U$3
WIRELESS-LORA-RFM95W#THT

GND	A1	GND.1	DIO2	B1	GPIO2
MISO	A2	MISO	DIO1	B2	GPIO1
MOSI	A3	MOSI	DIO0	B3	VCC GPIO0
SCK	A4	SCK	3.3V	B4	
CS0	A5	NSS	DIO4	B5	
RESOUT	A6	RST	DIO3	B6	GND
	A7	DIO5	GND.3	B7	
GND	A8	GND.2	ANT	B8	

VCC

C5   C6
10u

GND   GND

U$1

VCC	VCC	GND
GND	GND	ADC
MOSI	SI	SI
MISO	SO	SO
SCK	SCLK	SCLK
CS0	CSN	CSN	ANT	ANT
GPIO0	GDO0	GDO0		PAD1
GPIO2	GDO2	GDO2

VCC

1		2	
MOSI VCC	3	4	SCK
MISO	5	6	GPIO2
CS0	7	8	GPIO0
	9	10	

GND   SV1   GND

BUS

10k R2   10k R3   10k R4   10k R5

X1-1   BUS_INT   VCC
X1-2
X1-3   BUS_SCL
X1-4   BUS_SDA
X1-5   BUS_RESET
X1-6

GND

VCC

10k R1   DW

GND   DW

IC1

	(PCINT11/RESET/DW)PB3	4	D2 BUS_RESET
	(PCINT10/INT0/OC0A/CKOUT)PB2	5	SCK
	(PCINT9/XTAL2)PB1	3	MISO
	(PCINT8/XTAL1/CLKI)PB0	2	MOSI
	(PCINT7/ICP/OC0B/ADC7)PA7	6	CS0
	(PCINT6/OC1A/SDA/MOSI/ADC6)PA6	7	BUS_SDA
	(PCINT5/OC1B/MISO/DO/ADC5)PA5	8	BUS_INT
VCC	(PCINT4/T1/SCL/USCK/ADC4)PA4	9	BUS_SCL
	(PCINT3/T0/ADC3)PA3	10	RESOUT
	(PCINT2/AIN1/ADC2)PA2	11	GPIO2
	(PCINT1/AIN0/ADC1)PA1	12	GPIO1
	(PCINT0/AREF/ADC0)PA0	13	GPIO0

GND
100n
C2
VCC
1   VCC

GND
14   GND

TINY84 or TINY841

V1.0

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