

Item #	Reference Designator	Quantity	Manufacturer	Mfr. Part #	Description	Package	Type
1	U1, U2, U3	3	Texas Instruments	TPS62A06DRLR	Switching Voltage Regulators 2.5-V to 5.5-V input, 6-A high-efficiency step-down converter in SOT-563 package 6-SOT-5X3 -40 to 125	SOT-563-6	SMD/SMT
2	U4	1	Texas Instruments	TLV75718PDRVR	LDO Voltage Regulators 1-A, low-IQ high-accuracy low-dropout (LDO) voltage regulator with enable 6-WSON -40 to 125	WSON-6	SMD/SMT
3	L1, L2	2	Coilcraft	XAL4020-222MEC	Power Inductors - SMD 2.2uH Shld 20% 5.5A 38.7mOhms AECQ2	1616 (4040 metric)	SMD/SMT
4	L3	1	Coilcraft	XAL4020-102MEC	Power Inductors - SMD 1uH Shld 20% 9.6A 14.6mOhms AECQ2	1616 (4040 metric)	SMD/SMT
5	C1 - C15, C17, C18	17	Murata Electronics	GRM21BZ71A226ME15L	Multilayer Ceramic Capacitors MLCC - SMD/SMT 22 uF 10 VDC 20% 0805 X7R	0805 (2012 metric)	SMD/SMT
6	C16, C19	2	Murata Electronics	GCM21BR71A106KE22L	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10 uF 10 VDC 10% 0805 X7R AEC-Q200	0805 (2012 metric)	SMD/SMT
7	R3, R6, R8	3	YAGEO	RP0603BRD0710KL	Thin Film Resistors - SMD 1/10 Wa 10K Ohm 0.1% 0603 AEC-Q200	0603 (1608 metric)	SMD/SMT
8	R1, R2	2	YAGEO	RP0402BRD075K1L	Thin Film Resistors - SMD 1/16Wa 5.1K Ohm 0.1% 0402 AEC-Q200	0402 (1005 metric)	SMD/SMT
9	R4	1	YAGEO	RT0603BRD0773K2L	Thin Film Resistors - SMD 1/10W 73.2K ohm .1% 25ppm	0603 (1608 metric)	SMD/SMT
10	R5	1	YAGEO	RT0603BRE0745K3L	Thin Film Resistors - SMD 45.3 kOhms 50PPM/C 100mW 0603 10%	0603 (1608 metric)	SMD/SMT
11	R7	1	YAGEO	RT0603BRD076K8L	Thin Film Resistors - SMD 1/10W 6.8K ohm .1% 25ppm	0603 (1608 metric)	SMD/SMT
12	J1	1	GCT	USB4125-GF-A	USB Connectors USB C Rec, GF, RA, 6p, SMT, TH stakes, H = 3.16mm, T+R	N/A	SMD/SMT
13	N/A	1	Adafruit	5803	Wall Mount AC Adapters Wall Power Supply with USB C - 5V 4A Output and Switch	N/A	N/A