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Power Circuitry		
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Title

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A4

Number

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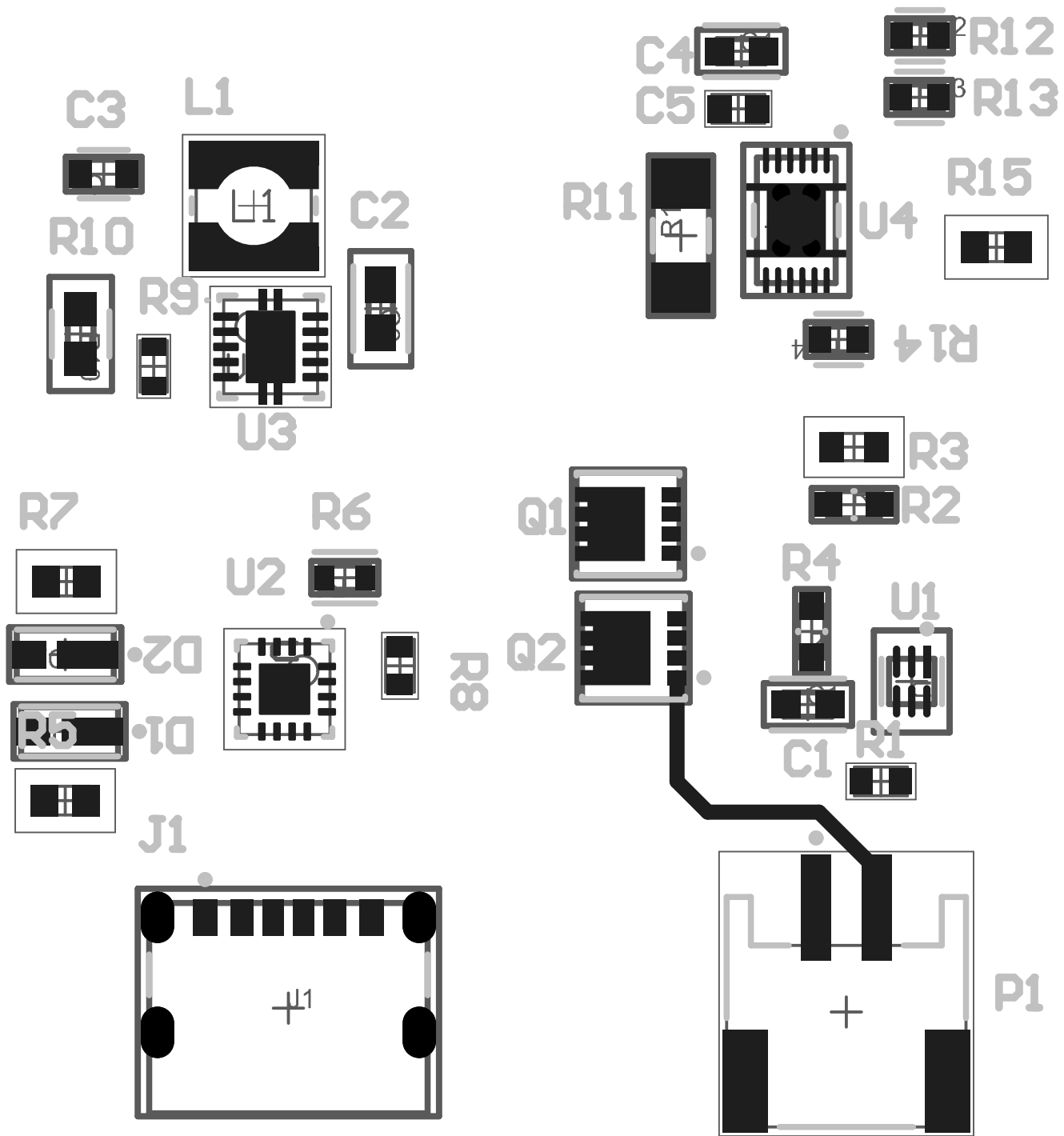
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info	Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
		USB-C	CONN RCPT TYPEC 6P SMD RA	J1		Not managed			1 Global Connector Technology	USB4125-GF-A-0190	Unknown	Digikey	2073-USB4125-GF-A-0190CT-ND	0.81	0.81
		TPS61200DRCT	Boost Voltage Converter with 0.3 to 5.5 V Input and 1.8 to 5.5 V Output, -40 to 85 degC, 10-Pin SON (DRC), Green (RoHS&no Sb/Br)	U3	CMP-0347-00023-2	Released	Up to date		1 Texas Instruments	TPS61200DRCT	Volume Production	Digikey	296-21663-1-ND	2.74	2.74
JST		S2B-PH-SM4-TB(LF)(SN)	Male Header, Pitch 2 mm, 1 x2 Position, Height 5.5 mm, -25 to 85 degC, RoHS, Tape and Reel	P1	CMP-1755-00001-1	Released	Up to date		1 JST	S2BPHSM4TBLFSN	Unknown				
		2.2K	RC0603FR-0722KL, Chip Resistor, 22 KOhm, +/- 1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R3		Not managed			1 Yageo	RC0603FR-0722KL	Volume Production	Digikey	311-22.0KHCT-ND	0.11	0.11
		RC0603FR-0710KL	RES10KOHM1% 1/10W 0603	R6	CMP-2100-03664-2	Released	Up to date		1 Yageo	RC0603FR-0710KL	Volume Production	Digikey	311-10.0KHCT-ND	0.1	0.1
		1M	1MOhm, RC0603UR-071ML, RESSMD 1MOHM5% 1/10W 0603	R2, R4		Not managed			2 Yageo	RC0603FR-071ML	Volume Production	Digikey	311-1.00MHCT-ND	0.012	0.12
		RC0603FR-071ML	Chip Resistor, 1 MOhm, +/- 1%, 100 mW, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R9	CMP-1659-00056-1	Released	Up to date		1 Yageo	RC0603FR-071ML	Volume Production	Digikey	311-1.00MHCT-ND	0.1	0.1
		GRM188R72A104KA35D	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 0.10uF, X7R, 15%, 10%, 100V	C1	CMP-1035-02595-8	New From Design	Up to date		1 Murata	GRM188R72A104KA35D	Volume Production	Digikey	490-3285-1-ND	0.15	0.15
		GRM188R61C475KAJ.D	CAP CER4.7UF 16V X5R 0603	C3	CMP-06035-062935-2	New From Design	Up to date		1 Murata	GRM188R61C475KAJ.D	Not Recommended for New Design				
		GRM188R60J106ME47D	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 6.3V	C2	CMP-2006-02792-2	New From Design	Up to date		1 Murata	GRM188R60J106ME47D	Volume Production	Digikey	490-3896-1-ND	0.1	0.1
