

HB1
HEART BEAT SENSOR

MAX30102

ARD1
Arduino Uno

BUZ1
BUZZER

Buzzer

LCD1
LCD 16X2

16x2 LCD Display

www.TheEngineeringProjects.com

Temp: 35.7C
BPM: 19

VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7

U2
PCF8574

PCF8574

LM35¹
U1

VOUT

LM35

ARDUINO UNO

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ATMEGA328P-PU

Reset BTN

RESET

VCC
GND

A0 PC0/ADC0
A1 PC1/ADC1
A2 PC2/ADC2
A3 PC3/ADC3
A4 PC4/ADC4/SDA
A5 PC5/ADC5/SCL

AREF
PB5/SCK
PB4/MISO
~PB3/MOSI/OC2A
~PB2/SS/OC1B
~PB1/OC1A
PB0/ICP1/CLKO

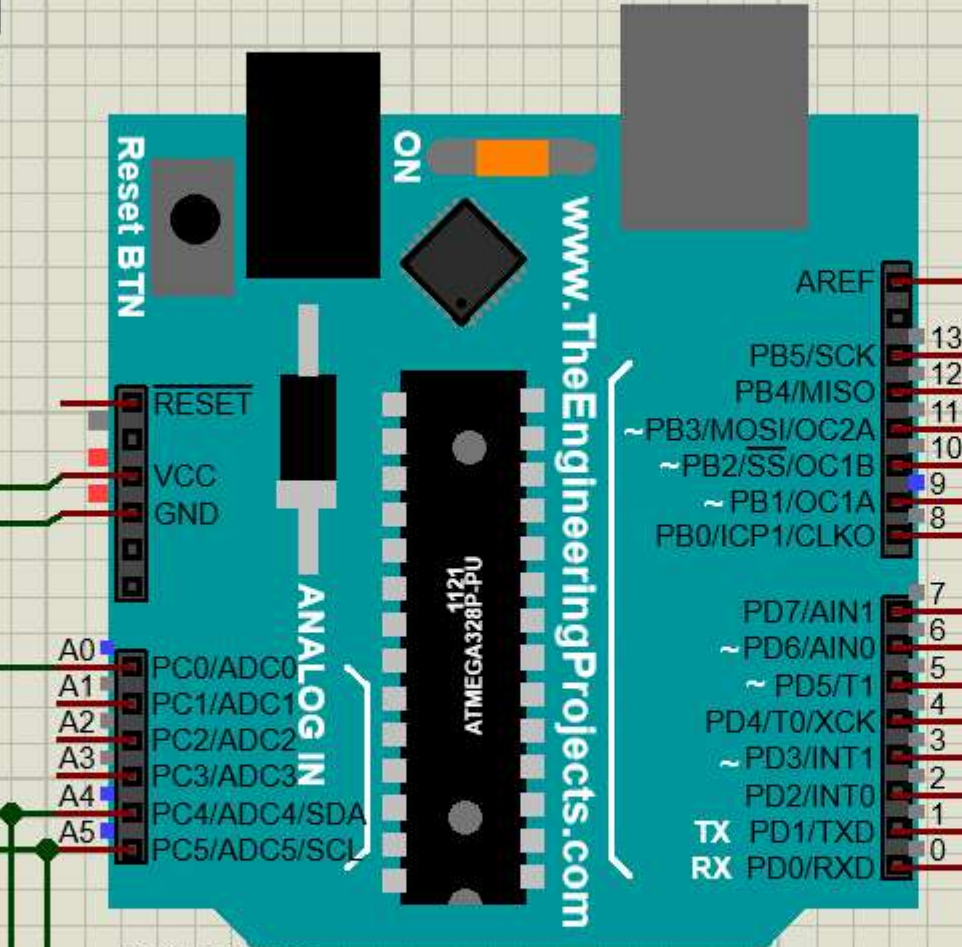
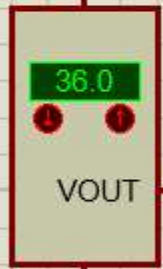
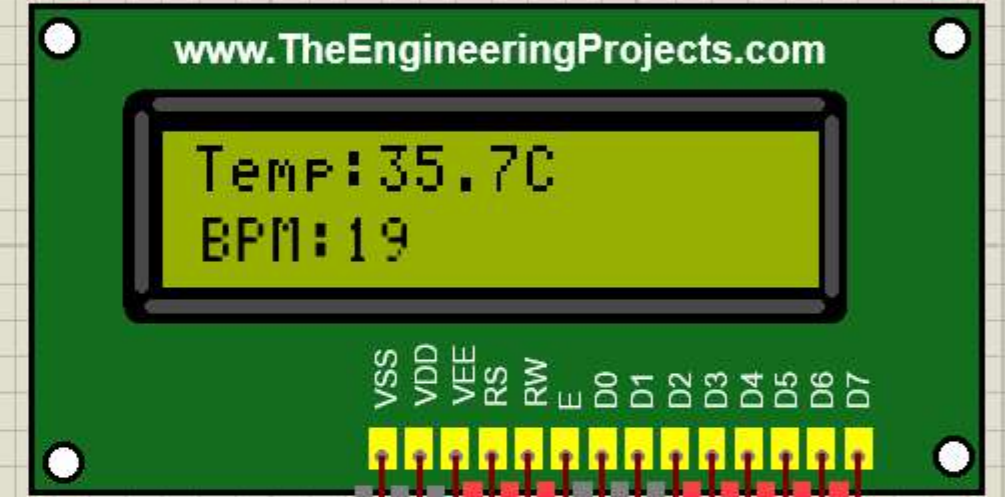
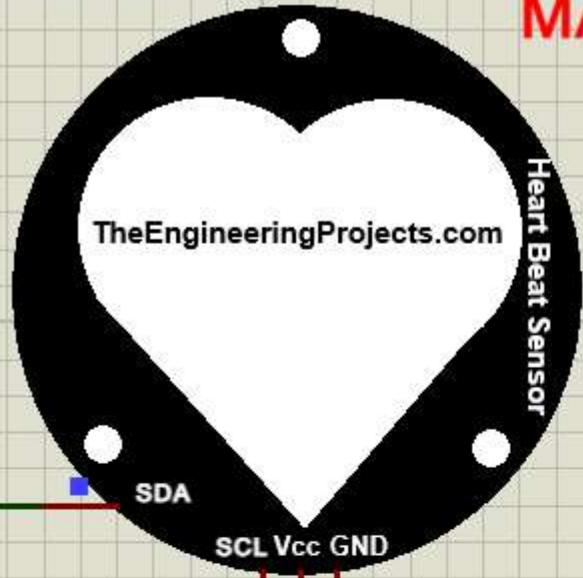
PD7/AIN1
~PD6/AIN0
~PD5/T1
PD4/T0/XCK
~PD3/INT1
PD2/INT0
PD1/TXD
PD0/RXD

