -40°C ~ 85°C (TA) Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Filter Pass Band	-
Features Automatic Gain Control, Volume 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 Surface Mount Package / Case 28-TSSOP (0.465° , 11.80mm Width) Supplier Device Package 28-TSOP	Messaging	Multiple
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 Surface Mount Package / Case $28\text{-TSSOP } (0.465", 11.80\text{mm Width})$ Supplier Device Package 28-TSOP	Oscillator Type	Internal
Voltage - Supply 2.4 V ~ 5.5 V Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Features	Automatic Gain Control, Volume Control
Mounting Type Surface Mount Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 28-TSSOP (0.465", 11.80mm Width) Supplier Device Package 28-TSOP	Voltage - Supply	2.4 V ~ 5.5 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?

ISD1740EYIR 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.

ISD1740EYIR Payment Methods



















ISD1740EYIR Shipping Methods













If you have any question about ISD1740EYIR, please do not hesitate to contact us!

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