

Resistors					
470R 3W	R3			minimum wattage 3w, however for large consumption use 5w ceramic	
47K 3W	R5			minimum wattage 3w, however if you need to adjust for lower output voltage 5-10 watt is recommended.	
68K 3W	R9				
1/4 watt resistor					
240R	R10				
1k	R13				
2k4	R12				
150R	R1				
1k2	R3				
Diodes					
1n4004	D12-15,5,17,16				
1N4007	D6-9,10				
1N5377	D11				
monolithic			LS		
0.1uF/1000v	C18, 16		2.5mm		
film					
0.1uF	C5,6		2.5mm		
1uF	C14		22.5mm		
Electrolytics					
1000uF/35	C15,19		5mm		
100uF/35	C17		2.5mm		
1000uF/25v	C1-4,7,8		5mm		
47uF/450v	C9-12,13		5mm	OMIT C9 ON ALL BUILDS	
Regulators					
TL783	U1				
LM317	U2				
LM338T	IC1				
Trimmer					
1k	R2				
5k	R11				
Heat sink					
32mm lenght minimum for U1				MUST USE TO-220 ISOLATION PADS!!!!!! OTHERWISE REGULATORS WILL FAIL.	
18mm length					
Screw terminal					
2pin	8pcs		5.08mm		
3pin	1pc		5.08mm		
LED					

2mm 3v	3pcs						
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