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Top Side Total 33 parts detected 66 Parts confirmed

Uploaded BOM Data			Review Matched Parts					
Top Designator	Comment	Footprint	Matched Part Detail			Qty	Source	Lib Type
C1,C6	2.2u	C_0603_1608...	CL10A225K08NNNC 16V 2.2uF X5R ±10% 0603 Multilayer Ceramic ...	C23630		10	JLPCPB	Basic
C3,C4	0.01u	C_0805_2012...	CL21B103KBANNNC 50V 10nF X7R ±10% 0805 Multilayer Ceramic ...	C1710		10	JLPCPB	Basic
C10,C11,C12,C1...	22u	C_0603_1608...	CL10A226MQ8NRNC 6.3V 22uF X5R ±20% 0603 Multilayer Ceramic ...	C59461		30	JLPCPB	Basic
C13,C2,C20,C21,...	10u	C_0603_1608...	CL10A106KP8NNNC 10V 10uF X5R ±10% 0603 Multilayer Ceramic ...	C19702		30	JLPCPB	Basic
C15,C7	100n	C_0603_1608...	CC0603KRX7R9BB104 50V 100nF X7R ±10% 0603 Multilayer Ceramic...	C14663		10	JLPCPB	Basic
C16,C9	1u	C_0402_1005...	CL05A105KA5NQNC 25V 1uF X5R ±10% 0402 Multilayer Ceramic C...	C52923		10	JLPCPB	Basic
D1,D2	LED	LED_0805_201...	NCD0805R1 25mA Colorless transparent lens 67mcd~195m...	C84256		10	JLPCPB	Basic
FB1	FerriteBead_...	L0603	GZ1608D601TF 450mΩ ±25% 600Ω@100MHz 0603 Ferrite Be...	C1002		5	JLPCPB	Basic
J1	TYPE-C-31-...	USB-C_SMD-T...	TYPE-C-31-M-12 5A 1 16P Female Type-C SMD USB Connector...	C165948		5	JLPCPB	Extend
L1	1uH	L_0805_2012M...	SDFL2012Q1R0KTF 50mA 1uH ±10% 400mΩ 0805 Inductors (SMD...	C1042		20	JLPCPB	Extend
L2,L3	220n	IND-SMD_L4.5...	NBMC0420HN-R22M 7A 220nH ±20% 14A SMD,4.5x4.1mm Power I...	C2875615		12	JLPCPB	Extend
Q1	SS8050	SOT-23	SS8050(RANGE:200-350) 25V 300mW 200@100mA,1V 1.5A NPN SOT-2...	C2150		5	JLPCPB	Basic
R1,R2,R23,R24,...	1	R_1206_3216...	1206W4F100KT5E 250mW Thick Film Resistors 200V ±800ppm/°C...	C17928		65	JLPCPB	Basic
R10,R11,R27	3.3k	R_0805_2012...	0805W8F3301T5E 125mW Thick Film Resistors 150V ±100ppm/°C...	C26010		15	JLPCPB	Basic
R12,R20	1M	R_0603_1608...	0603WAF1004T5E 100mW Thick Film Resistors 75V ±100ppm/°C ...	C22935		10	JLPCPB	Basic
R13	330k	R_0603_1608...	0603WAF3303T5E 100mW Thick Film Resistors 75V ±100ppm/°C ...	C23137		5	JLPCPB	Basic
R14	560k	R_0603_1608...	0603WAF5603T5E 100mW Thick Film Resistors 75V ±100ppm/°C ...	C23203		20	JLPCPB	Extend
R15,R16	100k	R_1206_3216...	1206W4F1003T5E 250mW Thick Film Resistors 200V ±100ppm/°C...	C17900		10	JLPCPB	Basic
R17,R18	4.7k	R_1206_3216...	1206W4F4701T5E 250mW Thick Film Resistors 200V ±100ppm/°C...	C17936		10	JLPCPB	Basic
R19	75k	R_0805_2012...	0805W8F7502T5E 125mW Thick Film Resistors 150V ±100ppm/°C...	C17819		20	JLPCPB	Extend
R25	5.6k	R_0805_2012...	0805W8F5601T5E 125mW Thick Film Resistors 150V ±100ppm/°C...	C4382		5	JLPCPB	Basic
R26,R36	2.2k	R_0603_1608...	0603WAF2201T5E 100mW Thick Film Resistors 75V ±100ppm/°C ...	C4190		10	JLPCPB	Basic
R28,R29	1k	R_1206_3216...	1206W4F1001T5E 250mW Thick Film Resistors 200V ±1% 1kΩ 1...	C4410		10	JLPCPB	Basic
R30,R31,R32,R3...	0.1	R_1206_3216...	1206W4F100LT5E 250mW Thick Film Resistors 200V ±800ppm/°C...	C25334		25	JLPCPB	Basic
SW1	SS-12D11-G...	SS-12D11-G050	SS-12D11-G050 3A Single Pole Double Throw (SPDT) 250V Bla...	C17179528		5	JLPCPB	Extend
U1	HUSB237	HUSB237-AA0...	HUSB237-AA001-DN06R DFN-6L-EP(2x2) USB PD ROHS	C22373734		9	JLPCPB	Extend
U2	TP4056-42-E...	SOIC127P600...	TP4056-42-ESOP8 ESOP-8 Battery Management ROHS	C16581		5	JLPCPB	Extend
U3,U9	DRV8833PW...	HTSSOP-16-1...	DRV8833PWPR TSSOP-16-EP Stepper Motor Driver ROHS	C50506		10	JLPCPB	Extend
U4	TPS63802DL...	VREG_TPS63...	TPS63802DLAR VSON-10(2x3) DC-DC Converters ROHS	C2845237		5	JLPCPB	Extend
U6	TPS61236P...	CONV_TPS61...	TPS61236PRWLR C130295			5	JLPCPB	Extend

			Boost type Adjustable 2.9V~5.5V 6.5A 2.3V~4....				
U7	INA219AIDR	SOIC127P599...	INA219AIDR C138706 SOIC-8 Current Sense Amplifiers ROHS		5	JLCPCB	Extende
U10,U5	TPS22917D...	SOT95P280X1...	TPS22917DBVR C2681320 0V~5.5V 80mΩ 2A 1 SOT-23-6 Power Distribut...		10	JLCPCB	Extende
U11	AMS1117-5.0	SOT-223_L6.5-...	AMS1117-5.0 C6187 68dB@(120Hz) 1A Fixed 5V Positive electrode ...		5	JLCPCB	Basic

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