



U4  
ATMEGA328P-AU

VCC	(PCINT0/CLK0/ICP1)PB0	12	D8
VCC	(PCINT1/OC1A)PB1	13	D9
VCC	(PCINT2/OC1B/SS)PB2	14	D10
AVCC	(PCINT3/OC2A/MOSI)PB3	15	D11_MOSI
	(PCINT4/MISO)PB4	16	D12_MISO
	(PCINT5/SCK)PB5	17	D13_SCK
AREF	(PCINT6/XTAL1/TOSC1)PB6	7	AVR_XTAL1
	(PCINT7/XTAL2/TOSC2)PB7	8	AVR_XTAL2
	(PCINT8/ADC0)PC0	23	A0
	(PCINT9/ADC1)PC1	24	A1
	(PCINT10/ADC2)PC2	25	A2
	(PCINT11/ADC3)PC3	26	A3
	(PCINT12/SDA/ADC4)PC4	27	A4
	(PCINT13/SCL/ADC5)PC5	28	A5
ADC6	(PCINT14/RESET)PC6	29	AVR_RST
ADC7			
	(PCINT16/RXD)PD0	30	AVR_RX
	(PCINT17/TXD)PD1	31	AVR_TX
	(PCINT18/INT0)PD2	32	D2
	(PCINT19/OC2B/INT1)PD3	1	D3
	(PCINT20/XCK/T0)PD4	2	D4
	(PCINT21/OC0B/T1)PD5	9	D5
	(PCINT22/OC0A/AIN0)PD6	10	D6
	(PCINT23/AIN1)PD7	11	D7

J9  
X1

SC_RELAY1	1	14	SC_RELAY2
SC_DIR_X	2	15	SC_RELAY3
SC_STEP_X	3	16	
SC_DIR_Y	4	17	
SC_STEP_Y	5	18	
SC_DIR_Z	6	19	
SC_STEP_Z	7	20	
SC_DIR_4	8	21	
SC_STEP_4	9	22	
SC_LENGTH	10	23	
SC_STOP	11	24	
SC_REF_XYZ	12	25	
SC_REF_4	13	26	SC_VCC_5V

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