

CSCE5612 - Lab 8

Description of circuit wiring

The DAC circuit is made using 6 resistors

$4.7k + 3.3k = 8k$ ohms

$2k + 2k = 4k$ ohms

2k ohms

1k ohms

These are connected to the pins D0,D1,D2,D4 respectively

And together are connected to the audio

The switching circuit is made using 4 switches

These are connected as per the week 6 document

And are connected to the pins D5, D8,D9, D10 respectively.

The working of the circuit is shown in the Demo video