

Using the Adapt11DX Voice Record Playback Module

P1 header connections to be connected to the other circuits

H1 Pin#	ISD2560 Address
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21	A0
20	A1
19	A2
18	A3
17	A4
16	A5
15	A6
14	A7
39	A8
40	A9
13	EOM*
38	PD
41	P/R*
42	CE*

A0-A9 – ADDRESS BUS

EOM* - END OF MESSAGE SIGNAL

PD – POWER DOWN or RESET

P/R* - PLAYBACK/RECORD SIGNAL

CE* - CHIP SELECT

Addressing of the different memory cells is best described on Page 5 of the Basic Addressing document for the ISD2560. By change addresses A0-A9 different segments of the memory can be accessed for recording and playback.

Recording:

Change the Address A0-A9 to the segment of memory that needs to be used for recording. Next, toggle pin 41 (P/R*) then pin 42 (CE*) low for the duration of the Recording. Toggle both pin to stop recording.

Manual Recording:

To start recording Press and hold **Record** first, then press and hold the **Playback** button a moment later. Release the **Playback** button and then the record button when finished recording. In Record Mode the EOM signal is high.

Playback:

Change the Address A0-A9 to the segment of memory you want to play. Next, pulse pin 42 (CE*) low momentarily to start playback. The EOM will pulse Low whenever it reaches an end of message.

Manual Playback:

Press the Playback button momentarily to start playing the recorded message. In Playback mode the EOM signal is high and pulses low at end of message.

Reset:

To stop playback message toggle/pulse PD pin high. This process is similar to resetting the chipcorder.