

MBARI
7700 Sandholdt Rd
Moss Landing CA 95039
831-775-1730

Item	Quantity	Reference	Value	Tolerance	Rating	Type	PCB Footprint	Manufacturer Number	Distributor Number	Description
1	2	AB1,AB2	DMS-EB					Datel DMS-EB	Mouser 580-DMS-EB-C	Digital Panel Meter Multipurpose Board
2	1	CB1	Alipax 5003		140F			Alipax O53GAB140A-125Y	Newark 34C9059	Open at 140F, close at 125F
3	2	CC1,CC2	Kanthal G5747					Kanthal G5747	Kanthal direct	Connector cap, copper, 1" dia, w/strap
4	1	Ch1	Bud RM-14215					Bud RM-14215	Newark 06M4783	10.5"H x 19"W x 17"D
5	2	Ch2,Ch4	Cover					Bud TBC-14252	Newark 05M4430	Solid Cover
6	2	Ch3,Ch5	Handle					Bud H9183-B	Newark 69F205	Aluminum Handle
7	2	HV1,HV2	HV Base			FR4			McMaster 8667K218	FR4 Garolite Sheet 1/2" x 12" x 12"
8	35	J1,J2,J3,J4,J5,J6,J7,J8,J9,J10,J11,J12,J13,J14,J15,J17,J18,J19,J20,J21,J22,J23,J24,J25,J26,J27,J28,J37,J38,J39,J40,J41,J42,J43,J44	Ring Terminal					AMP PIDG	Lab Stock -- size as required	
9	1	J16	Caton 16088-L4					Caton 16088-L4		
10	5	J29,J30,J31,J32,J33	Terminal FastOn		20kV	Bulkhead Connector			Lab Stock -- size as required	Bulkhead Connector, Shell Size 16S, 2 Conductor, #16AWG x 24" leads
11	1	J36	Mate-N-Lok 9					Tyco/AMP 1-480707-1	Newark 10H0049	Receptacle 3x3 Panel Mount
12	1	K2	Gigavac G15-W-F-12					Gigavac G15-S-F-12	Gigavac direct	
13	1	K3	Crydom S1			SSR		Crydom D2410-10	DigiKey CC1079-ND	RELAY SSR 10A 240VAC DC
14	1	PE1	Schurter EF11			Power Entry		Schurter EF11.0035.0010.01	DigiKey 486-1104-ND	MOD PWR ENTRY 20A 1PL OVP QC PNL
15	2	PM1,PM2	Datel DMS-30LCD					Datel DMS-30LCD-1-5	Mouser 580-30LCD-1-5	Digital Panel Meter 2V, 5V
16	2	PS1,PS2	Lambda HWS			120VAC - 12 VDC		Lambda HWS15-12/A	DigiKey 285-1312-ND	PWR SUP IND 12V 1.3A SNG OUTPUT
17	2	P1,P2	MMNL6P				DUMMY	AMP 172168-1		
18	1	P3	MMNL4P				DUMMY	AMP 172167-1		
19	1	P4	MMNL8P				DUMMY	AMP 770579-1		
20	1	P5	CONNECTOR DB25							
21	1	P6	Mate-N-Lok 9							
22	1	R3	17k		15kV/60W			Tyco/AMP 1-480706-1	Newark 10H0050	Resistor, tubular, 1"dia x 8"
23	3	R5,R6,R7	3500 VDC			Varistor		Kanthal 888A173L	Kanthal direct	Varistor, 10kJ, 2800VRMS
24	1	R8	Caddock THV		20kV			Littelfuse V282BB60	Newark 09F2168	Precision High Voltage Divider Network
25	1	SA1	Caddock THV			1000:01:00		Caddock THV20-A-1.0-25	Caddock Direct Sales	
			Lever Actuator						McMaster 9209K551	
26	1	SA2	Flush PB Actuator			McMaster 9209K11/Green			McMaster 9209K11/Green	
27	1	SA3	Flush PB Actuator			McMaster 9209K11/Red			McMaster 9209K11/Red	
28	1	SR1	S2313					Lapp USA Olflex Skintop S2313	lab stock	Liquid Tight Strain Relief
29	1	ST5	SCREW TERM 3							
30	1	ST6	SCREW TERMINAL							
31	2	SW1,SW2	SPST-NO Contact Block			McMaster 9209K119			McMaster 9209K119	
32	1	SW3	SPST-NC Contact Block			McMaster 9209K126			McMaster 9209K126	
33	4	W1,W2,W3,W4	20kV Silicone							
34	2	2,3	WARNING TRIANGLE				DUMMY			