## Name Power PWM I2C/SPI/UART Control Ext. Int Arduino IDE Port Timer/Misc

## Arduino-Pro-Mini-RF

with OnBoard TI-CC1101 and 868MHz RF-Frontend

DTR	NCC	GND	GND	
-----	-----	-----	-----	--

			PCINT17	TXD	PD1	D1	TXO
			PCINT16	RXD	PD0	D0	RXI
			PCINT14	PC6	Reset	RST	
							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
	B.I. Load	OC1A	PCINT1	PWM	PB1	D9	9

C15	RAW	RAW				
lr <sub>2</sub> O	GND	GND				
RST IC3	RST	Reset	PC6	PCINT14		
Q UCC	VCC	VCC				
Q2	А3	A3/D17	PC3	ADC3	PCINT11	
3.4	A2	A2/D16	PC2	ADC2	PCINT10	
	A1	A1/D15	PC1	ACD1	PCINT9	
	A0	A0/D14	PC0	ACD0	PCINT8	
[C1] IC1 13 (O	13	D13	PB5	SCK	PCINT5	
07 11 12 0	12	D12	PB4	MISO	PCINT4	
<b>○</b> 8 • • • • • • • • • • • • • • • • • • •	11	D11	PB3	PWM	MOSI	PCINT3
● 9 • ● ANT • • 10 ●	10	D10	PB2	PWM	SS	PCINT2



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

Power:

RAW: 4-14.5V VCC: 3.3V

Maximum current: 250mA@5V

Clocking:

8MHz external resonator or

internal RC- oscillator

ATmega328P-MU

Absolute maxiumum VCC: 6V Maximum current for chip: 200mA Maximum current per pin: 40mA Recommended current per pin: 20mA Flash Program Memory: 32kB

EEPROM: 1kB Internal SRAM: 2kB ADC: 10-bit PWM: 8-bit ASKSIN++ Specials: Status LED (D4) Config. Button (D8) B.I. measure under load (D9/A6)

Antenna -> ~83mm Wire BI-Protect: IC4 e.g. 2,32V by Asselhead

30.09.2020

OC2A OC1B

