#include "Arduino.h"

#include "PCF8575.h" // https://github.com/xreef/PCF8575\_library

const int pin = 4;

// Instantiate Wire for generic use at 400kHz

TwoWire I2Cone = TwoWire(0);

TwoWire I2Ctwo = TwoWire(1);

int pinR = 2;

PCF8575 pcf8575(&I2Ctwo, 0x20);

void setup()

{

Serial.begin(112560);

pinMode(pin, INPUT\_PULLUP);

pcf8575.pinMode(pinR, OUTPUT);

pcf8575.begin();

}

void loop()

{

pcf8575.digitalWrite(pinR, HIGH);

float val=analogRead(pin);

val= (val/819.0)\*1000;

Serial.print ("mV");

Serial.println(val);

delay(1000);

}