TM1638 Chip Key Display Module 8 Bits Digital LED Display For AVR Arduino

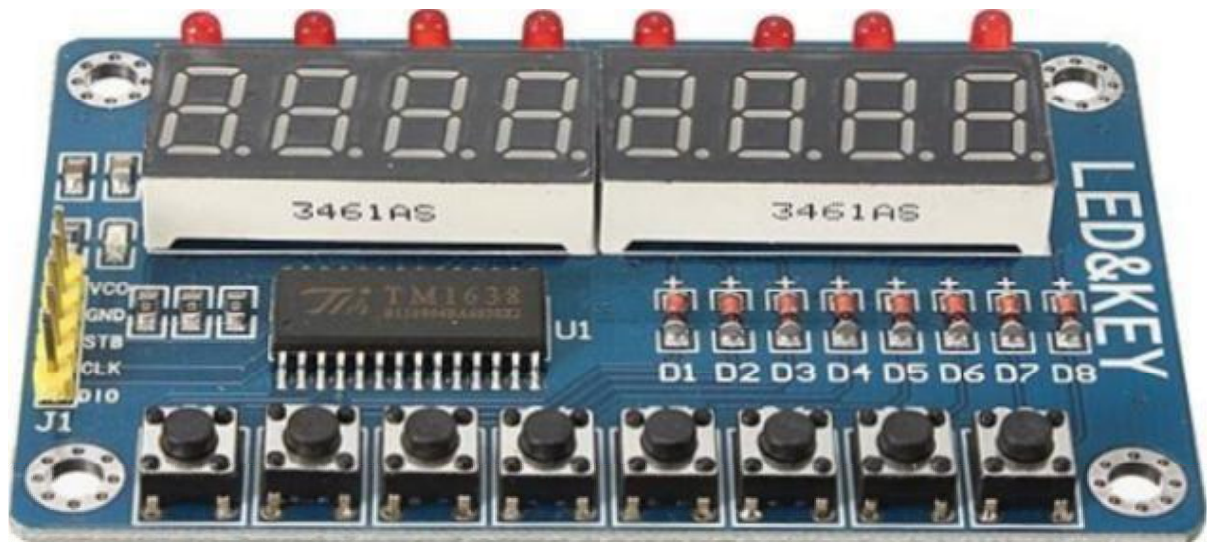# Model: TM1638

Features:
8 Bits, 8 keys, 8 LEDs, 8 digital 7-Segmant display, common cathode LED digital display.
With TM1638 Chip, this module gather more than three common SCM peripheral circuits.
The advantage is only 3x IO ports will be occupied when it drives.
SCM doesn't need to work for scanning display and key scanning.
It only need to read the relevant register to send display data or test button so it save MCU resources effectively.
Keys are sensitive and display effectively.

Specifications:
Voltage : DC5.0V
Input power: 0.24 A
Temperature range: -10 – 70C
Weight: 28g
Material: Glass fiber reinforced plastic, PBT shell, PA blades
Connect: VCC GND 5V power supply, STB CLK DIO SCM IO port.
Size: 64 x 51 mm (approx)

Documents and Downloads:

https://retrocip.cz/files/tm1638.pdf

https://github.com/rjbatista/tm1638-library A