14 SCL
15 SDA

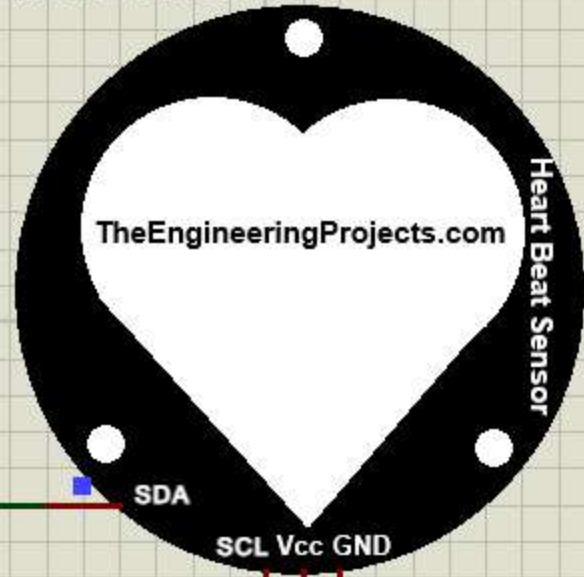
13 INT

1 A0
2 A1
3 A2

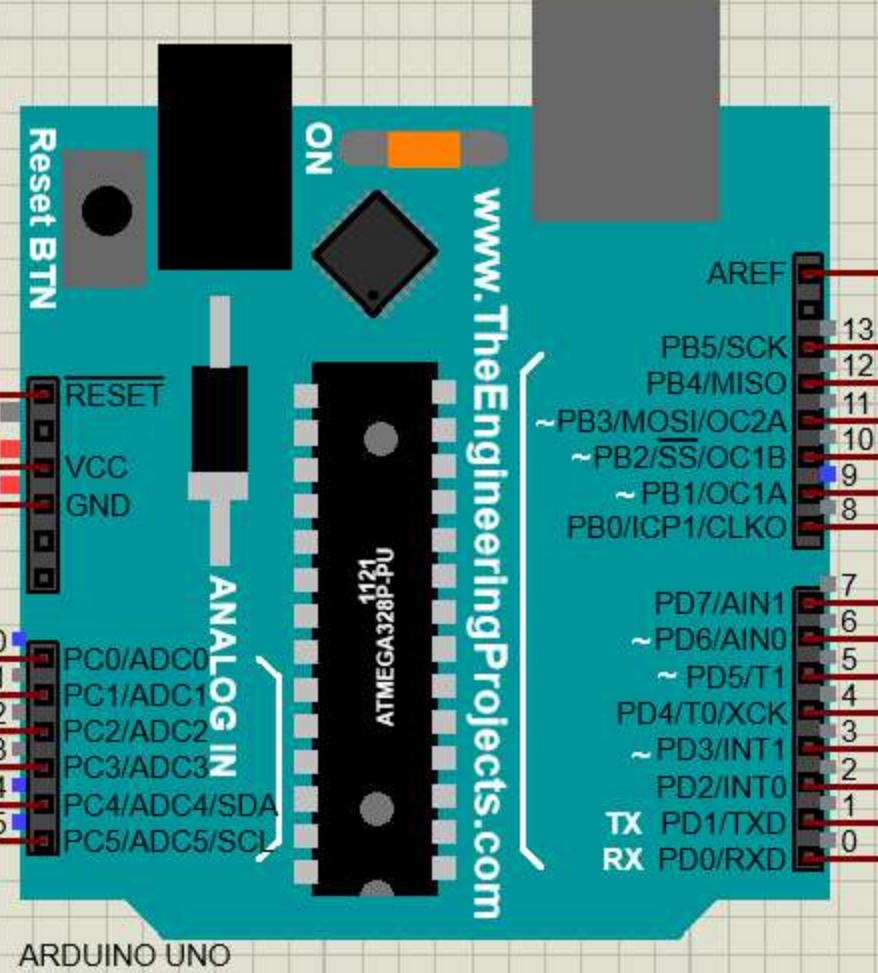
P0
P1
P2
P3
P4
P5
P6
P7



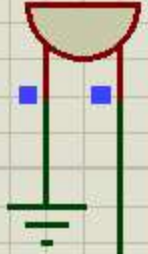
HB1
HEART BEAT SENSOR



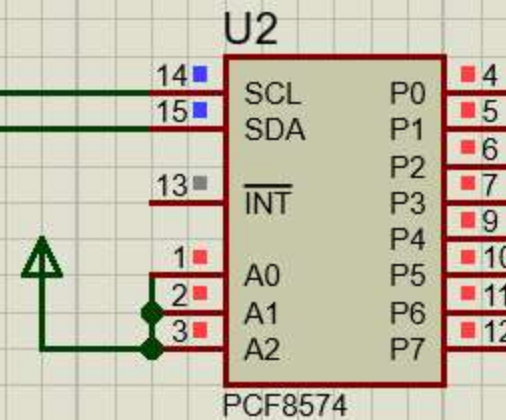
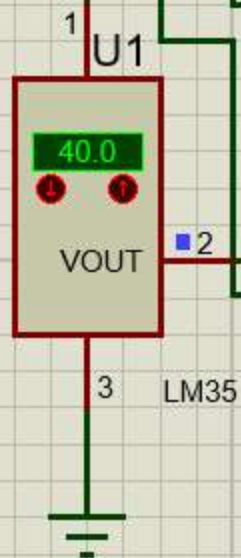
ARD1



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BUZZER



LCD1
LCD 16X2



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BPM: 19

VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7



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Fever Alert!

VSS
VDD
VEE
RS
RW
E
D0
D1
D2
D3
D4
D5
D6
D7



