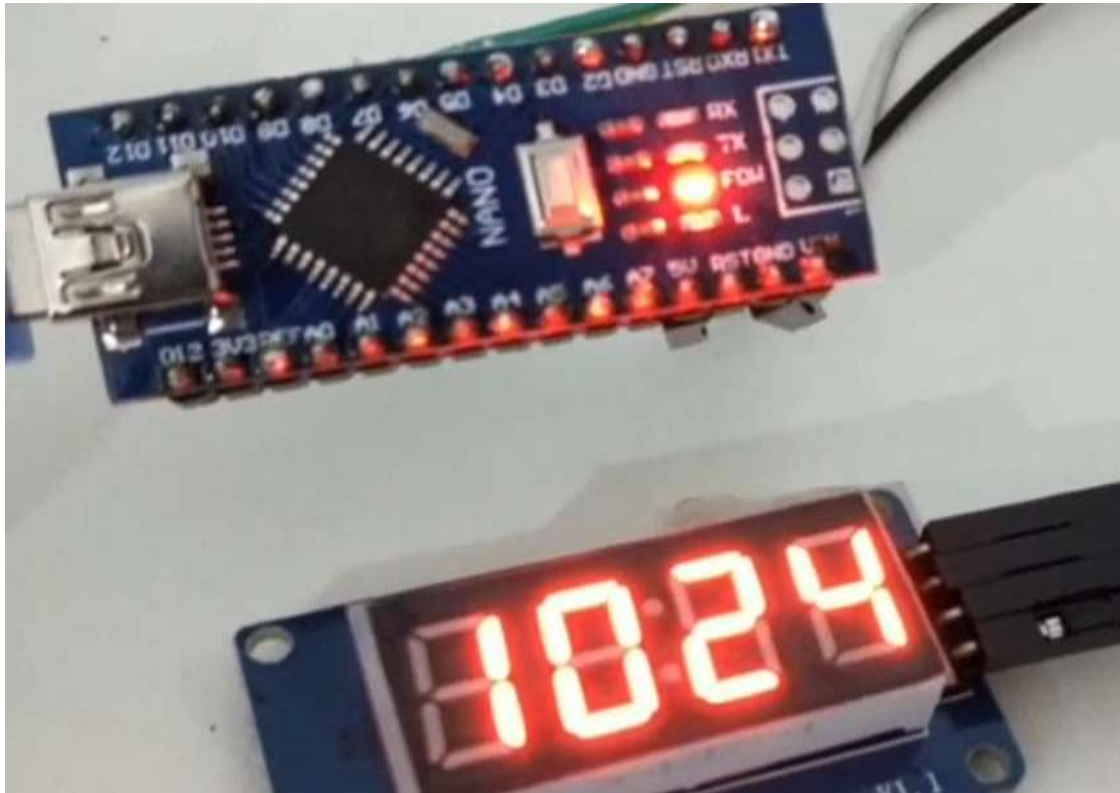# Interfacing of 4 Digital Display
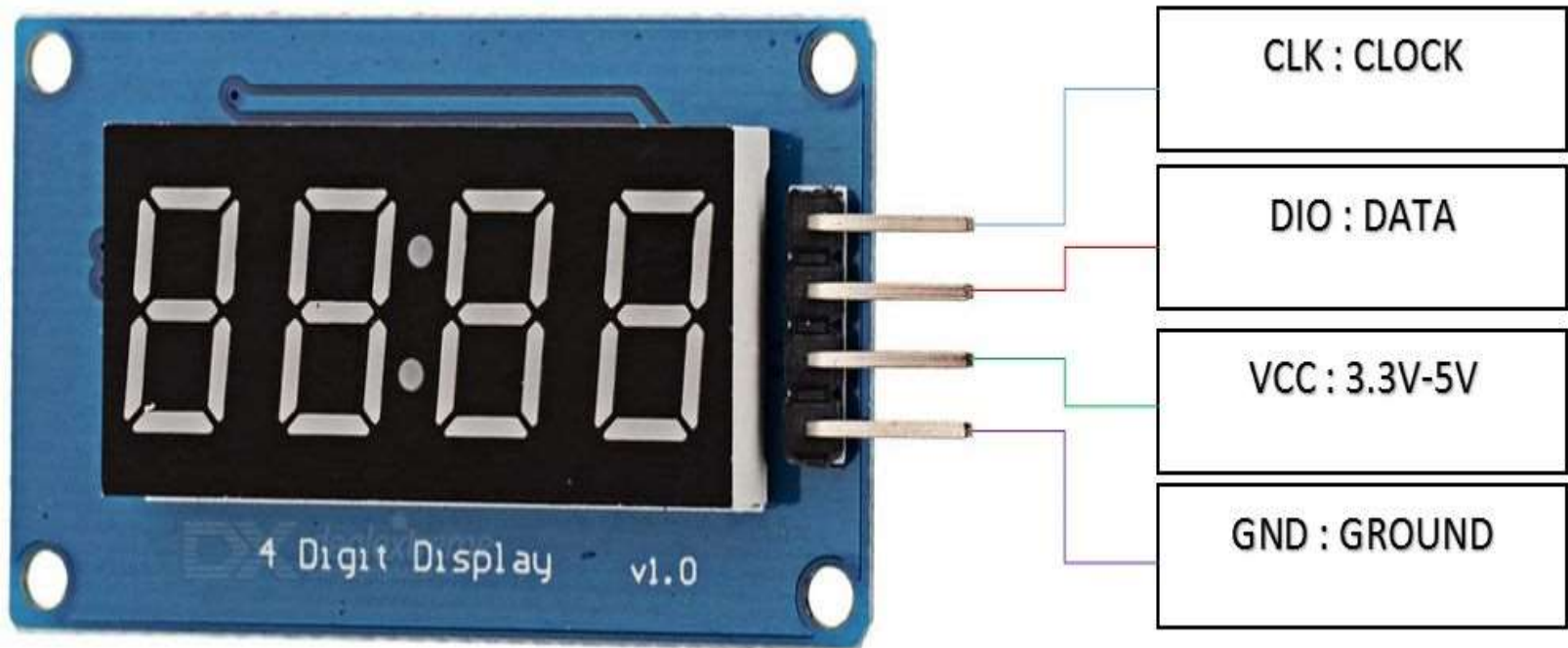
4 Digital Display [TM1637]

