

MBARI
7700 Sandholdt Road
Moss Landing CA 95039
831-775-1700

Item	Quantity	Reference	Value	Tolerance	Rating	Type	PCB Footp	Manufacturer Number	Distributor Number	Description
1	10	BB-J1,BB-J2,BB-J3,BB-J4, BB-J5,BB-J6,BB-J7,BB-J8, LS1-J1,LS2-J1	AWM-8XS-BC					Seacon/Brantner		AWM8XSBC/AWMFBLSD WITH COLOR CODED 18 AWG. PT'S 2 FT. LONG.
2	8	BB1,BB2,BB3,BB4,BB5,BB6, BB7,BB8	Battery Box Housing			MBARI 1002068				
3	16	BT1,BT2,BT3,BT4,BT5,BT6, BT7,BT8,BT9,BT10,BT11, BT12,BT13,BT14,BT15,BT16	PVX-420T					Concorde PVX-420T		Battery VRLA "Sun Xtender"
4	3	BT17,BT18,BT19	SWBATT							
5	1	CA1	AWM8 9 Ft					Seacon/Brantner		AWM8XMP/AWMMLSD ON 9FT. 18/8 SO CABLE
6	8	CA2,CA3,CA4,CA5,CA6,CA7, CA8,CA9	AWQ2 12 Ft					Seacon/Brantner		AWQ2/16MP ON 12 FT. OF 18/2 SO CABLE
7	1	CA10	AWQ7 18 Ft					Seacon/Brantner		
8	1	CA11	AWQ7 Dummy					Seacon/Brantner		
9	1	CA12	AWQ7 to AWM6 6 Ft					Seacon/Brantner		AWQ7/42MP ON 6FT. 18/6 SO CABLE WITH AWM6MP/AWMMLSD
10	8	CA13,CA14,CA15,CA16,CA17, CA18,CA19,CA20	AWQ8 to AWM8 12 Ft					Seacon/Brantner		AWQ8/32MP ON 12FT. OF 18/8 SO CABLE WITH AWM8XMP/AWMMLSD ON OTHER END
11	1	CA21	AWQ8 to AWM8 6 Ft					Seacon/Brantner		AWQ8/32MP ON 6FT.OF 18/8 SO WITH AWM8XMP/AWMMLSD ON OTHER END
12	2	CA23,CA22	AWQ8 to AWM8 18 Ft					Seacon/Brantner		AWQ8/32MP ON 18 FT. 18/8 SO CABLE WITH AWM8XMP/AWMMLSD ON OTHER END
13	1	CA24	AWQ8 Dummy							
14	16	FH1,FH2,FH3,FH4,FH5,FH6, FH7,FH8,FH9,FH10,FH11, FH12,FH13,FH14,FH15,FH16	HFB-10		10A SLO			Cooper/Bussmann HFB-10	DigiKey 283-2355-ND	FUSE HLDR IN LINE WATERPROOF
15	16	F1,F2,F3,F4,F5,F6,F7,F8, F9,F10,F11,F12,F13,F14, F15,F16	10A Slo					Bussmann BK/MDA-10	DigiKey 283-2308-ND	Fuse 10A 250V MDA Time-Lag Ceramic
16	1	H1	Safety Switch Housing					Hoffman A664CHQRFG	Newark 95F2771	
17	1	H2	Power Housing			MBARI 1002219		MBARI 1002219		
18	2	H5,H6	Load Sink Housing			MBARI 1002307		MBARI 1002307		
19	2	LS1-HS1,LS2-HS1	Shrink Tubing							Heat Shrink Tubing
20	4	LS1-R1,LS1-R2,LS2-R1, LS2-R2	6.3		300W			Ohmite C300K6R3	Newark 04F6306	Corrib 280 Series Fixed Enamel Power Resistor
21	2	LS2-TS1,LS1-TS1	AD592					Analog Devices AD592BN	DigiKey AD592BN-ND	IC TEMP TRANSDUCER 2-TERM TO-92
22	1	P1	DB9F							
23	1	P4E1	AWQ-7/42-MP							
24	16	RT1,RT2,RT3,RT4,RT5,RT6, RT7,RT8,RT9,RT10,RT11, RT12,RT13,RT14,RT15,RT16	36154					Amp 36154	DigiKey A1062-ND	CONN RING 16-22 AWG #10 PIDG
25	8	RT18,RT19,RT22,RT23,RT26, RT27,RT28,RT29	320619					AMP 320619	DigiKey A1070-ND	CONN RING 14-16 AWG #6 BLUE PIDG
26	4	RT20,RT21,RT24,RT25	36152					AMP 36152	DigiKey A1060-ND	CONN RING 16-22 AWG #6 RED PIDG
27	15	RT30,RT31,RT32,RT33,RT34, RT35,RT36,RT37,RT70,RT71, RT72,RT73,RT90,RT91,RT92	36154					AMP 36154	Lab Stock; DigiKey A1062-ND	Terminal, Ring Tongue, PIDG, #10, AWG 22-16
28	34	RT38,RT39,RT40,RT41,RT44, RT45,RT48,RT49,RT52,RT53, RT56,RT57,RT60,RT61,RT64, RT65,RT68,RT69,RT74,RT75, RT76,RT77,RT78,RT79,RT80, RT81,RT82,RT83,RT84,RT85, RT86,RT87,RT88,RT89	31895					Amp 31895	DigiKey A0886-ND	CONN RING 16-22 AWG #5/16 PIDG
29	4	SA1,SA2,SA3,SA4	SQ150		150W			Shell SQ150-PC	Solar Depot, example PO 0312282	Solar Module, 150W, 24V, w/ pigtails
30	8	SR1,SR2,SR3,SR4,SR5,SR6, SR7,SR8	S2313					Lapp USA Olfex Skintop S2313		Liquid Tight Strain Relief
31	1	SS J3	AWM-6S-BC					Seacon/Brantner		AWM6SBC/AWMFBLSD ON 4FT. 18AWG PT'S COLOR CODED
32	2	SS J5,SS J4	AWM-8XS-BC					Seacon/Brantner		AWM8XSBC/AWMFBLSD WITH COLOR CODED 18 AWG. PT'S 2 FT. LONG
33	2	SW1,SW2	Eaton 8690K2		15A			Tyco/Eaton 8690K2		Industrial Purpose Toggle Switch, DPDT Circut Type, AC/DC Rated
34	8	WS1,WS2,WS3,WS4,WS5,WS6, WS7,WS8	WATER SENSOR					Winchester/Retcon JF2P		Connector, Male, 2 Pin non-polarized
35	1	WT1	AIR Industrial 48V					Southwest Windpower AIR Industrial 403 48V	Solar Depot (Example PO 0313352)	AIR Industrial 403 Marine 48V Wind Turbine
36	2	W2,W1	18 RED							#18 AWG, Stranded, PTFE Teflon, Red
37	8	W17,W18,W19,W20,W21,W22, W23,W24	16 ORN							#16 AWG, Stranded, PTFE Teflon, Orange
38	8	1,2,3,4,5,6,7,8	WARNING TRIANGLE							