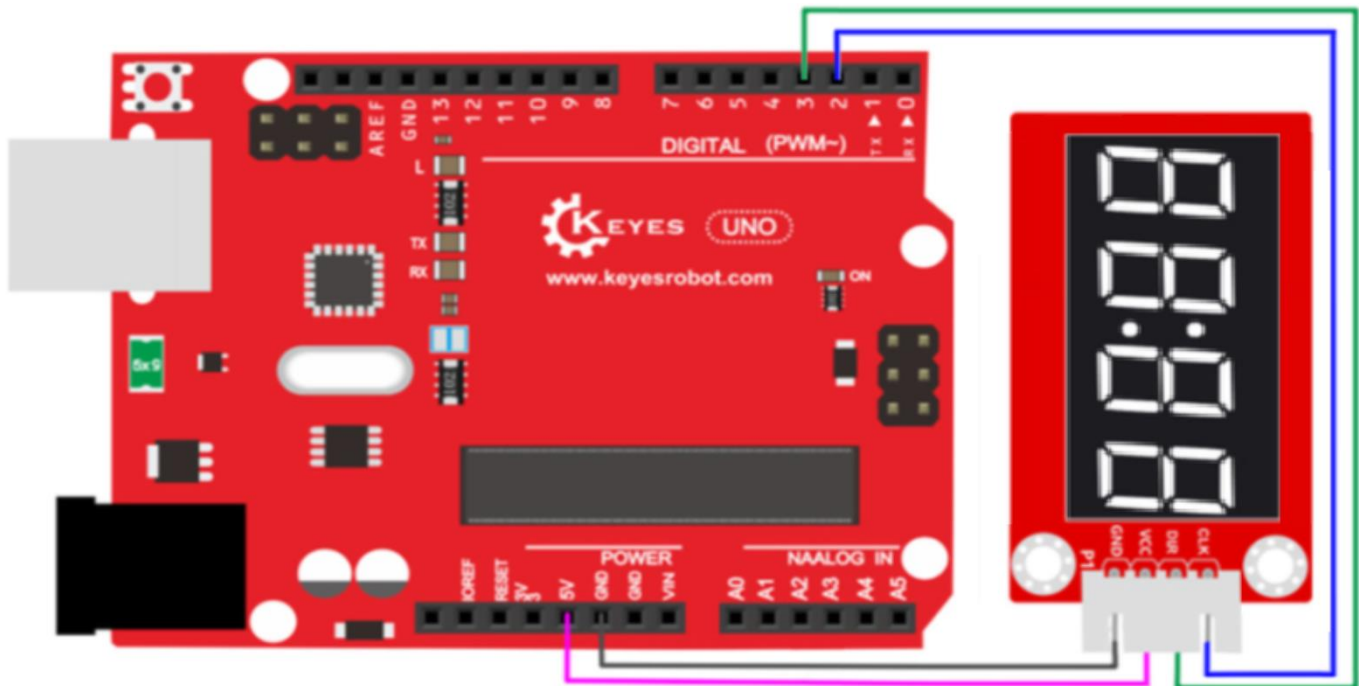


### KE2062 KEYESLED I2C four-digit display module



Connection Diagram:



Library for TM1637: <https://github.com/avishorp/TM1637>

**Sample Code:**

```
#include "TM1637.h"
#define CLK 2//pins definitions for TM1637 and can be changed to other ports
#define DIO 3
TM1637 tm1637(CLK,DIO);
void setup()
{
  tm1637.init();
  tm1637.set(BRIGHT_TYPICAL);//BRIGHT_TYPICAL = 2,BRIGHT_DARKEST = 0,BRIGHTTEST = 7;
}
void loop()
{
  //int8_t NumTab[] = {0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15};//0~9,A,b,C,d,E,F
  int8_t NumTab[] = {0,1,2,3,4,5,6,7,8,9};//0~9,A,b,C,d,E,F
  int8_t ListDisp[4];
  unsigned char i = 0;
  unsigned char count = 0;
  delay(150);
  while(1)
  {
    i = count;
    count ++;
    if(count == sizeof(NumTab)) count = 0;
    for(unsigned char BitSelect = 0;BitSelect < 4;BitSelect ++)
    {
      ListDisp[BitSelect] = NumTab[i];
      i ++;
      if(i == sizeof(NumTab)) i = 0;

      tm1637.display(0,ListDisp[0]);
      tm1637.display(1,ListDisp[0]);
      tm1637.display(2,ListDisp[0]);
      tm1637.display(3,ListDisp[0]);
      tm1637.point(POINT_ON);
      delay(100);
    }
  }
}
```

**Result:**

Done uploading the code, the 4-digit LED display will show the number from 0 to 9. The LED segment display is normally on and each segment shows the same digit.