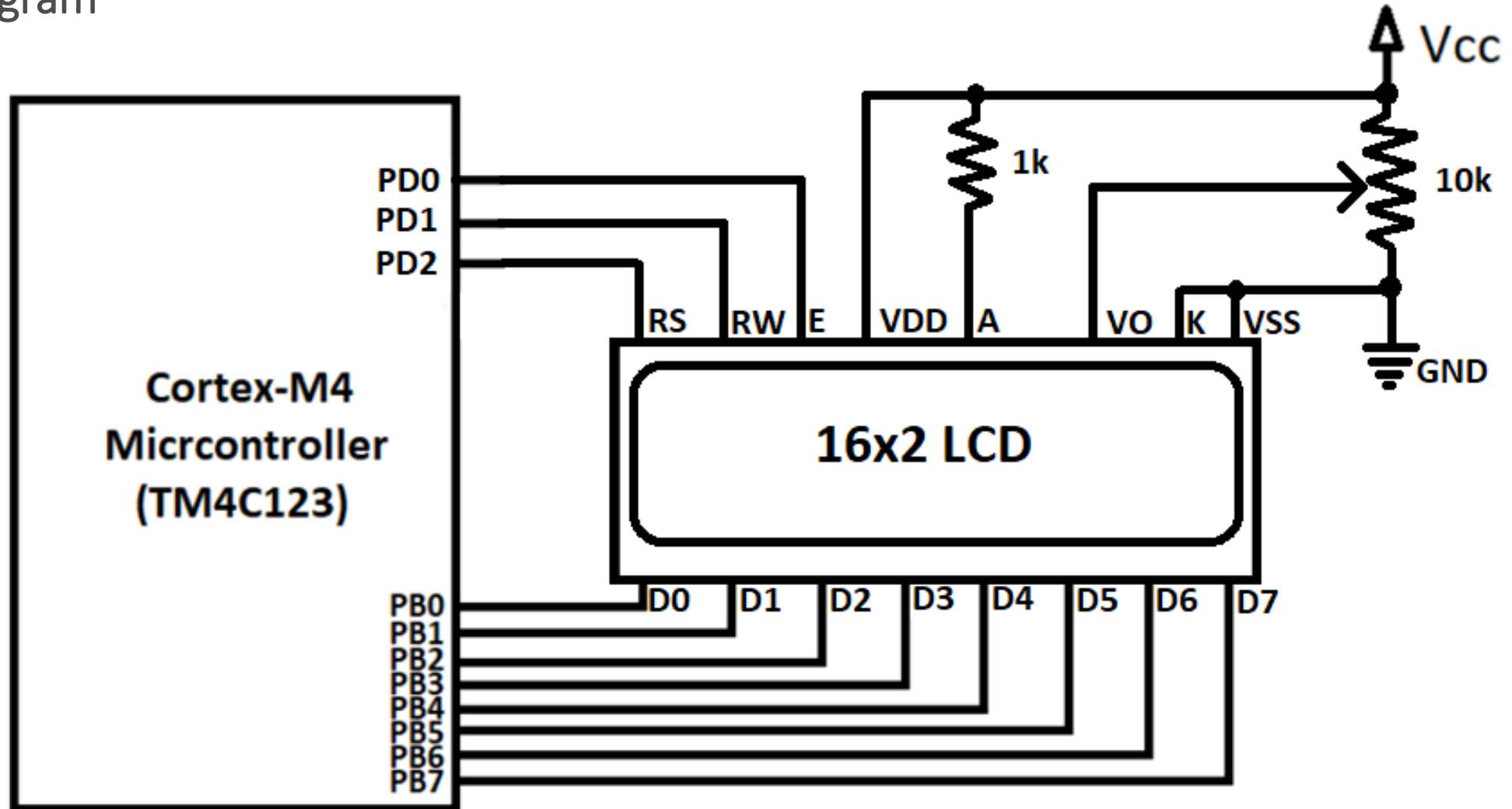Lab Session 01

GPIO Interfacing
16x2 LCD

MCT-338L: Embedded Systems-II Lab

