

## Single Chip Voice Record Playback Device Up To 16 Minute

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### Single Chip Voice Record Playback

ISD ChipCorder® Single-Chip Voice Record/Playback Devices. Nuvoton Technology Corporation of America. Nuvoton's ChipCorder® is a complete, single chip solution for voice and audio recording and playback. It is designed to offer the highest quality single-chip voice record/playback solutions for embedded applications.

### ISD ChipCorder® - Nuvoton Technology Corporation of ...

Duration. To meet end-system requirements, the ISD5116 device is a single-chip solution, which provides from 8 to 16 minutes of voice record and playback, depending on the sample rates defined by customer software. Input Sample Rate (kHz) Duration1Typical Filter Knee (kHz)

### SINGLE-CHIP VOICE RECORD/PLAYBACK DEVICE UP TO 16 MINUTE ...

The ISD1760 is a high quality, fully integrated, single-chip multi-message voice record and playback device ideally suited to a variety of electronic systems. The message duration is around 75 seconds.

### ISD1760 Multi-message Single-chip Voice Record Playback IC ...

The maximum recording and playback time available from this chip is no longer than 20 seconds. The technical features of this record/playback module IC ISD1820 can be studied below: 1) Can be operated with DC 2.4V to 5.5V. 2) Includes an internal audio amplifier circuitry capable of handling a 8 ohm ½ watt speaker directly at its output.

### Voice/Audio Recorder Playback Circuits | Homemade Circuit ...

Single-Chip Voice Record/Playback Devices 16- and 20-Second Durations ISD1000A SERIES SUMMARY Part Number Duration (Seconds) Input Sample Rate (KHz) Typical Filter Pass Band (KHz) ISD1016A 16 8 3.4 ISD1020A 20 6.4 2.7 06.DataBook\_1000A Dsht Page 1 Friday, September 27, 1996 10:44 AM. Product Data Sheets

### Single-Chip Voice Record/Playback Devices 16- and 20 ...

Single-chip voice record/playback solution Single 3 volt supply Low-power consumption Operating current: - I CC\_Play = 15 mA (typical) - I CC\_Rec = 25 mA (typical) Standby current: - I CC\_Standby = 1 µA (typical) Duration: 8, 10, 12, and 16 minutes High-quality, natural voice/audio reproduction

### SINGLE-CHIP, MULTIPLE-MESSAGES VOICE RECORD/PLAYBACK ...

Single-Chip Voice Record/Playback Device Features. 10 Second Durations (28-pin DIP) Manual switch or microprocessor controllable; Directly cascadable for longer durations; Single voltage operation: +5V (4.5V to 5.5V operating range) Playback can be edge or level-activated; 1µA standby current (typical) 100k record cycles (typical)

### ISD1110P: Nuvoton Technology : Voice Record and Playback ...

The Winbond® ISD1700 ChipCorder® Series is a high quality, fully integrated, single-chip multmessage voice record and playback device ideally suited to a variety of electronic systems. The message duration is user selectable in ranges from 26 seconds to 120 seconds, depending on the specific device.

### ISD1730 datasheet - Multi-message Single-chip Voice Record ...

Integrated Circuits (ICs) - Interface - Voice Record and Playback are in stock at DigiKey. Order Now! Integrated Circuits (ICs) ship same day

### Interface - Voice Record and Playback | Integrated ...

PLAYE - Playback, Edge-activated:When a HIGH-going transition is detected on continues until an End-of-Message (EOM)... REC - The REC input is an active-HIGH record signal.The device records whenever REC is HIGH. This pin must remain HIGH... Speaker Outputs - The SP+ and SP- pins provide direct ...

### Voice Record Module - ISD1820 - Blog

Voice Record Module is base on ISD1820, which a multiple-message record/playback device.It can offers true single-chip voice recording, non-volatile storage, and playback capability around 10 seconds. This module is easy to use which you could direct control by push button on board or by Microcontroller such as Arduino, STM32, ChipKit etc.

### HOW TO USE ISD1820 VOICE RECORDER AND PLAYER : 6 Steps ...

The Voice Record Module is based on the ISD1820 chip, a multiple-message record/playback device. It can offer true single-chip voice recording, non-volatile storage, and playback capability for 8 to 20 seconds. The sample rate is between 8.0 KHz to 3.2 KHz for the duration of 8 to 20 Seconds for the Recorder.

### ISD1820 Arduino Voice Record/Playback Tutorial ...

The circuit can record and playback the voice up to 30 seconds. It can be used in automatic answering devices, door phone, etc. The IC APR 9301 is provided with the circuitry capable of storing and reproducing the sound without using any microcontroller or some other software. No external ICs are required in the operation of the voice recording.

### Voice Recorder and Playback Circuit APR 9301 Working and ...

An APR9600 is a single chip voice recorder and playback device from Aplus integrated circuits. This chip used flash non volatile memory to store up to 256 voltage levels. i.e. for 32 to 60 seconds. This chip have many features like, one can select sample rates with consequent quality and recording times.

### Voice Recording and Play Back Circuit using APR9600 ...

Information Storage Devices' ISD1400 Chip- Corder Series provides high-quality, single-chip record/playback solutions to short-duration mes- saging applications. The CMOS devices include an on-chip oscillator, microphone preamplifier, automatic gain control, antialiasing filter, smooth- ing filter, and speaker amplifier.

### Single-Chip Voice Record/Playback Devices 16- and 20 ...

This module board is based on ISD18B20, which is a single-chip single-message record/playback device. Recordings are stored into on-chip non-volatile memory, providing zero-power message storage. With the embedded Flash memory employed, data retention up to 100 years and typical 100,000 erase/record cycles can be reached.

### ISD1820 voice recording and playback module

Voice Express Mini Voice Recorder for Personal Messages - Perfect Device for Plush Toys, Stuffed Animals, Baby Dolls, and Pillows Playback 4.5 out of 5 stars 239 \$8.00

### Amazon.com: RE-Recordable PUSH BUTTON Sound Module/Chip ...

Single Chip Handles Voice Recording And Playback The ISD5108 ChipCorder, which holds from four to eight minutes of voice recording, can easily be embedded into a host of products. The chip's...

### Single Chip Handles Voice Recording And Playback ...

A single voice message of up to 20 seconds /PlayE pin pulses low (edge-activated). Playback can be recorded. The chip is in record mode as long as the will stop immediately when the /PlayE pin pulses low /Recl. pin stays low (level-activated). If the message lasts a second time.