**Transmitter Code**

#include <SPI.h>

#include <LoRa.h>

int pot = A0;

void setup()

 {

 Serial.begin(9600);

 pinMode(pot,INPUT);

 while (!Serial);

 Serial.println("LoRa Sender");

 if (!LoRa.begin(433E6)) // or 915E6, the MHz speed of yout module

 {

 Serial.println("Starting LoRa failed!");

 while (1);

 }

}

void loop() {

 int val = map(analogRead(pot),0,1024,0,255);

 LoRa.beginPacket();

 LoRa.print(val);

 LoRa.endPacket();

 delay(50);

}

===========================================================================

 **Receiver Code**

#include <SPI.h>

#include <LoRa.h>

int LED = 3;

String inString = ""; // string to hold input

int val = 0;

void setup()

 {

 Serial.begin(9600);

 pinMode(LED,OUTPUT);

 while (!Serial);

 Serial.println("LoRa Receiver");

 if (!LoRa.begin(433E6)) // or 915E6

 {

 Serial.println("Starting LoRa failed!");

 while (1);

 }

 }

void loop()

 { // try to parse packet

 int packetSize = LoRa.parsePacket();

 if (packetSize)

 {

 // read packet

 while (LoRa.available())

 {

 int inChar = LoRa.read();

 inString += (char)inChar;

 val = inString.toInt();

 }

 inString = "";

 LoRa.packetRssi();

 }

 Serial.println(val);

 analogWrite(LED, val);

 }

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