

YauDL 1.00 – part list

Part	Identifier	
BZX84C-5V6, Zener diode, SOT23	DZ1, DZ2	
LM2904 dual opamp, SO-8	U2	
TS2940, 5V low drop regulator, SOT223	U1	
LED, 0805	D1	
0R resistor, 0603	RGND1	
100R resistor, 0805	R3, R4	
470R resistor, 0603	RLED1	
10k resistor, 0805	R1, R5	
100k resistor, 0805	R2	
100nF ceramic capacitor, 0805	C3, C4	
10 μ F TANTALUM capacitor, 1206	C1, C2	
10 μ F ceramic capacitor, 1206	C5, C6, C7	Do not populate C5
1k resistor, 0603		For stable operation of U1

Part	Identifier	
IRL3803, N-CH MOSFET, TO-220	Q1, Q2	In the bag(s)
MBR1045, Schottky diode, 45V, 10A, TO-220	DS1	"
Vishay 534 20k 10-turn potentiometer	RV2	"
Vishay Spectrol 64P-104, 100k 25-turn trimmer	RV1	"
100mOhm power resistor, 5W, Vitrohm KH208-8	PR1, PR2	"
10k resistor, through-hole, 0.1%	R7	"
30k resistor, through-hole, 0.1%	R6	"
metal hex stand-off, 25mm, M3 mounting hole	MH1, MH2, MH3, MH4	"
9V battery clip with leads	BT1	"
binding post, 4mm banana, M4 mounting hole	T1, T2, T3, T4	"
heatsink + TO-220 clips, Alutronic PR127/94/M3	HS1	"
board-edge on/off switch, SPDT, ECE ESP2010	SW1	"
header 4pin	P1	"
header, male 3pin	JP1	"
jumper	JP1	"