

Engineering Bill of Materials

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Project Name:	Integrated USB Type-C PD and Charging Reference Design for 2-4
Project File:	PD_BO_Ref_Design.PrjPcb
Base ID:	<Parameter PRJ Number not found>
PCB Rev:	A1
Schematic Rev:	A1
Assembly Variant:	None
TIDA:	TIDA-050047

Item	Designator	Description	RoHS	Manufacturer	PartNumber	Quantity	Library Name	LibRef	0		0		Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2
									SizeX (mm)	SizeY (mm)	SizeZ (mm)	SizeArea (mm2)				
1	IPC81	Printed Circuit Board	O	Any	<PRJ Number	1	Allium Vault - TI	CMP-0003618-2								
2	C1	CAP, CERAM, 0.047 uF, 25 V, +/- 10%, X7R, 0402	Y	MuRata	GRM155R71E473KA88D	1	Allium Vault - TI	CMP-0006669-2					Digi-Key	490-3254-1-ND	Newark	14T3282
3	C2	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
4	C3	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
5	C4	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
6	C5	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
7	C6	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	Y	TDK	C1005X7R1H104K050B8E	1	Allium Vault - TI	CMP-0064946-2					Digi-Key	445-173610-1-ND	Newark	92Y5763
8	C7	CAP, CERAM, 0.047 uF, 25 V, +/- 10%, X7R, 0402	Y	MuRata	GRM155R71E473KA88D	1	Allium Vault - TI	CMP-0006669-2					Digi-Key	490-3254-1-ND	Newark	14T3282
9	C8	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
10	C9	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
11	C10	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
12	C11	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	Y	TDK	C1005X7R1H104K050B8E	1	Allium Vault - TI	CMP-0064946-2					Digi-Key	445-173610-1-ND	Newark	92Y5763
13	C12	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	Y	TDK	C1005X7R1H104K050B8E	1	Allium Vault - TI	CMP-0064946-2					Digi-Key	445-173610-1-ND	Newark	92Y5763
14	C13	CAP, CERAM, 10 uF, 25 V, +/- 10%, X5R, 0805	Y	TDK	C2012X5R1E106K125AB	1	Allium Vault - TI	CMP-0007828-2					Digi-Key	445-5984-1-ND		
15	C14	CAP, CERAM, 10 uF, 25 V, +/- 10%, X5R, 0805	Y	TDK	C2012X5R1E106K125AB	1	Allium Vault - TI	CMP-0007828-2					Digi-Key	445-5984-1-ND		
16	C15	CAP, CERAM, 10 uF, 25 V, +/- 10%, X5R, 0805	Y	TDK	C2012X5R1E106K125AB	1	Allium Vault - TI	CMP-0007828-2					Digi-Key	445-5984-1-ND		
17	C16	CAP, CERAM, 10 uF, 25 V, +/- 10%, X5R, 0805	Y	TDK	C2012X5R1E106K125AB	1	Allium Vault - TI	CMP-0007828-2					Digi-Key	445-5984-1-ND		
18	C17	CAP, CERAM, 10 uF, 25 V, +/- 10%, X5R, 0805	Y	TDK	C2012X5R1E106K125AB	1	Allium Vault - TI	CMP-0007828-2					Digi-Key	445-5984-1-ND		
19	C18	CAP, CERAM, 4.7 uF, 16 V, +/- 10%, X5R, 0603	Y	MuRata	GRM188R61C475KAJ	1	Allium Vault - TI	CMP-0007341-5					Digi-Key	490-10481-1-ND	Mouser	81-GRM188R61C475KAJD
20	C19	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	Y	TDK	C1005X7R1H104K050B8E	1	Allium Vault - TI	CMP-0064946-2					Digi-Key	445-173610-1-ND	Newark	92Y5763
21	C20	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
22	C21	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
23	C22	CAP, CERAM, 1000 pF, 50 V, +/- 10%, X7R, 0402	Y	Kemet	C0402C102K5RACU	1	Allium Vault - TI	CMP-0006235-2					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
