

## **YauDL – part list**

Part	Identifier
BZX84C-5V1, 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
10µF TANTALUM capacitor, 1206	C1, C2
10µF ceramic capacitor, 1206	C5, C6, C7

Part	Identifier	In the bag(s)
IRL3803, N-CH MOSFET, TO-220	Q1, Q2	"
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	"