



**UART**

**LED PIN 3**

**MICROCONTROLLER CENTER**

**HEADER ICSP**

**POWER**

**SHIELD UNO**

**HEADER VARIABLE**

**HEADER SERVO**

**HEADER SENSOR**

**BUTTON RESET**

**BUTTON PIN 2**

**HEADER DHT**

U2 ATMEGA328P-AU

4	VCC	(PCINT0/CLK0/ICP1)PB0	12	PB0	X
6	VCC	(PCINT1/OC1A)PB1	13	PB1	X
18	AVCC	(PCINT2/OC1B/5S)PB2	14	PB2	X
		(PCINT3/OC2A/MOSI)PB3	15	PB3	X
		(PCINT4/MISO)PB4	16	PB4	X
		(PCINT5/SCK)PB5	17	PB5	X
		(PCINT6/XTAL1/TOSC1)PB6	7	PB6	X
		(PCINT7/XTAL2/TOSC2)PB7	8	PB7	X
		(PCINT8/ADC0)PC0	23	PC0	X
		(PCINT9/ADC1)PC1	24	PC1	X
		(PCINT10/ADC2)PC2	25	PC2	X
		(PCINT11/ADC3)PC3	26	PC3	X
		(PCINT12/SDA/ADC4)PC4	27	PC4	X
		(PCINT13/SCL/ADC5)PC5	27	PC5	X
		(PCINT14/RESET)PC6	29	PC6/RESET	X
		(PCINT16/RXD)PD0	30	PD0/RXD	X
		(PCINT17/TXD)PD1	31	PD1/TXD	X
		(PCINT18/INT0)PD2	32	PD2	X
		(PCINT19/OC2B/INT1)PD3	1	PD3	X
		(PCINT20/XCK/T0)PD4	2	PD4	X
		(PCINT21/OC0B/T1)PD5	9	PD5	X
		(PCINT22/OC0A/AIN0)PD6	10	PD6	X
		(PCINT23/AIN1)PD7	11	PD7	X
19	ADC6				
22	ADC7				

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