

200650U - Lasitha Jananjaya

GENERAL INFO

- This device can be used for coding and decoding Mørse code.
- Code sending process

ASCII code input is received by the module, converted into Morse code, and then converted into audio signal.

Code receiving process

It converts the received audio signal into Morse code, and then convert it into ASCII code and displays it.

SIMULATION _____

Done using WOKWI – Online simulator

DESIGNS ____

Altium Designer and Solidworks

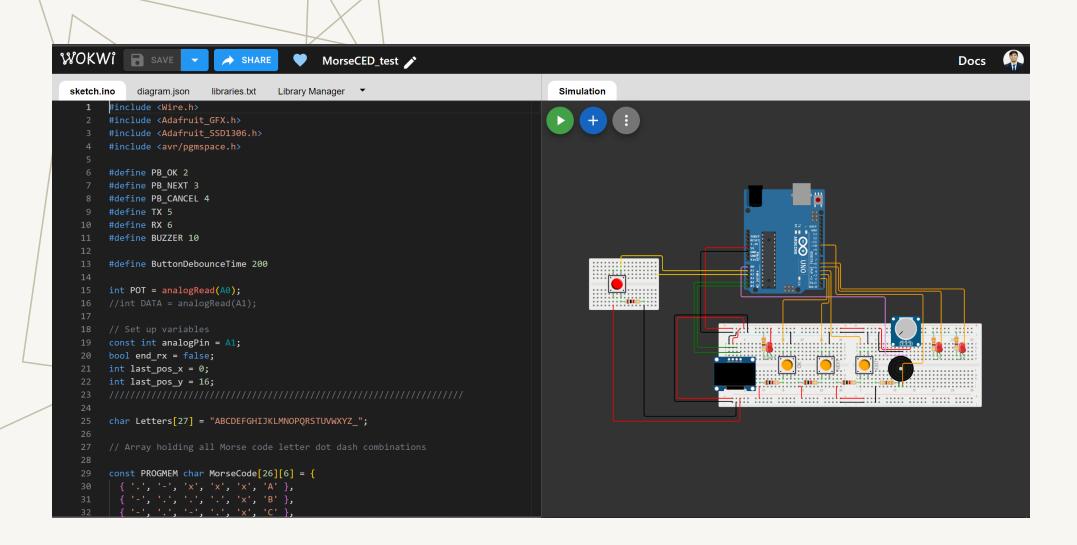
MANUFACTURING _____

JLCPCB and 3D Printing

