

TW-DIY-5146

Information Storage Devices are one of the leaders in solid state audio recording & playback devices. The latest ISD1700 series provides high-quality, single-chip, nonvolatile record/playback for 40, 60, 75, 90 & 120 seconds. These cmos devices include an on-chip oscillator, microphone preamplifier, automatic gain control, antialiasing filter, smoothing filter and speaker amplifier. In addition it is micro-processor compatible allowing complex messaging and addressing to be achieved.



zoom photo

40 Second Message Recorder Kit - DIY

40 Second Message Recorder. This kit will take ISD DIP chips from ISD1700 series.

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COMPONENTS

Resistors:

680R blue grey brown R5 R6 2
1K brown black red R7 1
4K7 yellow violet red R2 1
10K brown black orange R8 R9 2
22K red red orange R3 R4 2
100K brown black yellow R10 R11 2
470K yellow violet yellow R1 1

Capacitors:

0.1 Monoblock 104 C1 C2 C4 C6 4
1uF electrolytic mini C7 1
4.7uF elcap C8 1
100uF elcap C3 1
220uF elcap C5 1
BC547 Q1 Q2 2
BC557 Q3 1
ISD1740 IC 1
28 pin IC socket 1
1N4148 diode 1
2 pole terminal block 2
Electret Microphone 1
Hat keyswitch 2
5mm LED 2
K146 PCB 1
SPDT PCB mounted switch 2