





Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Cap np 1pF - 472pF	C1, C2, C5	C0805	CN1	3
22pF	Cap np 1pF - 472pF	C3, C4, C9, C10	C0603	CN1	4
104	Cap np 104 => 105pF	C6, C7, C8, C12	C0805	CN2	4
4.7uF	Cap P 0,1uF < 22uF , 16 - 50V	C11	C1210	CP1	1
SS14	Diode 1A	D1	SS14	D1A	1
3V6	Diode Zenner	D2, D3	1N5226	DZ	2
ISP	Header 5 (Green)	ISP1, J9	Header_5	Hed5	2
PORTB	Header 6	J1	Header_6	Hed6	1
PORTC	Hedear 8	J2	Header_8	Hed8	1
PORTD	Header 10	J3	Header_10	Hed10	1
Serial	Header 2 (Green)	J4, J11	Header_2	Hed2	2
POWER	Header 4 (Green)	J5	Header_4	Hed4	1
PB0	Header 2 (Green)	J6	Header_2	Hed2	1
PB1	Header 2 (Green)	J7	Header_2	Hed2	1
Update	Header 2 (Green)	J8	Header_2	Hed2	1
Speed	Header 2 (Green)	J10	Header_2	Hed2	1
5VDC	Header 2 (Green)	J12	Header_2	Hed2	1
RED	LED Single colour Green and Red	LED1, LED3, LED5	Led 0805R	LED	3
GREEN	LED Single colour Green and Red	LED2, LED4	Led 0805G	LED	2
Res2	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17	RESC2012(0805)	Res2	17
RESET	Switch button 2 pin	SW1	BUTTON 2PIN TRON	SW2	1
PD2	Switch button 2 pin	SW2	BUTTON 2PIN TRON	SW2	1
ATmega8/48/88/168/328	8-Bit AVR Microcontroller with 8K Bytes of In-System Programmable Flash Memory	U1	SOCKET_28	ATmega8-L	1
ATmega8-SMD	High-performance, Low power Atmel ® AVR ® 8-bit Microcontroller	U2	ATMEGA_8_SMD	ATmega8_SMD_32pin	1
USB_MINI		USB1	USBMNIB	USB_MINI	1
12Mhz	Crystal For all Crystal 2p	X1, X2	CRYSTAL	XT2	2