

Qty	Value	Parts	Description	MFG	MPN	DK-PN	NOTES	SMD	THD	Other (mech or DNI)
3	0.1uF	C1, C3, C7	CAP CER 0.1UF 50V 10% X7R 0805	Kemet	C0805C104K5RACTU	399-1170-1-ND			3	
3	22uF	C2, C5, C6	CAP CER 22UF 25V 10% X5R 1210	Murata	GRM32ER61E226KE15L	490-3889-1-ND			3	
1	1800pF	C4	CAP CER 1800PF 50V 10% X7R 0805	AVX Corporation	08055C182KAT2A	478-1374-1-ND			1	
2	1377G12	CN1, CN2	Anderson Powerpole 25A Pin Right Angle Bottom Low Force	Anderson Power	1377G12	879-1377G12 (Mouser)				2
1	SSW-120-01-T-D	CN3	THROUGH-HOLE .025" SQ POST SOCKET	Sullins	SFH11-PBPC-D20-ST-BK	S9200-ND	Solder side mount			1
1	DNI	CN4	Pin Header – Holes Only, Do Not Install	N/A	N/A	N/A	Not Installed			1
1	2A Fast Blow	F1	FUSE GLASS 2A 250VAC 5X20MM	Bel Fuse Inc	5MF 2-R	507-1264-ND	Place in XF1			1
1	220R @ 100MHz, 3A	FB1	FERRITE CHIP 220 OHM 3A 0805	TDK Corporation	MPZ2012S221AT000	445-1568-1-ND			1	
1	10uH	L1	FIXED IND 10UH 10A 16.5 MOHM SMD	Bourns	SRP1265A-100M	SRP1265A-100MCT-ND			1	
1	SI2343CDS	Q1	MOSFET P-CH 30V 5.9A SOT-23	Vishay Siliconix	SI2343CDS-T1-GE3	SI2343CDS-T1-GE3CT-ND			1	
1	10K0	R1	RES SMD 10K OHM 1% 1/8W 0805	Yageo	RC0805FR-0710KL	311-10.0KCRCT-ND			1	
2	52K3	R2, R3	RES SMD 52.3K OHM 1% 1/8W 0805	Yageo	RC0805FR-0752K3L	311-52.3KCRCT-ND			2	
2	SWITCH-MOMENTARY-2SMD-4	SW1, SW2	SWITCH TACTILE SPST-NO 0.05A 24V	Apem	ADTSM61RVTR	679-2381-1-ND			2	
1	AOZ1031A1	U1	IC REG BUCK ADJ 3A SYNC 8SOIC	Alpha & Omega	AOZ1031AI	785-1253-1-ND			1	
1	1327	XCN1	Heavy Duty Power Connectors PP15/45 HOUSING ONLY RED	Anderson Power	1327-BK	879-1327-BK (Mouser)	Ass'y with CN1			1
1	1327BK	XCN2	Heavy Duty Power Connectors PP15/45 HOUSING ONLY BLACK	Anderson Power	1327G6-BK	879-1327G6-BK (Mouser)	Ass'y with CN2			1
1	114555P2	XCN3	Anderson Powerpole Mounting Staple 2x1	Anderson Power	114555P2	879-114555P2 (Mouser)				1
1	FUSE-5X20-HOLDER	XF1	FUSE BLOK CARTRIDGE 300V 10A PCB	Littelfuse	02540101Z	F1471-ND				1
Parts Count									16	5 4