

## Rhino Mega 2560 Rev.A BILL OF MATERIALS (1/1)

No.	Designator	Qty.	Value	Part Name	Manuf.	Description
1	C1, C2	2	47uF/25V	CS1E470M-CRE54	Semtech	
2	C3, C4	2	0.1uF/50V	CC0603KRX7R9BB104	Yageo	
3	C5	1	22pF	CC0402JRNPO9BN220	Yageo	
4	C6, C7, C8, C9, C10, CP1, CP2, CP3, CP4, CP5	10	0.1uF	CC0402KRX7R8BB104	Yageo	
5	C11	1	1uF	CC0603KRX7R8BB105	Yageo	
6	CN1	1	3x2M	P125-1203A0BS116A2	Yxcon	
7	CN2	1	10x1F	F185-1110A1BSYC1	Yxcon	
8	CN3	1	-	10118193-0001LF	FCI	microUSB
9	CN4, CN5	2	8x1F	F185-1108A1BSYC1	Yxcon	
10	CN6	1	6x1F	F185-1106A1BSYA3	Yxcon	
11	D1	1	-	1N4007	JCET	
12	D2	1	-	CD1206-S01575	Bourns	
13	F1	1	-	MF-MSMF050-2	Bourns	500mA
14	J1	1	-	DC-044	-	
15	JP1, JP2, R13	3	0-Ohm	RC0603JR-070RL	Yageo	Jumper
16	L1	1	-	BLM21PG331SN1D	Murata	
17	LED1	1	-	19-217-G7C-AN1P2-3T	Everlight	Green
18	LED2, LED3, LED4	3	-	19-217-Y5C-AM1N1VY-3T	Everlight	Yellow
19	Q1	1	-	FDN340P	Fairchild	
20	R1, R2, R7, R8	4	4.7k	RC0402JR-074K7L	Yageo	
21	R3, R4, R5, R16, R17	5	10k	RC0402FR-0710KL	Yageo	
22	R6	1	1M	RC0402FR-071ML	Yageo	
23	R9, R10	2	22	RC0402FR-0722RL	Yageo	
24	R11, R14, R15	3	1k	RC0402JR-071KL	Yageo	
25	R12, SJ1	-	-	-	-	Jumper
26	SW1	1	-	TS-1101F	Best Elec	
27	U1	1	-	CJT1117-5.0	JCET	5V/1A
28	U2	1	-	LMV358IDGKR	TI	
29	U3	1	-	ATMEGA2560-16AU	Atmel	
30	U4	1	-	FT232RL	FTDI	
31	U5	1	-	LP2985-33DBVR	TI	3.3V/150mA
32	X1	1	16MHz	CSTCE16M0V53-R0	Murata	Ceramic
33	Z1, Z2	2	-	CG0603MLC-05E	Bourns	