

Partlist 200wt strd ver1.2 dc prtc long

Qty	Value	Package	Parts
1/4wt resistor			
2	1	0207/7	R21, R22
1	47r	0207/10	R30
2	1k	0207/7	R23, R24
1	2k2	0207/7	R9
1	22k	0207/7	R25
1	47k	0207/7	R26
1/2wt resistor			
4	220	0309/10	R16,R17,R19,
2wt resistor			
2	2k2 2wt	P0613/15	R2, R3
smd resistor			
1	470	R0805	R13
4	1k	R0805	R4, R6, R15,
2	2k2	R0805	R7, R11
2	4k7	R0805	R27, R34
3	15k	R0805	R28,R29,R32
1	22k	R0805	R14
1	33k	R0805	R5
2	47k	R0805	R1, R33
1	56k	R0805	R8
2	100k	R0805	R12, R31
1	10m	R0805	R10
smd capacitor			
1	820pf	C0805K	C14
8	100n	C1206K	C11, C12
Through hole non polar capacitor			
1	100n 100vlts	C102-064X133	C13
1	470n	C1206K	C8
1	680n 250v	C10B6	C17
1	680n 250vlts	C225-074X268	C1
Through hole polarized capacitor			
2	100uf 63vlts	E2,5-6	C15, C16
2	220uf 10v	E2,5-6	C9, C10
1	330uf 16vlts	E2,5-6	C18
2	220uf 50v	E3,5-10	C6, C7
4	2200uf 50v	E5-13	C2,C3,C4,C5
Through hole diodes			
2	5v1 zeener	DO34Z7	D1, D2
2	12v zeener	DO34Z7	D3, D4
1	green	LED5MM	LED1
smd diodes			
5	1n4148	MINIMELF	D5 - D9
ic			
1	TL074D	SO14	IC1
Transistors			
1	BD139	TO126AV	Q3
1	IRF540	TO220 h	Q2
1	IRF9540	TO220 h	Q1
1	bc 327	TO92-CBE	T6
1	bc 337	TO92-CBE	T3
5	mmbt 5551	SOT23-BEC	T1,T5,T7,T8,
3	mmbt 5401	SOT23-BEC	T2, T4, T9
Fuse & fuse holder			
2	15 amps	SHK22L	F1, F2
relay			
1	12-24v 12amps	G5LE	K1
inductor			
1	30uh	ED38	L1