		ERJ-3BF3300V	Chip Resistor, 330 Ohm, +/- 1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R1	CMP-2000-00435-2	Released	Up to date		1 Panasonic	ERJ-3BF3300V	Volume Production	Digikey	P330HCT-ND	0.1	0.1
		ERJ-3BF1781V		R8	CMP-2000-00290-1	Released	Up to date		1 Panasonic	ERJ-3BF1781V	Volume Production	Digikey	P1.78KHCT-ND	0.1	0.1
		Protection ICFET	Protection ICFET, MOSFETN-CH 25V/60A8-SON, CSD16406Q3	Q1, Q2		Not managed			2 Texas Instruments	CSD16406Q3	Volume Production	Mouser	595-CSD16406Q3	1.27	2.54
		CRCW0603180KFKEA	REStHick Film, 180kQ, 1%, 0.1W, 100ppm/C, 0603	R10	CMP-2000-02950-2	New From Design	Up to date		1 Vishay	CRCW0603180KFKEA	Volume Production	Digikey	541-180KHCT-ND	0.1	0.1
		CRCW06031K50JNEA		R5, R7	CMP-2000-02997-1	Released	Up to date		2 Vishay Dale	CRCW06031K50JNEA	Volume Production	Digikey	541-1.5KGCT-ND	0.1	0.2
		Protection Ic	Power Supply Support Circuit, Fixed, 1 Channel, PDS06	U1		Not managed			1 Texas Instruments	BQ29701DSER	Volume Production	Digikey	296-39944-1-ND	0.45	0.45
		BQ24072RGTT	USB-Friendly Li-Ion Battery Charger and Power-Path Management IC, Vout 200 mV above Vbat, 4.3 V, -40 to 85 degC, 16-pin QFN (RGT), Green (RoHS&no Sb/Br)	U2	CMP-0321-00226-2	Released	Up to date		1 Texas Instruments	BQ24072RGTT	Volume Production	Digikey	296-23813-1-ND	2.84	2.84
		ASMD-CWG7-NX7D2	ASMD-CWG7-NX7D2 ASMD-CWG7 Rectangle with Flat Top White Cool Surface Mount LED Indication Discrete 2.8V/20mA/2800mcd 120°	D1, D2	CMP-02129-107448438-1	New From Design	Up to date		2 Broadcom	ASMD-CWG7-NX7D2	Volume Production	Digikey	516-ASMD-CWG7-NX7D2CT-ND	0.26	0.52
		744031002		L1	CMP-0227-00365-3	Released	Up to date		1 Wurth Electronics	744031002	Volume Production	Digikey	732-1006-1-ND	1.52	1.52
		0.01Ohm 1W 1206 1%	RES0.01 OHM1% 1W 1206	R11		Unknown server			1						
		0.47uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 0.47uF, X7R, 15%, 10%, 16V	C4		Unknown server			1						
		1uF		C5		Unknown server			1						
		1.8M		R15		Unknown server			1						
		5.1K	REStHick Film, 5.1kQ, 1%, 0.1W, 100ppm/C, 0603	R12, R13, R14		Unknown server			3						
		Fuel Gauge	IC BATT FUEL GAUGE L100Q2 12SON	U4		Unknown server			1						