• TM1637 is used to drive seven segments display, there are many modules available which contain TM1637 chip to form a 4-digit numerical display module.

• A 4-digit 7-segment LED display has 12 pins. 8 of the pins are for the 8 LEDs on a 7 segment display, which includes A-G and DP (decimal point). The other 4 pins represent each of the 4 digits from D1-D4.
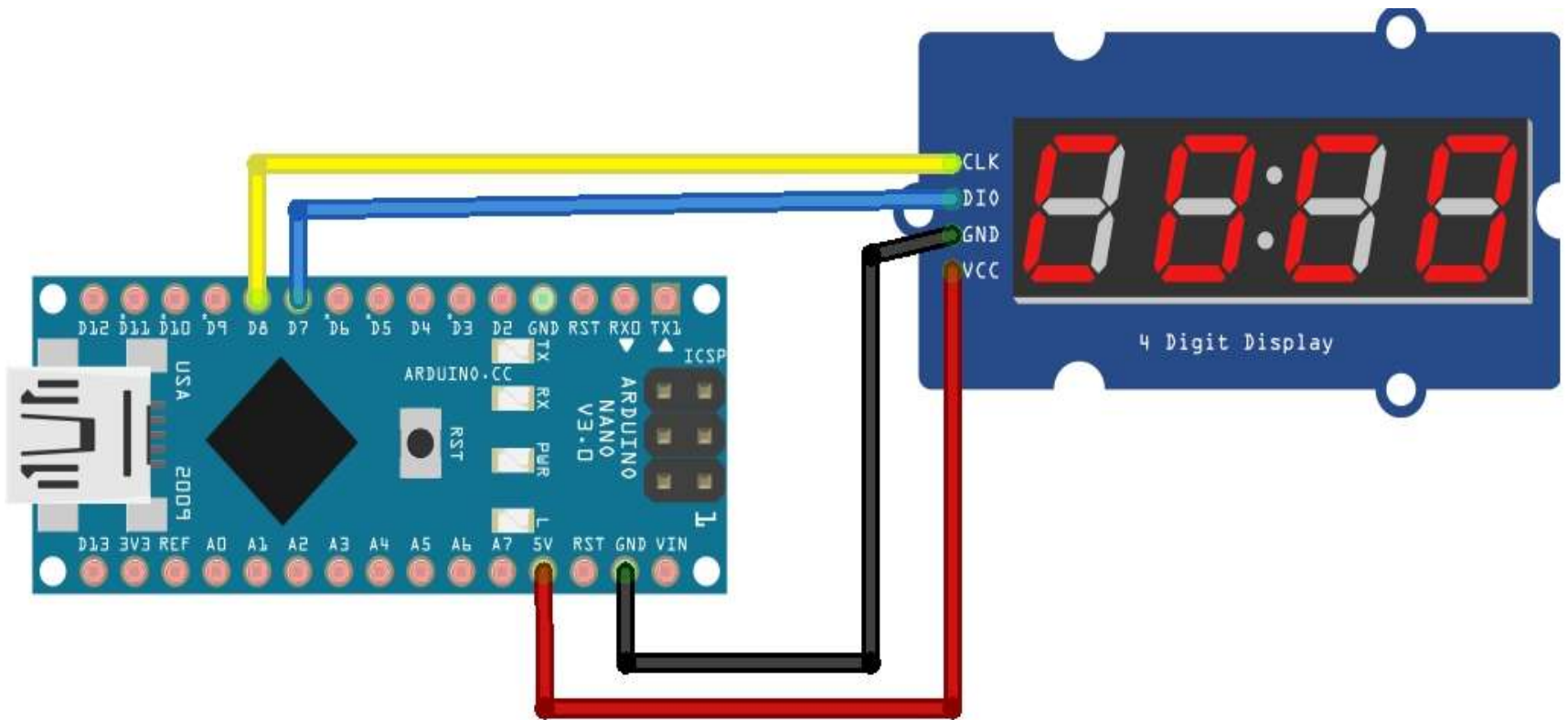
Pin Diagram

CLK : CLOCK

DIO : DATA

VCC : 3.3V-5V

GND : GROUND

Components Required

- Arduino Nano
- 4 Digital display
- Jumper wires

Connection Diagram

Connections

1. Connect DIO pin of 4 digital display with D7 pin of Arduino Nano.

2. Connect CLK pin of 4 digital display with D8 pin of Arduino Nano.

3. Connect Vcc pin of 4 digital display with 5V pin of Arduino Nano.

4. Connect GND pin of 4 digital display with GND pin of Arduino Nano.

Project Link: https://youtu.be/pA_feNV7hbQ