

Item Num	Quantity	Value	Descriptio	Part Num	Part Reference	PCB Footprint	Vendor	VENDOR_PT_NO	
1	1	MICROSTRAIN_3DM_GX2			A2	MICROSTRAIN_3DM_GX2	MicroStrain_Inc	3DM-GX2-OEM	
2	1	CALEX_24S12.2500MH			A3	CALEX_30W			
3	1	NKE1209S			A4	NKE_1209S	Mouser	580-NKE1209S	
4	1	PC104			A5	PC_104	Digikey	A104938-ND	
5	1	CALEX_48S5.8XT			A6	CALEX_45WXT			
6	1	3 V LITHIUM BR2032 HOLDER			BT1	MPD_BS-5	Digikey	BS-5-ND	
7	13	0.1uF			C1 C2 C3 C4 C5 C38 C39 C40 C41 C42 C48 C87 C91	SM/C_0603_DRT	Digikey	PCC1794CT-ND	
8	6	10uF			C6 C7 C98 C99 C101 C118	2220	Digikey	445-1454-1-ND	
9	11	0.1uF			C17 C32 C35 C36 C43 C51 C54 C57 C96 C106 C107	SM/C_0805_DRT	Digikey	399-1169-1-ND	
10	15	0.1uF			C18 C19 C20 C49 C52 C55 C63 C69 C73 C75 C78 C82 C85 C86 C100	SM/C_0805_DRT	Digikey	PCC1840CT-ND	
11	1	2200pF			C37	SM/C_0603_DRT	Digikey	445-1309-1-ND	
12	3	33uF			C44 C74 C89	SM/CT_6032_DRT	Digikey	PCE3925CT-ND	
13	3	100uF			C45 C46 C62	CAP_CHEMI_CON_HA0	Digikey	565-2569-1-ND	
14	3	1000uF			C47 C66 C67	PAN_CAP_TG_K16	Digikey	PCE3646CT-ND	
15	3	1.0uF			C50 C53 C56	SM/C_0805_DRT	Digikey	PCC2404CT-ND	
16	18	2200pF			C58 C59 C60 C61 C64 C65 C70 C71 C72 C79 C110 C111 C112 C113 C114 C115 C116 C117	SM/C_1812_DRT	Digikey	445-2389-1-ND	
17	1	10uF			C68	ITW_PAKTRON_CAPSTICK_10	ITW_Paktron_Future_Elect	106K050CS4G_Capstick-CS4-5	
18	2	220uF			C76 C77	CAP_CHEMI_CON_F80	Digikey	565-2529-1-ND	
19	1	2.2uF			C80	CAP_PAN_SP_CAP	Digikey	PCE3169CT-ND	
20	1	20pF			C81	SM/C_0603_DRT	Digikey	490-1334-1-ND	
21	1	0.18uF			C83	SM/C_0805_DRT	Digikey	PCC1831CT-ND	
22	1	10uF			C88	1210	Digikey	587-3166-1-ND	
23	2	10uF			C90 C92	PANASONIC_CAP_B	Digikey	PCE4288CT-ND	
24	2	4pF			C93 C94	SM/C_0603_DRT	Digikey	490-1387-1-ND	
25	2	0.01uF			C95 C109	SM/C_0805_DRT	Digikey	399-1158-1-ND	
26	1	330uF			C97	PANASONIC_CAP_G	Digikey	PCE5026CT-ND	
27	1	2.2uF			C102	C_0805	Digikey	445-5968-1-ND	
28	4	10uF			C103 C104 C105 C108	2220	Digikey	445-4109-1-ND	
29	1	47uF			C119	PANASONIC_CAP_D8	Digikey	PCE3929TR-ND	
30	4	VC080505C150DP			D1 D12 D17 D22	C_0805	Digikey	478-2507-1-ND	
31	3	S1G-13			D2 D7 D11	DIODE_SMA	Digikey	S1GDICT-ND	
32	2	VC080512A250DP			D8 D20	SM/R_0805_DRT	Digikey	478-2508-1-ND	
33	5	V42MLA1206NH			D13 D14 D15 D19 D27	SM/R_1210_DRT	Digikey	F2210CT-ND	
34	1	V60MLA1210			D16	SM/R_1210_DRT	Digikey	F2220CT-ND	
35	1	VC080503C100DP			D21	SM/R_0805_DRT	Digikey	478-2505-1-ND	
36	1	PLVA650A,215			D23	SOT-23	Digikey	568-6471-1-ND	
37	2	DIODE ZENER 12V			D24 D25	0603_BAND	Digikey	641-1038-1-ND	
