

Reference	Package	Quantity	Value	Option	Notes
C1,C2	0805_2012Metric	2	30pF	CH340G	ceramic/MLCC NPO – Populate only for CH340G
C3	0805_2012Metric	1	10uF		ceramic/MLC 16V
C4,C5	0805_2012Metric	2	100nF		ceramic/MLC
F1	1206_3216Metric	1	MF-NSMF050		polyfuse 500mA
J1	JST_XH_B2B-XH-A_1x02_P2.50mm_Verical	1	AUX_P		
J2	pin_socket_8-90	1	SERIAL		
J3	HRO-TYPE-C-31-M-12	1	USB-C		
LD1	0805_2012Metric	1	TX		Red led
LD2	0805_2012Metric	1	RX		Red led
LD3	0805_2012Metric	1	POWER		Green led
R2,R1	0805_2012Metric	2	5k1		
R3,R4	0805_2012Metric	2	1k		
R5	0805_2012Metric	1	560		
U1	SOIC-16_3.9x9.9mm_P1.27mm	1	CH340C/CH340G		
Y1	Crystal_HC49-4H_Verical	1	12MHz	CH340G	Populate only for CH340G
Z2,Z1,Z3	0603_1608Metric	3	CG0603MLC-05E		ESD

All resistors 5% toll. unless stated otherwise.
 All capacitors 50V rated unless stated otherwise.
 Jumpers not listed.