Dual	n - 1 -	\ / -	 - ~	1	1

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Step	Qty	Reference(s)	Value	Notes					
		C1, C5, C6, C14, C15, C17, C23,							
1	9	C29, C30	10u	0805					
	C2, C8, C9, C10, C13, C20, C24,								
2	10	C25, C26, C28	100n	0805					
3	4	C3, C7, C19, C21	470p	0805					
4	6	C4, C16, C18, C22, C31, C33	4u7	0805					
5	2	C11, C27	2n2	0805					
6	2	C12, C34	1u	0805					
7	6	C32, C35, C36, C37, C38, C39	100n	0805					
8 24		R2, R6, R9, R10, R13, R14, R15,							
	2.4	R17, R18, R20, R21, R25, R26,							
	24	R29, R30, R31, R33, R34, R35,							
		R36, R45, R46, R47, R48	10k	0805					
		R11, R12, R22, R23, R27, R28,							
9 10	10	R37, R38, R49, R58	47k	0805					
				bridge with solder or bit					
10 2	R56, R57		of wire. Or the LED legs						
	,	OR	clipping.						
11	6	R1, R7, R16, R19, R39, R40	15k	0805					
12	4	R3, R4, R5, R24	1k	0805					
13	6	R8, R32, R41, R50, R54, R55	100k	0805					
14	6	R42, R43, R44, R51, R52, R53	30k	0805					
15 2	, , , , , , , , , , , , , , , , , , , ,		reverse power						
			protection optional,						
	D1, D4		could jumper these with						
		1N4001 or	wire instead of series						
			1N5819	diode drop	DO-41				
				if using keyed header,					
16 1	1	Power Header		double check					
	_		Conn 02x05	orientation for +/-					
17	2	U4, U5	TL074	triple check orientation	SOIC-14_3.9x8.7mm_P1.27mm				
18	1	U6	TL072	triple check orientation	SOIC-8_3.9x4.9mm_P1.27mm				
19	2	U1, U3	PT2399	triple check orientation	SOIC-16_3.9x9.9mm_P1.27mm				
				when looking from the					
20 1				power header, dot is on					
			left and +5 on right.						
	U2	L7805 or	Logo faces you. LM7805						
			Recom R-	drawn on PCB with tab					
		78E5.0-0.5	up.	TO-220					
	insert and align faceplate elements before soldering steps 21-24								
		RV1, RV2, RV3, RV4, RV5, RV6,							
21	8	RV7, RV8	B100K		Alpha_RD901F-40-00D				
		,							
22 2				check LED orientation.					
	2	D2, D3		Colors optional: changes					
			3mm LED	tone of overload					
			J	doesn't need a lot of					
23	1	SW1	SW_DPDT	solder	6-pin				
24	5	Jacks		switching jacks	PJ-3001F				
۷٦	<u>, </u>	Jucks	HOHRICOHII	Switching Jacks	1, 2, 2001,				

power cable screws and washers knobs