24	C23	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
25	C24	CAP, CERAM, 10 uF, 25 V, +/- 20%, X5R, 0603	Y	MuRata	GRT188R61E106ME13D	1	Allium Vault - TI	CMP-0007501-5					Digi-Key	490-12323-1-ND	Mouser	81-GRT188R61E106ME3D
26	C25	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	Y	TDK	C1005X7R1H104K050B8E	1	Allium Vault - TI	CMP-0064946-2					Digi-Key	445-173610-1-ND	Newark	92Y5763
27	C26	CAP, CERAM, 1000 pF, 50 V, +/- 10%, X7R, 0402, SMD	Y	Kemet	C0402C102K5RACU	1	Allium Vault - TI	CMP-0006235-2					Digi-Key	490-12323-1-ND	Newark	74M5935
28	C27	CAP, CERAM, 47 uF, 10 V, +/- 10%, X5R, 1210	Y	MuRata	GRM32ER81A476KE20L	1	Allium Vault - TI	CMP-0009299-2					Mouser	81-GRM32ER81A476KE20	Farnell	1828818
29	C28	CAP, CERAM, 47 uF, 10 V, +/- 10%, X5R, 1210	Y	MuRata	GRM32ER81A476KE20L	1	Allium Vault - TI	CMP-0009299-2					Mouser	81-GRM32ER81A476KE20	Farnell	1828818
30	C29	CAP, CERAM, 4.7 uF, 50 V, +/- 10%, X7R, 1210	Y	MuRata	GRM32ER71H475KA88L	1	Allium Vault - TI	CMP-0009299-2					Digi-Key	490-1864-1-ND	Mouser	81-GRM32ER71H475KA88L
31	C30	CAP, CERAM, 4.7 uF, 50 V, +/- 10%, X7R, 1210	Y	MuRata	GRM32ER71H475KA88L	1	Allium Vault - TI	CMP-0009299-2					Digi-Key	490-1864-1-ND	Mouser	81-GRM32ER71H475KA88L
32	C31	CAP, CERAM, 0.1 uF, 50 V, +/- 10%, X7R, 0805	Y	MuRata	GRM218R71H103KA01D	1	Allium Vault - TI	CMP-0009154-2					Digi-Key	490-1864-1-ND	Mouser	81-GRM218R71H103KA01D
33	C32	CAP, CERAM, 2200 pF, 50 V, +/- 10%, X7R, 0603	Y	MuRata	GRM188R71H222KA01D	1	Allium Vault - TI	CMP-0007443-4					Digi-Key	490-1500-1-ND	Mouser	81-GRM188R71H222KA01D
34	C33	CAP, CERAM, 0.01 uF, 100 V, +/- 10%, X7R, 0603	Y	AVX	06031C103KAT2A	1	Allium Vault - TI	CMP-0006727-4					Digi-Key	478-1205-1-ND	Newark	96K4758
35	C34	CAP, CERAM, 22 pF, 50 V, +/- 5%, COG/NP0, 0603	Y	MuRata	GRM188SC1H220JA01D	1	Allium Vault - TI	CMP-0007196-4					Digi-Key	490-1411-1-ND	Mouser	81-GRM188SC1H220JA01D
36	C35	CAP, CERAM, 10 uF, 10 V, +/- 20%, X5R, 0402	Y	Samsung Electro-Mechanics	CL05A106MPSNUNC	1	Allium Vault - TI	CMP-0006339-4					Digi-Key	490-1411-1-ND	Mouser	81-GRM39C220J50D
37	C36	CAP, CERAM, 10 uF, 10 V, +/- 20%, X5R, 0402	Y	Samsung Electro-Mechanics	CL05A106MPSNUNC	1	Allium Vault - TI	CMP-0006339-4					Digi-Key	490-1411-1-ND	Mouser	81-GRM39C220J50D
38	C37	CAP, CERAM, 10 uF, 10 V, +/- 20%, X5R, 0402	Y	Samsung Electro-Mechanics	CL05A106MPSNUNC	1	Allium Vault - TI	CMP-0006339-4					Digi-Key	490-1411-1-ND	Mouser	81-GRM39C220J50D
39	C38	CAP, CERAM, 22 uF, 35 V, +/- 20%, X5R, 0805	Y	TDK	C2012X5R1V226M125AC	1	Allium Vault - TI	CMP-0007844-2					Digi-Key	445-14428-1-ND		
40	C39	CAP, CERAM, 22 uF, 35 V, +/- 20%, X5R, 0805	Y	TDK	C2012X5R1V226M125AC	1	Allium Vault - TI	CMP-0007844-2					Digi-Key	445-14428-1-ND		
41	C40	CAP, CERAM, 0.1 uF, 35 V, +/- 10%, X5R, 0402	Y	Taiyo Yuden	GMK105B1J04KV-F	1	Allium Vault - TI	CMP-0006370-2					Digi-Key	587-1994-1-ND	Newark	84R9117
42	C41	CAP, CERAM, 330 pF, 50 V, +/- 10%, X7R, 0201	Y	MuRata	GRM033R71H331KA12D	1	Allium Vault - TI	CMP-0009779-2					Digi-Key	GRM033R71H331KA12D-ND	Mouser	81-GRM033R71H331KA12D
