

Item	RefDes	Value	Name	Pattern	Remark	QTY
1	C1	100uF250V	CAP_100UF/250_16x25	CAPPR-7.5/16.5h27		1
2	C2	47uF50V	CAP_47UF/50_6D11RAD	CAPPR-2.5/6.3h11		1
3	C3	0.1UF	50V 10% 105C X7R MLC	CAP-5.08/9.15x3		1
4	C4	xxx	50V 10% 105C X7R MLC	CAP-5.08/9.15x3	not used	0
5	C5	xxx	CAP_100UF/35_6D11RAD	CAPPR-2.5/6.3h11	not used	0
6	C6	xxx	CAP_100UF/35_6D11RAD	CAPPR-2.5/6.3h11	not used	0
7	C7	xxx	50V 10% 105C X7R MLC	CAP-5.08/9.15x3	not used	0
8	D1	MBRF20200F	DIODE_MBR20200F	TO-220F		1
9	D2	MBRF20200F	DIODE_MBR20200F	TO-220F		1
10	D3	MBRF20200F	DIODE_MBR20200F	TO-220F		1
11	D4	4148	DIODE_1N4148	DO-35S		1
12	D5	4148	DIODE_1N4148	DO-35S		1
13	D6	xxx	DIODE_SR1100	DO-41	not used	0
14	D7	SR1100	DIODE_SR1100	DO-41		1
15	FU1	3517	FUSE-5MM CLIP	FUSE-HDR CLIP 15A	Keystone	2
16	FU1	FUSE-5MM-15A	FUSE, 5MM 15A GLASS	FAST BLOW		1
17	JP1	HD1X2L	HD1X2L (FL-PS VIN)	HDL-1x2T/2.54/KK		1
18	JP2	xxx	HD1X4L (Console Interface)	HDL-1x4T/2.54/KK	not used	0
19	JP3	HD1X4L	HD1X4L (HI-DRV IN)	HDL-1x4T/2.54/KK		1
20	JP4	HD1X2L	HD1X2L (LEVEL POT)	HDL-1x2T/2.54/KK		1
21	JP5	xxx	HD1X4L (FL-DMM)	HDL-1x4T/2.54/KK	not used	0
22	JP6	xxx	HD1X2L (FL-PS OPT)	HDL-1x2T/2.54/KK	not used	0
23	JP7	xxx	HD1X3L (Gate-HI OUT)	HDL-1x3T/2.54/KK	not used	0
24	JP8	xxx	HD1X4L (LO-DRV IN)	HDL-1x4T/2.54/KK	not used	0
25	JP9	xxx	HD1X2L (EDM_ON-)	HDL-1x2T/2.54/KK	not used	0
26	LED1	HD1x3	HD1x3	LED_3MM-RG Port		1
27	P1	3.5MM	PS+ PORT-3.5MM	3.5MM BULLET ESC		1
28	P2	3.5MM	RS+ PORT-3.5MM	3.5MM BULLET ESC		1
29	P3	3.5MM	RS- PORT-3.5MM	3.5MM BULLET ESC		1
30	P4	3.5MM	RD1 PORT-3.5MM	3.5MM BULLET ESC		1
31	P5	3.5MM	L1 PORT-3.5MM	3.5MM BULLET ESC		1
32	P6	3.5MM	L2 PORT-3.5MM	3.5MM BULLET ESC		1
33	P7	3.5MM	RD2 PORT-3.5MM	3.5MM BULLET ESC		1
34	P8	3.5MM	PB PORT-3.5MM	3.5MM BULLET ESC		1
35	P9	xxx	CS+ PORT-3.5MM	3.5MM BULLET ESC	not used	0
36	P10	xxx	CS- PORT-3.5MM	3.5MM BULLET ESC	not used	0
37	P11	3.5MM	PS- PORT-3.5MM	3.5MM BULLET ESC		1
38	Q1	IRFP460	NMOS_IRFP460 500V 20A	TO-247	Thermal Pad Req'd	1
39	Q2	IRF840	NMOS_IRF840	TO-220V/HS	Philips-NXP	1
40	Q2	TO220-HS	TO220-HS	12x15x10mm M3 Thread		1
41	R1	4.7K	RES400	RES-1/4W-MF		1
42	R2	220-1W	RES_1W	RES-1W-MF		1
43	R3	4.7K	RES400	RES-1/4W-MF		1
44	R4	220-1W	RES_1W	RES-1W-MF		1
45	R5	1K	RES400	RES-1/4W-MF		1
46	R6	47	RES400	RES-1/4W-MF		1

[illegible]