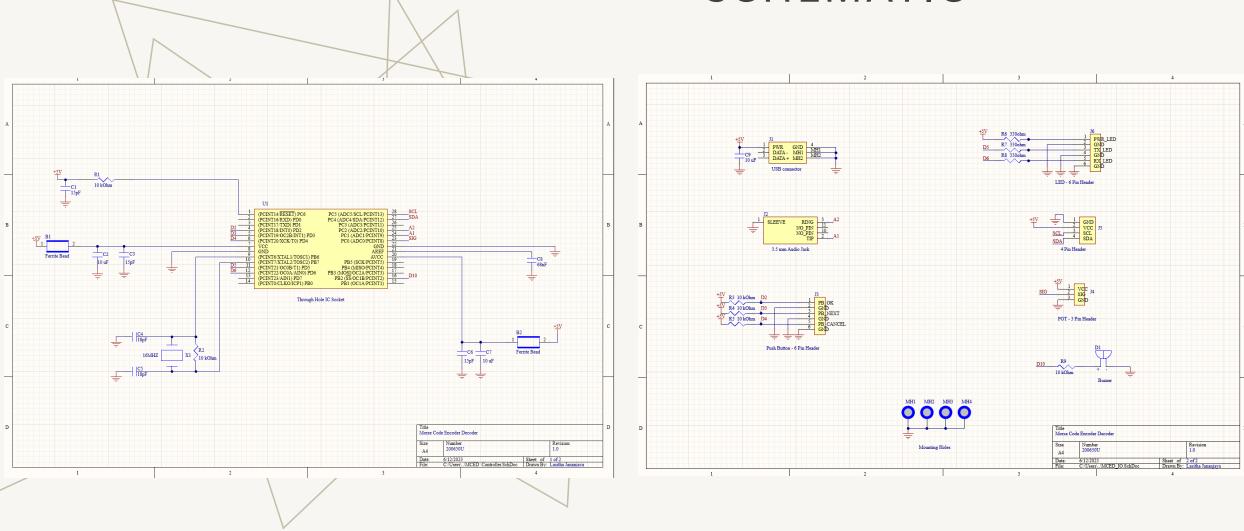
ASSEMBLY _____

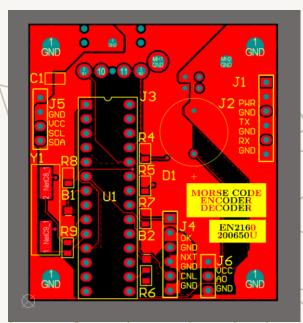
Hand soldered and Assembled by hand

SIMULATION

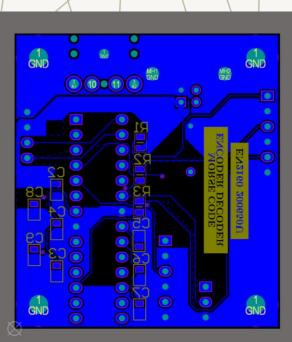


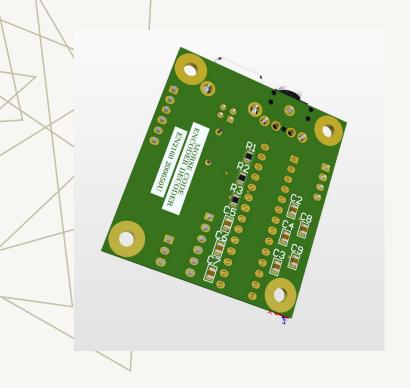
SCHEMATIC

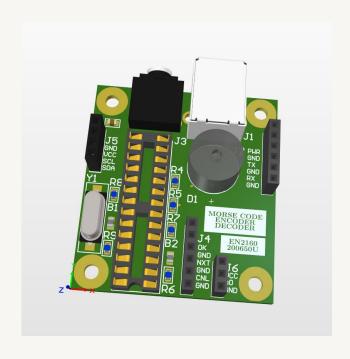




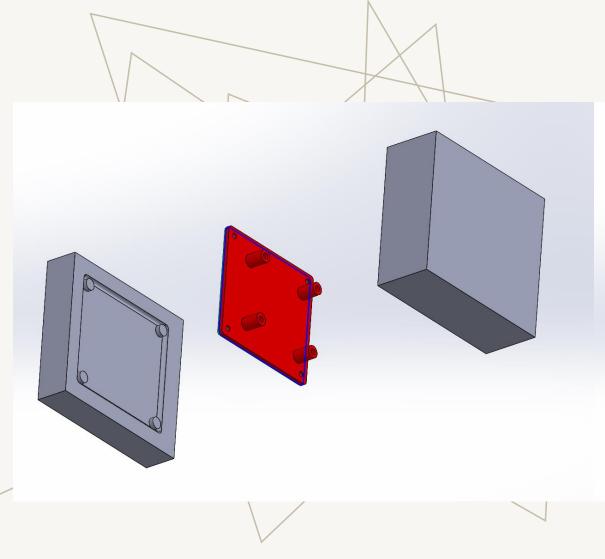
PCB DESIGN

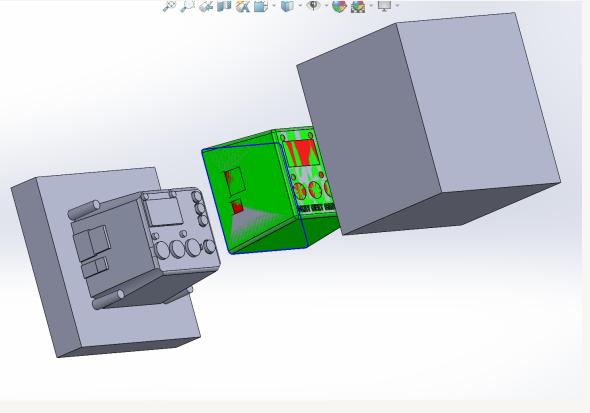




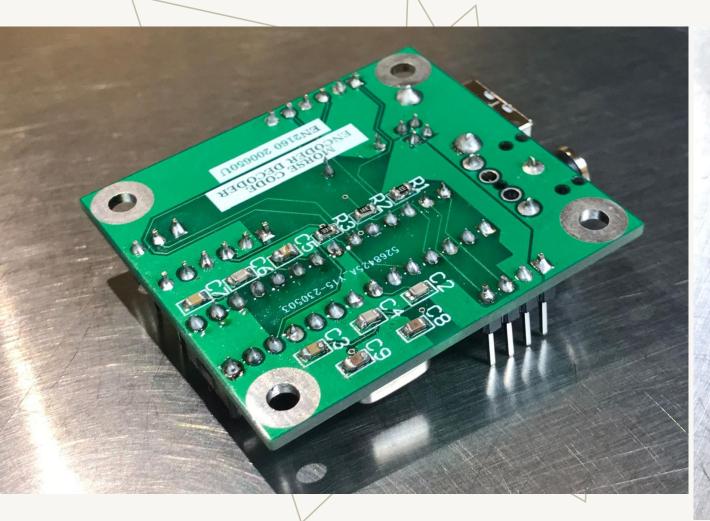


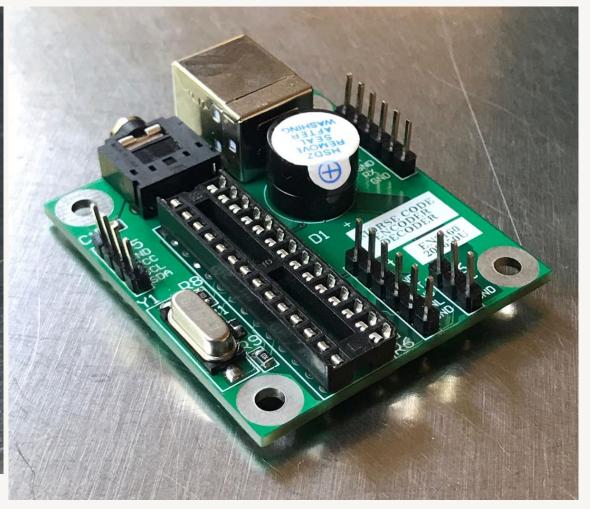
ENCLOSURE





PCB ASSEMBLY







THANK YOU

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