HARDWARE CONNECTIONS

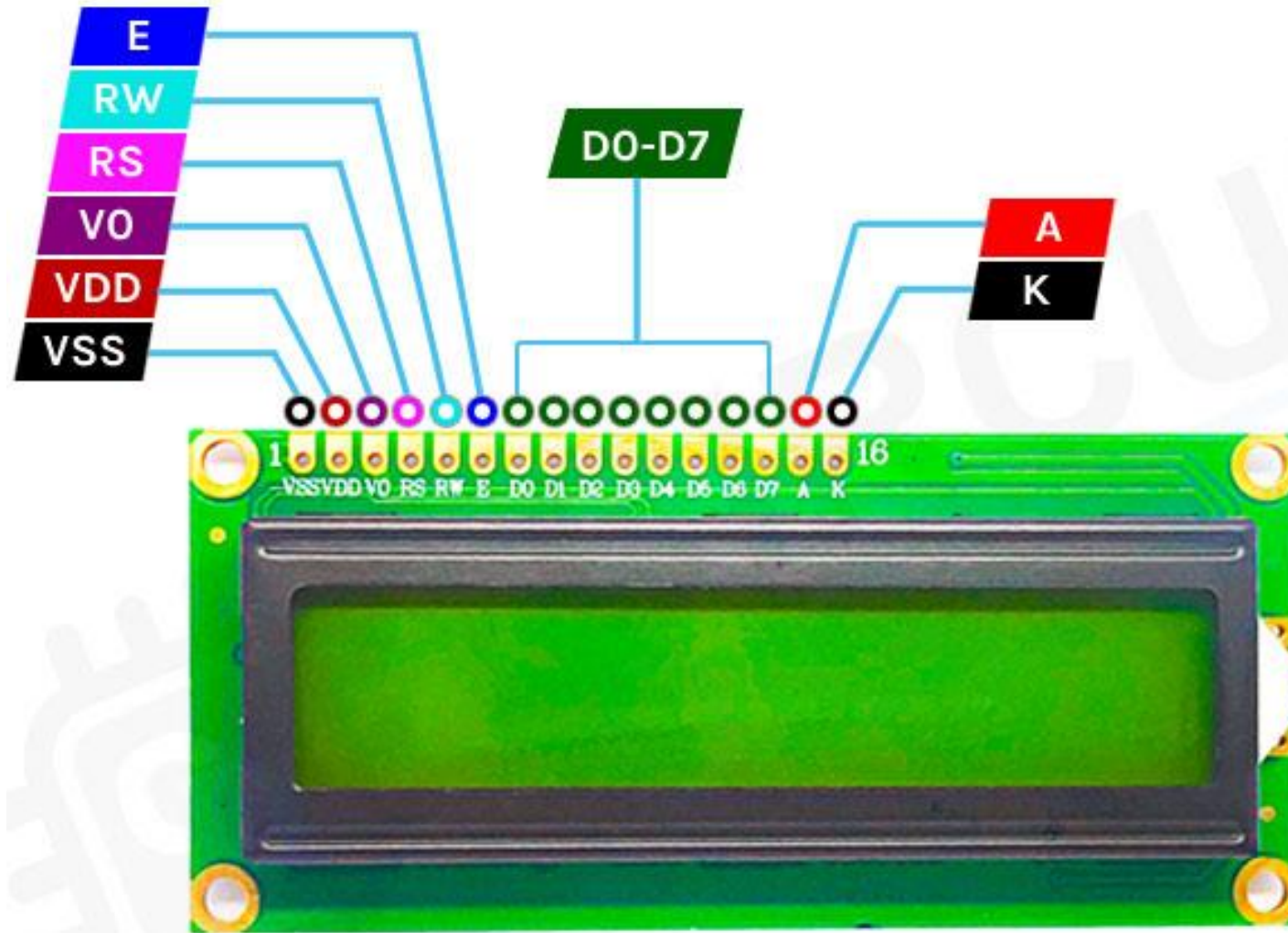16x2 LCD Interfacing at GPIO Port Pins PD0-2 & PB0-7

