Breakout board to adapt a the Hope RFM95, RFM96 or RFM98 lora module into a breadboard friendly format.
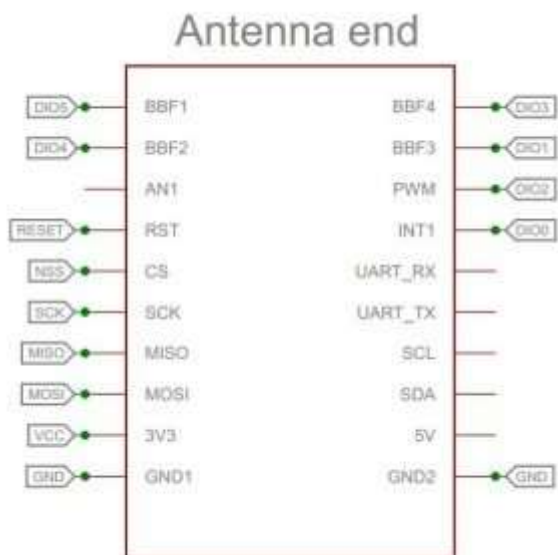
The board will allow you to use the Hope RFM9x with a standard 0.1" matrix breadbord or stripboard. This is a board only, the Hope RFM9x module is not supplied.

The antenna cannection can be either a simple wire, U.FL connector or an edge SMA socket. The boards are supplied with the 0.1" pins unsoldered, leaving you the option of how to assemble or use the board in a project.
This board can be used with the Easy mikroBUS™ Pro Mini controller available in this shop.

Do not operate the Hope RFM9x device without an antenna. The Hope RFM9x is a 3.3V supply and logic level device, do not use directly with 5V controller boards such as the Arduino UNO.

The pinout of the board is below, the lora device pin names on the outside.

Antenna end

DIO5	BBF1	BBF4	DIO3
DIO4	BBF2	BBF3	DIO1
	AN1	PWM	DIO2
RESET	RST	INT1	DIO0
NSS	CS	UART_RX	
SCK	SCK	UART_TX	
MISO	MISO	SCL	
MOSI	MOSI	SDA	
VCC	3V3	5V	
GND	GND1	GND2	GND

There are many examples for using these boards for GPS trackers or sensors provided in an Arduino the library here; **https://github.com/StuartsProjects/SX12XX-LoRa**