

Component Label	Part:	Label:	Sub - block	Spec			
C1	0.01 MF		LPF				
C2	1 µF						
C3	0.22 µF						
C4	0.22 µF						
C5	0.1 uF capacitor	Instrument amplifier out	Vdd				
C6	10 µF	(+) ground	PWM	10 µF			
C7 (skipped #label)							
C8	0.1 uF capacitor	LowPassFilter Out	Vss				
C9	1 µF		DC Block	polarity matters! short leg towards EEG design letters			
C10	10 µF						
R1	500k Ω, 0.1%						
R2	500k Ω, 5%			50k Ω, 0.1%			
R3	50k Ω, 5%			50k Ω, 0.1%			
R4	50k Ω, 5%			50k Ω, 0.1%			
R5	1M Ω, 5%		DC Block	1M Ω, 1%			
R6	100k Ω		LPF				
R7	5k POT		LPF				
R8	500k Ω, 5%			500k Ω, .1%			
R9	50k Ω, 5%			500k Ω, .1%			
R10	10 Ω						
R11	20k Ω, 5%			20k Ω, .1%			
R12	240k Ω, 5%			247k Ω, .1%			
R13	20k Ω, 5%			20k Ω, .1%			
R14	240k Ω, 5%			247k Ω, .1%			
R15	10 Ω, 5%			10 Ω, .1%			
R16	10 MΩ, 5%						
R17	1k		Whole circuit				
R18	20k Ω, 5%			20k Ω, .1%			
R19							
R20							
R21	10k Ω		PWM				
R22	20k Ω, 5%			20k Ω, .1%			
R23	10 Ω, 5%						
R24	10k Ω POT		Instrument AMP				
R25	10 Ω, 5%						
J1	80 PIN						
J2	Battery headers						
J3	Battery headers						
J4	80 PIN						
J5	80 PIN						
J6	80 PIN						
J7	80 PIN						
J8	80 PIN						
J9	80 PIN						
J10	80 PIN						
J11							
J12							
U1	DIP SOCKETS 8 CHAN						
U2	DIP SOCKETS 8 CHAN						
U3	DIP SOCKETS 8 CHAN						
U4	LM7805 +5V REG						
U5	DIP SOCKETS 8 CHAN						
U6	LM7805 -5V REG						

SWAG	LED Light						
ON	LED Light						