

# Arduino Sketch Sender

Sender\_final §

```
1 #include <SPI.h>
2 #include <Adafruit_AM2315.h>
3 #include <RH_RF95.h>;
4 #include "LowPower.h"
5
6
7 RH_RF95 rf95;
8 Adafruit_AM2315 am2315;
9
10 void setup()
11 {
12   pinMode(A0, INPUT);
13   pinMode(A1, INPUT);
14
15   rf95.init();
16   am2315.begin();
17 }
18 void loop()
19
20 {
21   delay(2000);
22   float Temperatur;
23   float Luftfeuchtigkeit;
24   byte Bodensensor = analogRead(A0);
25   byte Regensensoranalog = analogRead(A1);
26
27   Temperatur = am2315.readTemperature();
28   delay(2000);
29   Luftfeuchtigkeit = am2315.readHumidity();
30
31   uint8_t message[6];
32
33   message[0] = Temperatur;
34   message[1] = Luftfeuchtigkeit;
35   message[2] = Bodensensor;
36   message[3] = Regensensoranalog;
37
38   rf95.send(message, sizeof(message));
39   rf95.waitPacketSent();
40
41   LowPower.powerDown(SLEEP_8S, ADC_OFF, BOD_OFF);
42 }
```