43	C42	CAP, CERAM, 330 pF, 50 V, +/- 10%, X7R, 0201	Y	MuRata	GRM033R71H331KA12D	1	Allium Vault - TI	CMP-0009779-2					Digi-Key	GRM033R71H331KA12D-ND	Mouser	81-GRM033R71H331KA12D
44	C43	CAP, CERAM, 0.1 uF, 35 V, +/- 10%, X5R, 0402	Y	Taiyo Yuden	GMK105B1J04KV-F	1	Allium Vault - TI	CMP-0006370-2					Digi-Key	587-1994-1-ND	Newark	84R9117
45	C44	CAP, CERAM, 4.7 uF, 35 V, +/- 10%, X5R, 0603	Y	MuRata	GRM188R6YA475KE15D	1	Allium Vault - TI	CMP-0007357-5					Digi-Key	490-7205-1-ND	Newark	68X2784
46	C45	CAP, CERAM, 0.01 uF, 50 V, +/- 5%, X7R, 0402	Y	Kemet	C0402C103J5RACU	1	Allium Vault - TI	CMP-0006236-2					Digi-Key	399-7758-1-ND	Newark	57J0044
47	C46	CAP, CERAM, 0.01 uF, 50 V, +/- 5%, X7R, 0402	Y	Kemet	C0402C103J5RACU	1	Allium Vault - TI	CMP-0006236-2					Digi-Key	399-7758-1-ND	Newark	57J0044
48	C47	CAP, CERAM, 0.01 uF, 50 V, +/- 5%, X7R, 0402	Y	Kemet	C0402C103J5RACU	1	Allium Vault - TI	CMP-0006236-2					Digi-Key	399-7758-1-ND	Newark	57J0044
49	C48	CAP, CERAM, 0.01 uF, 50 V, +/- 5%, X7R, 0402	Y	Kemet	C0402C103J5RACU	1	Allium Vault - TI	CMP-0006236-2					Digi-Key	399-7758-1-ND	Newark	57J0044
50	D1	LED, Green, SMD	Y	Lite-On	LTST-C190GKT	1	Allium Vault - TI	CMP-0002827-3					Digi-Key	399-7758-1-ND	Newark	57J0044
51	D2	Diode, Schottky, 40 V, 5 A, SMC	Y	Comchip Technology	CDSC540-G	1	Allium Vault - TI	CMP-0028510-2					Digi-Key	587-1994-1-ND	Newark	84R9117
52	FID1	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
53	FID2	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
54	FID3	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
55	FID4	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
56	FID5	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
57	FID6	Fiducial mark. There is nothing to buy or mount.	Y	N/A	N/A	1	Allium Vault - TI	CMP-0077181-1					Digi-Key	587-1994-1-ND	Newark	84R9117
58	H1	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Y	B&F Fastener Supply	NY PMS 440 0025 PH	1	Allium Vault - TI	CMP-0003617-1					Digi-Key	H542-ND		
59	H2	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Y	B&F Fastener Supply	NY PMS 440 0025 PH	1	Allium Vault - TI	CMP-0003617-1					Digi-Key	H542-ND		
60	H3	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Y	B&F Fastener Supply	NY PMS 440 0025 PH	1	Allium Vault - TI	CMP-0003617-1					Digi-Key	H542-ND		
61	H4	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Y	B&F Fastener Supply	NY PMS 440 0025 PH	1	Allium Vault - TI	CMP-0003617-1			</					

74	JP2	Header, 100mil, 2x1, Tin, TH	Y	Sullins Connector Solutions	PEC02SAAN	1	Allium Vault - TI	CMP-0002337-1					Digi-Key	S1012E-02-ND		
75	JP3	Header, 100mil, 2x1, Tin, TH	Y	Sullins Connector Solutions	PEC02SAAN	1	Allium Vault - TI	CMP-0002337-1					Digi-Key	S1012E-02-ND		
76	JP4	Header, 100mil, 2x1, Tin, TH	Y	Sullins Connector Solutions	PEC02SAAN	1	Allium Vault - TI	CMP-0002337-1					Digi-Key	S1012E-02-ND		
77	L1	Inductor, Shielded Drum Core, Powdered Iron, 1 uH, 7 A, 0.0181 ohm, SMD	Y	Vishay-Dale	IHLP2020BZER1R0M11	1	Allium Vault - TI	CMP-0063290-1					Digi-Key	541-1218-1-ND		
78	L2	Inductor, Shielded Drum Core, Powdered Iron, 4.7 uH, 7 A, 0.015 ohm, SMD	Y	Würth Elektronik	74437368047	1	Allium Vault - TI	CMP-0064124-1					Digi-Key	732-3389-1-ND	Newark	8218283
