

Qty	Value	Package	Parts
1	6pin female header	2.54mm	PC
7	1k	R0603	R2, R3, R5, R6, R7, R8, R9
3	3pin 2.0 switch	2.0mm	3V3_VCC_5V,M_RST_A,EXT_PWR_USB
2	10k	R0603	R1, R4
1	10u	C0805	C7
7	100n	C0603	C2, C3, C4, C5, C6, C9, C11
2	100u	SANYO	C1, C10
1	ATMEGA168-20AU	QFN32	U1
3	8pin female header	2.54mm	PB, PD, POWER
2	2*3 male header	2.54mm	ICSP, UART
1	DIODE1210	DIODE1210	D6
1	FT232RL	FT232RL	U2
1	FUSE_500mA_2512	2512	F1
2	GREEN	LED0805	L, PWR
5	RED	LED0805	RST, RX, TX
1	AMS1117-5.0	TO-252	U3
1	mini USB header	MINI_USB2	J1
1	PWR2P_2.54	PWR2P_2.54	EX_PWR
1	4pin button	BTN_S	RESET
1	16MHz Crystal	XTAL_NC	X1
1	4.7u(reserve)	C_TANT_S	C8
1	10n(drop it)	C0603	C12