



Comment	Description	Designator	Footprint	LibRef	Quantity
JP7x2	WR-PHD 2.54 mm Dual Socket Header	C1, C4	JP7-C2T	JP7x2	2
104	Cap SMD	C2, C3, C10	CN-SMD-0805	CM	3
JP10x2	WR-PHD 2.54 mm Dual Socket Header	C5, C6	JP10-C2T	JP10x2	2
103	Cap SMD	C7	CN-SMD-0805	CM	1
105	Cap SMD	C8	CN-SMD-0805	CM	1
JP10x2	WR-PHD 2.54 mm Dual Socket Header	C?9	JP10-D2T	JP10x2	1
F1A	Fuse	F1	SM-RES-1206	Fuse	1
CH551G		IC1	SOP16	[MCU] CH551G	1
N76	Core - TI 8051 processor - Max frequency up to16 MHz - Wide operating voltage: 2.4V to 5.5V - Temperature range: - 40°C to 105°C Memory - 18 KB of Flash memory - 1 KB of SRAM - Supports configurable Data Flash - Supports program update by: ISP (In-System Programming) ICP (In-Circuit Programming) IAP (In-Application Programming) PWM Up to 6-ch PWM - Programmable dead- zone generator ADC - 12-bit 8-ch ADC - Runs up to 500 kSPS Connectivity - Two UARTs up to 115200 bps - One SPI up to 8	IC2	TSSOP20	[MCU] N76E003	1
USB-5		J1	USB-M4	USB-5	1
LED		LED1, PW1	LED-0805-Green	LED SMD	2
LED		LED2	LED-0805-Red	LED SMD	1
LED		LED3	LED-0805-Blue	LED SMD	1
330	Resistor	PWR, R1, R3, R4	RES-SMD-0805	Res-SMD	4
10K	Resistor	R2, R5, R6	RES-SMD-0805	Res-SMD	3
SW	Switch button 2 pin	SW1, SW2, SW3, SW4	SW1-SMD	SW2	4