## Task 1: Drive the DC motor in clockwise and counter clockwise direction ARD1 Vss = Vcc1 Vs = Vcc2 U1 VS OUT1 IN2 OUT2 PB5/SCK PB4/MISO +88.8 PB3/MOSI/OC2A Volts ~ PB2/OC1B ~ PB1/OC1A — 11 14 OUT3 GND GND OUT4 PB0/ICP1/CLKO PD7/AIN1 ~ PD7/AIN1 L293D PC0/ADC0 PC1/ADC1 PC2/ADC2 ~ PD5/T1/OC0B PD4/T0/XCK ~ PD3/INT1/OC2B PC3/ADC3 PD2/INT0 PC4/ADC4/SDA PD1/TXD www.TheEngineeringProjects.com ARDUINO UNO V2