

GSR SENSOR

```
// Include the required libraries

#include <Wire.h>

#include <AD8232.h>


// Define the pins for the sensors

const int GSR_PIN = A0; // GSR sensor pin

const int HR_PIN = A1; // Heartbeat sensor pin


// Initialize the sensor objects

AD8232 ad8232;


void setup() {

    // Initialize serial communication

    Serial.begin(9600);


    // Initialize the GSR sensor

    pinMode(GSR_PIN, INPUT);


    // Initialize the heartbeat sensor

    ad8232.begin();

}


void loop() {

    // Read values from the sensors

    int gsrValue = analogRead(GSR_PIN);

    int hrValue = ad8232.getAnalogValue();
```

```
// Print the sensor values

Serial.print("GSR Value: ");
Serial.println(gsrValue);
Serial.print("Heartbeat Value: ");
Serial.println(hrValue);


// Add some delay to avoid flooding the serial monitor
delay(1000);
}
```