38	8	GREEN			DS1 DS3 DS4 DS5 DS7 DS8 DS9 DS10	SM/SOT23_LUMEX	Digikey	67-1685-1-ND	
39	1	SUPER_RED			DS2	SM/SOT23_LUMEX	Digikey	67-1660-1-ND	
40	119	CON1			E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E26 E27 E28 E29 E30 E31 E32 E33 E34 E35 E36 E37 E38 E39 E40 E41 E42 E43 E44 E45 E46 E47 E48 E49 E50 E51 E52 E53 E54 E55 E56 E57 E58 E59 E60 E61 E62 E63 E64 E65 E66 E67 E68 E69 E70 E71 E72 E73 E74 E75 E76 E77 E78 TP1 TP2 TP3 TP4 TP5 TP6 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP36 TP37 TP38 TP39 TP40 TP41 TP42	TP_025	n/a	n/a	
41	5	SASB			F1 F2 F3 F4 F5	SMF_OMNIBLOCK	Digikey	F1310CT-ND	
42	1	BNX005_01			FIL3	BNX003-01_DRT	Mouser	81-BNX005-01	
43	2	HEADER_5X2_SM			H1 H3	HDR_5X2_SM	Digikey	S9012E-05-ND	
44	2	HEADER_4X2_SM			H2 H4	HDR_4X2_SM	Digikey	S9012E-04-ND	
45	1	PLB10W2M			J1	POSITRONIC_PLB10W2M_STRT	Positronic_Ind	PLB10W2M300A1	
46	3	PLB10W2F			J2 J3 J4	POSITRONIC_PLB10W2F_STRT	Positronic_Ind	PLB10W2F300A1	
47	4	PLB08FST20A1			J5 J6 J7 J8	POSITRONIC_PLB_08F_STRT	Positronic_Ind	PLB08FST20A1	
48	2	CGRID_100			J9 J10	C_GRID_RTANGL_2	Digikey	WM4900-ND	
49	4	VERT_HEADER			J13 JP1 JP5 JP6	BLKCON.100/VH/TM2OE/W.200/14_DRT	MBARI	STOCK	
50	3	CGRID_100_VERT			J14 J15 J22	C_GRID_VERT_2	Digikey	WM4800-ND	
51	1	CGRID_100			J16	C_GRID_RTANGL_3	Digikey	WM4901-ND	
52	2	3M 50 PIN HDR			J17 J18	3M_3433_50_PIN_VHDR	Digikey	MHS50K-ND	
53	2	CGRID_100_VERT			J20 J21	C_GRID_VERT_4	Digikey	WM4802-ND	
54	1	CGRID_100_VERT			J23	C_GRID_VERT_3	Digikey	WM4801-ND	
55	1	CON6			J24	C_GRID_VERT_6	Digikey	WM4804-ND	
56	2	V23105A5005A201			K1 K2	DIP.100/16/W.300/L.900	Digikey	PB385-ND	
57	4	CM6350R-333			L2 L3 L10 L11	CM6350R	Digikey	DN42151-ND	
58	14	FerriteBeadChip			L12 L13 L14 L15 L16 L17 L21 L22 L23 L24 L25 L28 L30 L33	C_0805	Digikey	445-1567-1-ND	
59	5	FerriteBeadChip			L18 L19 L26 L27 L32	C_1612	Digikey	240-2499-1-ND	
60	1	5uH			L20	CHOKE_5501_RC	Digikey	5501-RC-ND	
61	2	2uH			L31 L34	SUMIDA_CDR7D28MN	Digikey	308-1324-1-ND	
62	1	PBSS8100T,215			Q3	SM/SOT23_123_DRT	Digikey	568-4344-1-ND	
63	1	1.15M			R6	SM/R_0805_DRT	Digikey	311-1.15MCRCT-ND	
64	3	2.80k			R7 R42 R47	SM/R_0805_DRT	Digikey	P2.80KCCT-ND	
65	8	249k			R8 R19 R26 R34 R40 R64 R65 R68	SM/R_0805_DRT	Digikey	P249KCCT-ND	
66	2	26.1k			R9 R41	SM/R_0805_DRT	Digikey	P26.1KCCT-ND	
67	1	15k			R10	SM/R_0805_DRT	Digikey	P15.0KCCT-ND	
68	1	1M			R11	SM/R_0805_DRT	Digikey	P1.00MCCT-ND	
69	3	1Ok			R12 R13 R14	POT_ST7EA	Digikey	ST7ETA103CT-ND	
70	1	47.0k			R17	SM/R_0805_DRT	Digikey	P47.0KCCT-ND	

[illegible]