



Comment	Description	Designator	Footprint	LibRef	Quantity
A0	Connector	A0_ip	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
3KBP04M-E4_51	Bridge Rectifier	BR?	TO385P508X1473X1168-4P	3KBP04M-E4_51	1
BKME500ELL100MF11D	Capacitor Polarised	C1, C2	CAPPRD250W50D680H1250	BKME500ELL100MF11D	2
12v	Typical INFRARED GaAs LED	D1	LED-0	LED0	1
1.5KE68CA-T	Diode	D?	DIOAD2902W106L900D500	1.5KE68CA-T	1
5v	Typical INFRARED GaAs LED	D?, D2, D3	LED-0	LED0	4
d_io	Connector	d_io	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
i2c	Connector	i2c	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
ams1117-3.3v	Integrated Circuit	IC1	SOT229P700X180-4N	ams1117-3.3v	1
ULN2003A	Integrated Circuit	IC?	DIP794W56P254L1918H533Q16N	ULN2003A	1
io	Connector	io?	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
PJ-102B		J1	*CUI_PJ-102B	PJ-102B	1
ip_vlts	Connector	J2	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
gnd	Connector	J3	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
5v	Connector	J4	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
0022032041	Connector	J?	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1
0476618	Relay or Contactor	K?	0476618	0476618	1
254-15210-ROX	Loudspeaker or Buzzer	LS?	25415210ROX	254-15210-ROX	1
NodeMCU V1.0 ESP-12E	NodeMCU V1.0 ESP8266 (ESP-12E)	NodeMCU-1	NodeMCU V1.0 ESP-12E	NodeMCU V1.0 ESP-12E	1
Res1	Resistor	R?	AXIAL-0.3	Res1	10
MRS25000C1000FCT00	Resistor	R?, R1, R2, R3	RESAD1650W60L650D250	MRS25000C1000FCT00	5
4FTH961	Switch	S?	4FTH961	4FTH961	1
UART	Connector	UART	HDRV4W87P0X254_1X4_991X236X1155P	0022032041	1