

Lab 8: Object Building a 4-Key Digital Piano using Sine Wave Output

Info Regarding circuit wiring:

The DAC circuit has been built with 6 resistors which are connected to **D0, D1, D2, D4** pins and these things are connected to the Audio device.

Used Resistor values:

$2k + 2k = 4K$ ohms

$4.7k + 3.3k = 8k$ ohms

2k ohms

1k ohms

The switch circuit has been designed with 4 switches and are connected to **D5, D8, D9, D10** pins.