79	L3	Ferrite Bead, 21 ohm @ 100 MHz, 6 A, 0805	Y	Taiyo Yuden	FBMJ215HM210NT	1	Allium Vault - TI	CMP-0003375-1					Digi-Key	587-1765-1-ND		
80	R1	RES, 100, 1%, 0.1 W, 0603	Y	Yageo	RC0603FR-07100RL	1	Allium Vault - TI	CMP-0022736-4					Digi-Key	311-100HRCT-ND	Mouser	603-RC0603FR-07100RL
81	R2	RES, 2.21 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	E	Vishay-Dale	CRCW04022K21FKED	1	Allium Vault - TI	CMP-0026232-2					Digi-Key	541-2-21K1CT-ND	Newark	52K6795
82	R3	RES, 5.23 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	E	Vishay-Dale	CRCW04025K23FKED	1	Allium Vault - TI	CMP-0026464-2					Digi-Key	541-5-23K1CT-ND	Newark	52K7121
83	R4	RES, 137 k, 1%, 0.1 W, 0603	Y	Yageo	RC0603FR-07137KL	1	Allium Vault - TI	CMP-0022788-4					Digi-Key	311-137KHCT-ND	Mouser	603-RC0603FR-07137KL
84	R5	RES, 30.1 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	E	Vishay-Dale	CRCW040230K1FKED	1	Allium Vault - TI	CMP-0026284-2					Digi-Key	541-30.1K1CT-ND	Newark	52K6954
85	R6	RES, 100 k, 1%, 0.1 W, 0603	Y	Yageo	RC0603FR-07100KL	1	Allium Vault - TI	CMP-0022735-5					Digi-Key	311-100KHCT-ND	Mouser	603-RC0603FR-07100KL
86	R7	RES, 10.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	E	Vishay-Dale	CRCW040210K0FKED	1	Allium Vault - TI	CMP-0025958-3					Digi-Key	541-10.0K1CT-ND	Newark	52K6595
87	R8	RES, 6.04 k, 1%, 0.1 W, 0603	Y	Yageo	RC0603FR-076K04L	1	Allium Vault - TI	CMP-0023246-5					Digi-Key	311-6.04KHCT-ND	Mouser	603-RC0603FR-076K04L
88	R9	RES, 10.5 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW060310K5FKEA	1	Allium Vault - TI	CMP-0022030-4					Digi-Key	541-10.5K1CT-ND	Newark	52K6988
89	R10	RES, 17.4 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW060317K4FKEA	1	Allium Vault - TI	CMP-0022089-4					Digi-Key	541-17.4KHCT-ND	Newark	52K8186
90	R11	RES, 10.0, 1%, 0.25 W, AEC-Q200 Grade 0, 1206	Y	Panasonic	ERJ-8ENF10R0V	1	Allium Vault - TI	CMP-0017299-3					Digi-Key	P10.0FCT-ND	Farnell	1748406
91	R12	RES, 51.1, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW060351R1FKEA	1	Allium Vault - TI	CMP-0022483-4					Digi-Key	541-51.1HCT-ND	Newark	52K8594
92	R13	RES, 865 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW0603865KFKEA	1	Allium Vault - TI	CMP-0022546-4					Digi-Key	541-865KHCT-ND	Mouser	71-CRCW0603-865K-E3
93	R14	RES, 10.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW060310K2FKEA	1	Allium Vault - TI	CMP-0021999-4					Digi-Key	541-10.2KHCT-ND	Newark	52K8067
94	R15	RES, 130 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW0603130KFKEA	1	Allium Vault - TI	CMP-0022036-4					Digi-Key	541-130KHCT-ND	Newark	52K8127
95	R16	RES, 1.96 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW06031K96FKEA	1	Allium Vault - TI	CMP-0022137-4					Digi-Key	541-1.96KHCT-ND	Newark	52K8051
96	R17	RES, 37.4 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	E	Vishay-Dale	CRCW060337K4FKEA	1	Allium Vault - TI	CMP-0022360-4					Digi-Key	541-37.4KHCT-ND	Newark	52K8462
97	R21	RES, 2.20 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW02012K20FKED	1	Allium Vault - TI	CMP-0027272-3					Digi-Key	541-2.20KAABCT-ND	Newark	01X1849
