



# Bill of Materials

Bill of Materials for Project [Linear power supply.PrjPcb] (No PCB Document Selected)

Source Data From: Linear power supply.PrjPcb  
 Project: Linear power supply.PrjPcb  
 Variant: None

Creation Date: 2/27/2023 9:15 PM  
 Print Date: 27-Feb-23 9:16:36 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPR5-4X5	Cap2	Cap2	C1, C2, C3, C4, C4I, C5	Capacitor	6
DIOAD1060W	1N4740A	1N4740A	D1, D4	DO-204AL (DO-41), 1000mW, 5%, Zener Diode	2
70L435D230	1N4007G	1N4007G	D2, D3	1A, 1000V, Standard Recovery Rectifier	2
DIOAD1036W	Plug	Plug	FAN(-), FAN(+), IN(-), IN(+), OUT(-), OUT(+)	Plug	6
78L470D235	LM7812CT	LM7812CT	FAN, Opamp	Linear Voltage Regulator IC Positive Fixed 1 Output 1A TO-220-3	2
PIN1	LED1	LED1	LED1, LED2	Typical RED GaAs LED	2
TO253P1057	IRF3205	IRF3205	M1	N-Channel 55V 110A (Tc) 200W (Tc) Through Hole TO-220AB	1
X470X2040-3	LM741CN/NOPB	LM741CN/NOPB	OPAMP	Single 44V 1MHz operational amplifier 8-PDIP 0 to 70	1
LED-1	ss	1825910-2	Push button?	50 mA SPST Round Actuator 160 Gram Force Tactile Pushbutton Switch	1
TO254P1041	Res1	Res1	R1, R2, R3, R5, R6, R7	Resistor	6
X444X2933-3	R4	Res1	R4	Resistor	1
DIP794W45P	R8	Res1	R9	Resistor	1
254L959H508	SRD-12VDC-SL-C	SRD-12VDC-SL-C	relay	General Purpose Non Latching 12VDC SPDT Through Hole Relays RoHS	1
Q8	MJE2955	MJE2955	T1	TRANS PNP 60V 10A TO220AB	1
TE_1825910-2	BC547	BC547	T2	Trans GP BJT NPN 45V 0.1A 500mW 3-Pin TO-92 T/R	1
AXIAL-0.3					
AXIAL-0.3					
AXIAL-0.3					
RELAY_SRD-12VDC-SL-C					
TO254P1010					
X470X2933-3					
TO92					

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Approved	Notes