

Atmega 328 Pins

IC Pin	Pro Mini Pin	Port	Function	Ownership
1	18	PD3 / OC2B	TICK output (debug)	lin_decoder
2	19	PD4		
3	11, 16	GND	GND	hardware
4	9	VCC	+5V	hardware
5	11, 16	GND	GND	hardware
6	9	VCC	+5V	hardware
7		PB6		
8		PB7		
9	20	PD5	BUZZER output	main
10	21	PD6		
11	22	PD7	STATUS LED output	main
12	23	PB0	FRAME LED output	main
13	24	PB1	ERROR LED output	main
14	1	PB2 / OC1B		
15	2	PB3 / MOSI	MOSI / LIN_ERROR (debug)	lin_decoder
16	3	PB4 / MISO	MISO / LIN_SAMPLE (debug)	lin_decoder
17	4	PB5 / SCK	SCK / LED	
18		AVCC		
19		ADC6		
20		AREF		
21	11, 16	GND	GND	hardware
22		ADC7		
23	5	PC0	LIN_BREAK output (debug)	lin_decoder
24	6	PC1		

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IC Pin	Pro Mini Pin	Port	Function	Ownership
25	7	PC2		
26	8	PC3	LIN_ISR output (debug)	lin_decoder
27		PC4		
28		PC5		
29	10, 15	PC6 / RESET	RESET	hardware
30	14	PD0 / RXI	SERIAL RX Input (115,200)	passive_serial
31	13	PD1 / TXO	SERIAL TX output (115,200)	passive_serial
32	17	PD2	LIN1_IN	lin_decoder