98	R22	RES, 2.20 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW02012K20FKED	1	Allium Vault - TI	CMP-0027272-3					Digi-Key	541-2.20KAABCT-ND	Newark	01X1849
99	R24	RES, 2.20 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW02012K20FKED	1	Allium Vault - TI	CMP-0027272-3					Digi-Key	541-2.20KAABCT-ND	Newark	01X1849
100	R25	RES, 2.20 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW02012K20FKED	1	Allium Vault - TI	CMP-0027272-3					Digi-Key	541-2.20KAABCT-ND	Newark	01X1849
101	R26	RES, 0.5, 0.05 W, 0201	E	Vishay-Dale	CRCW0201000Z0ED	1	Allium Vault - TI	CMP-0027008-4					Newark	72M6743		
102	R27	RES, 0.5, 0.05 W, 0201	E	Vishay-Dale	CRCW0201000Z0ED	1	Allium Vault - TI	CMP-0027008-4					Newark	72M6743		
103	R28	RES, 10.0 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW020110K0FKED	1	Allium Vault - TI	CMP-0027262-3					Digi-Key	541-10.0KAABCT-ND	Newark	71R4422
104	R29	RES, 0.5, 0.05 W, 0201	E	Vishay-Dale	CRCW0201000Z0ED	1	Allium Vault - TI	CMP-0027008-4					Newark	72M6743		
105	R30	RES, 10.0 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW020110K0FKED	1	Allium Vault - TI	CMP-0027262-3					Digi-Key	541-10.0KAABCT-ND	Newark	71R4422
106	R31	RES, 10.0 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW020110K0FKED	1	Allium Vault - TI	CMP-0027262-3					Digi-Key	541-10.0KAABCT-ND	Newark	71R4422
107	R32	RES, 10.0 k, 1%, 0.05 W, 0201	E	Vishay-Dale	CRCW020110K0FKED	1	Allium Vault - TI	CMP-0027262-3					Digi-Key	541-10.0KAABCT-ND	Newark	71R4422
108	SH-J1	Shunt, 100mil, Gold plated, Black	Y	Samtec	SNT-100-BK-G	1	Allium Vault - TI	CMP-0003623-1					Digi-Key	SNT-100-BK-G-ND		
109	SH-J2	Shunt, 100mil, Gold plated, Black	Y	Samtec	SNT-100-BK-G	1	Allium Vault - TI	CMP-0003623-1					Digi-Key	SNT-100-BK-G-ND		
110	TP1	Test Point, Miniature, Red, TH	Y	Keystone	5016	1	Allium Vault - TI	CMP-0055137-1					Digi-Key	36-5016TR-ND	Mouser	534-5000
111	TP2	Test Point, Compact, SMT	Y	Keystone	5016	1	Allium Vault - TI	CMP-0055153-1					Digi-Key	36-5016TR-ND	Mouser	534-5016
112	TP3	Test Point, Compact, SMT	Y	Keystone	5016	1	Allium Vault - TI	CMP-0055153-1					Digi-Key	36-5016TR-ND	Mouser	534-5016
113	U1	BQ2579x HotRod	UNKNOWN	Texas Instruments	BQ25792RQM	1	Allium Vault - TI	CMP-0086655-1					Digi-Key	36-5016TR-ND	Mouser	534-5016
114	U2	500-mA, Low IQ, Small Size, Low Dropout Regulator, DBV0005A (SOT-23-5)	Y	Texas Instruments	TLV7553PDBVR	1	Allium Vault - TI	CMP-0074640-3								
115	U3	3.5V to 28V Input, 5A, 570kHz Step-Down Converter with Eco-mode, DDA0008E (SIC-8)	Y	Texas Instruments	TPS54531DDAR	1	Allium Vault - TI	CMP-0067056-2								
116	U4	USB Type-C and USB PD Controller with Integrated Power Switches Optimized for Power Applications	Y	Texas Instruments	TPS25750DRJK	1	Allium Vault - TI	CMP-0090338-5								
117	U5	256 kb I2C CMOS Serial EEPROM, SOIC-8	Y	ON Semiconductor	CAT24C256W1-G	1	Allium Vault - TI	CMP-0005314-2					Digi-Key	CAT24C256W1-G-ND	Newark	06R0552
118	U6	22-V Precision Surge Protection Clamp, DRV0006A (WSON-6)	Y	Texas Instruments	TVS2200DRVR	1	Allium Vault - TI	CMP-0077834-1								

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