Arduino-Pro-Mini-RF

with OnBoard TI-CC1101 and 868MHz RF-Frontend

Legend:

Name	ADC
Power	PWM
GND	I2C/SPI/UART
Control	Ext. Int
Arduino IDE	PC Int
Port	Timer/Misc
ASKSIN++	

Top connector: GND | GND | VCC | RXI | TXO | DTR

Left side:

		PCINT17	TXD	PD1	D1	TXO
		PCINT16	RXD	PD0	D0	RXI
			PCINT14	PC6	Reset	RST
					GND	GND
		PCINT18	INT0	PD2	D2	2
OC2B	PCINT19	INT1	PWM	PD3	D3	3
LED	XCK	T0	PCINT20	PD4	D4	4
T1	OC0B	PCINT21	PWM	PD5	D5	5
AIN0	OC0A	PCINT22	PWM	PD6	D6	6
		IN1	PCINT23	PD7	D7	7
CONFIG	CLKO	ICP1	PCINT0	PB0	D8	8
	OC1A	PCINT1	PWM	PB1	D9	9

Right side:

RAW	RAW					
GND	GND					
RST	Reset	PC6	PCINT14			
VCC	VCC					
A3	A3/D17	PC3	ADC3	PCINT11		
A2	A2/D16	PC2	ADC2	PCINT10		
A1	A1/D15	PC1	ACD1	PCINT9		
A0	A0/D14	PC0	ACD0	PCINT8		
13	D13	PB5	SCK	PCINT5		
12	D12	PB4	MISO	PCINT4		
11	D11	PB3	PWM	MOSI	PCINT3	OC2A
10	D10	PB2	PWM	SS	PCINT2	OC1B

Bottom right:

A5	A5/D19	PC5	ADC5	SCL	PCINT13	
A4	A4/D18	PC4	ADC4	SDA	PCINT12	

ANTENNA

Board labels: ST3, LD1, IC, IC3, IC2, RST, VCC, C15, Q2, 3, 7, 8, 9, 13, 12, 11, 10, IC1, ANT

Power

RAW: 4-14.5V

VCC: 3.3V

Maximum current: 250mA@5V

ASKSIN++ Specials:

Status LED (D4)

Config. Button (D8)

Antenna -> ~83mm Wire

BI-Protect: IC4 e.g. 2,32V

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