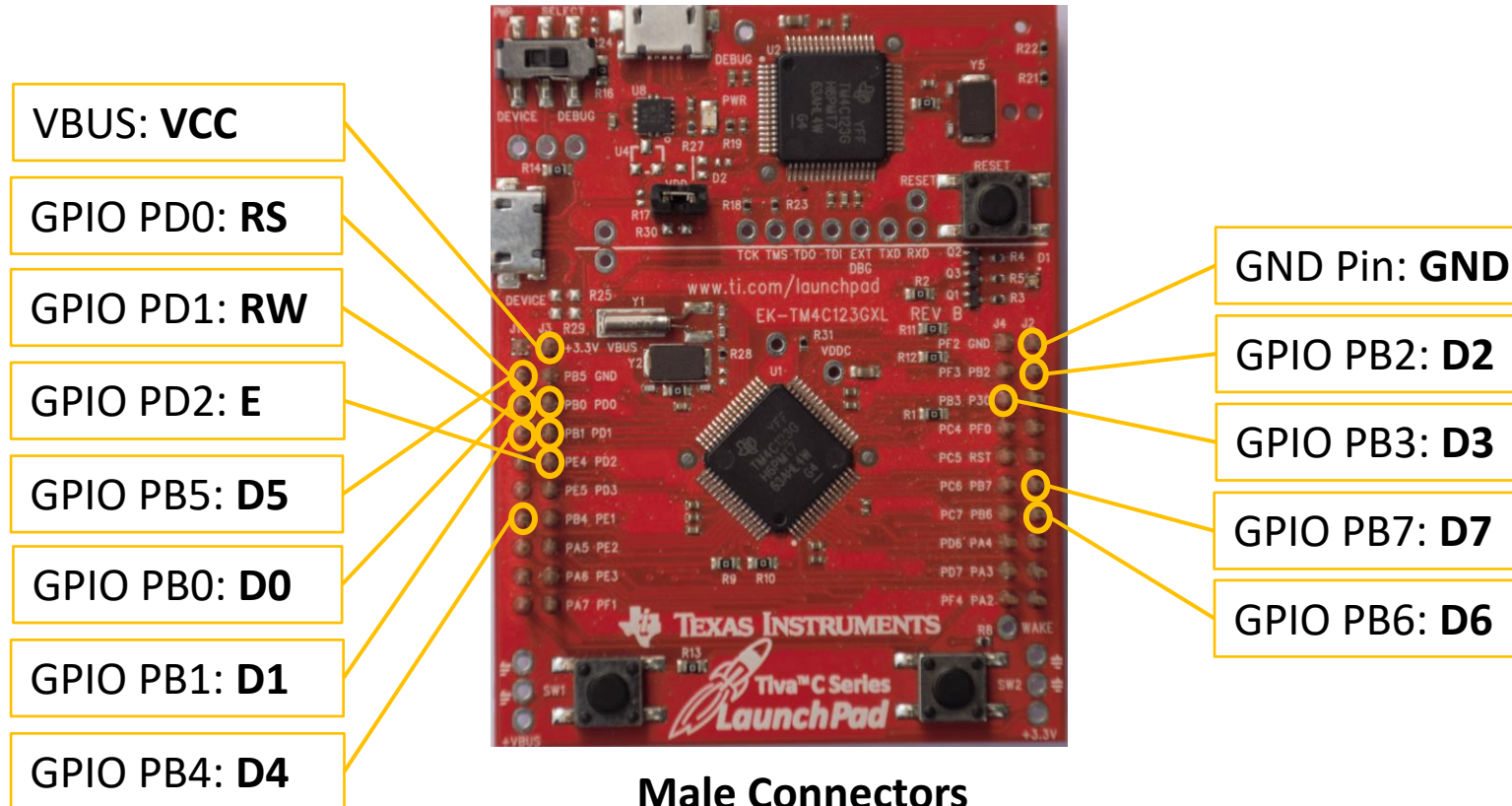# 16x2 LCD Interfaced with TIVA Board

Circuit Diagram

16x2 LCD

Pinouts for Circuit Connections

TIVA C Series LaunchPad

Pinouts for Circuit Connections

VBUS: **VCC**

GPIO PD0: **RS**

GPIO PD1: **RW**

GPIO PD2: **E**

GPIO PB5: **D5**

GPIO PB0: **D0**

GPIO PB1: **D1**

GPIO PB4: **D4**

GND Pin: **GND**

GPIO PB2: **D2**

GPIO PB3: **D3**

GPIO PB7: **D7**

GPIO PB6: **D6**

**Male Connectors
Top Side**

THANK YOU

Any Questions???