





	8	3 7	6	5	4 3 2 1
Γ	Nº	Description	Reference	Quanity	Notation
	1	15uF 50V	C1 C2 C3	3	https://farnell.com/kemet/t495x156k050ate200/cap-15-f-50v-10-2917-smd/dp/1358517
	2	10 μF 35V	C4 C5 C6	3	https://farnell.com/tdk/c2012x5r1v106k085ac/cap-10-f-35v-10-x5r-0805/dp/2528772
	3	MBRS540T3G	D1	1	http://farnell.com/on-semiconductor/mbrs540t3g/diode-schottky-power-40v-5a- smc/dp/2101838
	4	SS14	D2 D3 D4	3	http://farnell.com/multicomp/ss14/diode-schottky-1a-40v/dp/4085159
	5	63849-1	J1 J10 J11 J12 J13 J14 J15 J16 J17 J18 J19 J2 J20 J3 J4 J5 J6 J7 J8 J9	4	http://farnell.com/te-connectivity-amp/63849-1/tab-250-pcb-032tpbr/dp/1772662
	6	MCSD75-470KU	L1 L2 L3	3	http://farnell.com/multicomp/mcsd75-470ku/inductor-47uh-10-smd/dp/1864141
	7	ERJ14BQFR30U	R1 R2 R3	3	https://farnell.com/panasonic/erj14bqfr30u/current-sense-res-0r3-1-500-mw/dp/2797506
	8	AL8860WT-7	U1 U2 U3	3	https://farnell.com/diodes-inc/al8860wt-7/led-driver-buck-1mhz-tsot-25-5/dp/2709525
_	9	ASMG-ST00-00001 - High Brightness LED, Red, Green, Blue, 170°, R 2.2V, G 3.4V, B 3.4V, R 623nm, G 525nm, B 465nm	LED1 LED2 LED3	3	https://farnell.com/broadcom-limited/asmg-st00-00001/led-hb-rgb-55-95- 20lm/dp/2858852RL
	10	0 Omhs 1206	R4 R5 R6	3	https://farnell.com/vishay/wsl120600000zea9/current-sense-res-0r0-250-mw- 1206/dp/1107346
	11		BGA-STD-010 - Heat Sink, For Ball Grid Array, Standard, 27 °C/W, BGA, 13.5 mm, 10 mm, 13 mm	3	https://farnell.com/abl-heatsinks/bga-std-010/heat-sink-bga-standard-27-c-w/dp/2084424
	12	Heat-shrink tubing D:6.0/2.0 (black)		0,1 m	
	13	XT60 Male		1	
	14	Dupont 3-pin		1	
-	15	18 AWG Red+Black	Cummany /nat)	0,3	
L	16	26 AWG 3-wire	Summary (net)	0,3	UNLESS OTHERWISE SPECIFIED: FINISH: DEBURR AND DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: BREAK SHARP SURFACE FINISH: EDGES
					TOLERANCES: LINEAR: ANGULAR: NAME SIGNATURE DATE DRAWN CHI'D TOLERANCES: LINEAR: L
					APPVD MFG Q.A MATERIAL: DWG NO. FireBall-revF_EN
	8	3 7	6	5	WEIGHT: SCALE:2:1 SHEET 4 OF 5 4 3 2 1

