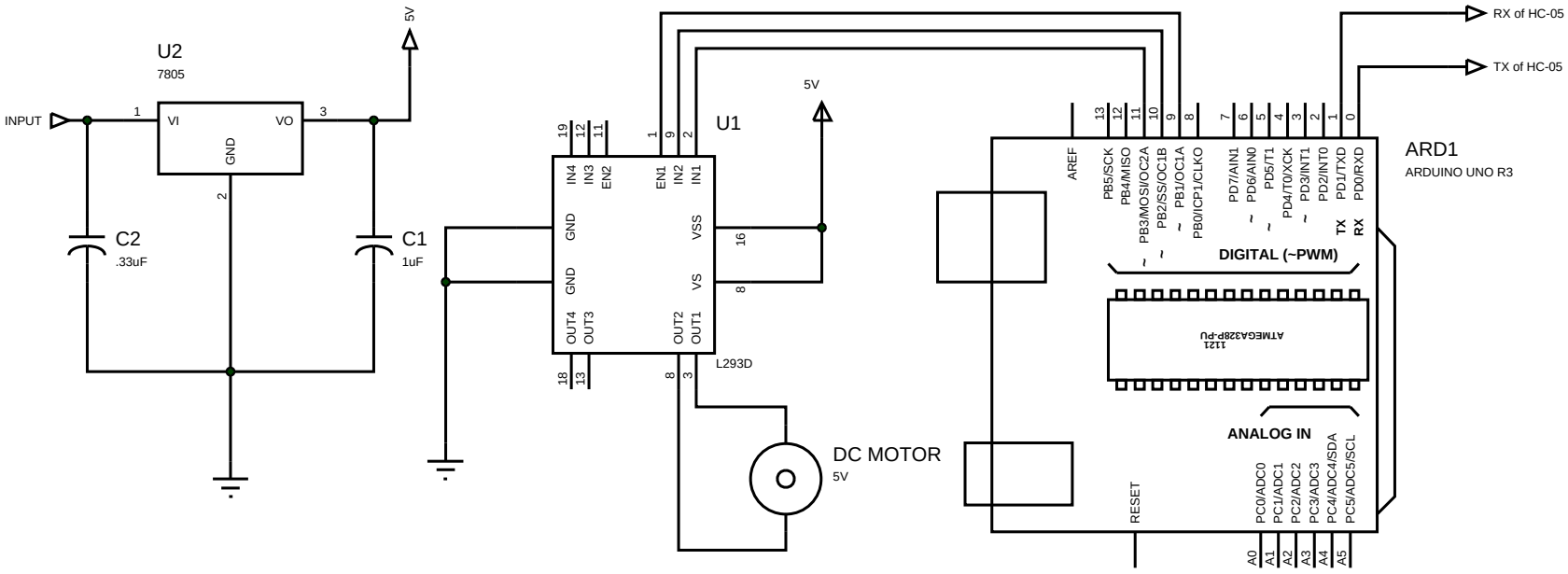
U2
7805
INPUT
VI
VO
GND
5V
C2
.33uF
C1
1uF
U1
IN4
IN3
EN2
EN1
IN2
IN1
GND
GND
VSS
VS
OUT4
OUT3
OUT2
OUT1
L293D
5V
DC MOTOR
5V
ARD1
ARDUINO UNO R3
AREF
PB5/SCK
PB4/MISO
PB3/MOSI/OC2A
PB2/SS/OC1B
PB1/OC1A
PB0/ICP1/CLKO
PD7/AIN1
PD6/AIN0
PD5/T1
PD4/T0/XCK
PD3/INT1
PD2/INT0
PD1/TXD
PD0/RXD
TX
RX
DIGITAL (~PWM)
ATMEGA328P-PU
1121
ANALOG IN
RESET
PC0/ADC0
PC1/ADC1
PC2/ADC2
PC3/ADC3
PC4/ADC4/SDA
PC5/ADC5/SCL
A0
A1
A2
A3
A4
A5
RX of HC-05
TX of HC-05