

Item No	Qty	Value	Description	Part Number	Part Reference	Manufacturer Part #	Distributor Part #	Distributor	Manufacturer	cost
1	4	4.7uf Tantalum			C1 C3 C8 C9			DigiKey		
2	1	220uf			C2			DigiKey		
3	4	.1 6.3v	SM805 CAP	ECP-U1E104JB5	C4 C5 C10 C12	ECP-U1E104JB5	PCF1541CT-ND	DigiKey	PANASONIC	\$ 0.33
4	2	.1 16v	SM805 CAP	ECP-U1E104JB5	C6 C11	ECP-U1E104JB5	PCF1541CT-ND	DigiKey	PANASONIC	\$ 0.33
5	1	0.1	SM805 CAP		C7			DigiKey		
					C13 C14 C17 C18 C19 C20					
					C21 C22 C23 C24 C25 C26					
					C27 C28 C29 C30 C31 C32					
					C33 C34 C35					
6	21	.1uf	SM805 CAP	ECP-U1E104JB5		ECP-U1E104JB5	PCF1541CT-ND	DigiKey	PANASONIC	\$ 0.33
					C15					
7	1	18pf	SM805 CAP	ECJ-2VC1H180J		ECJ-2VC1H180J	PCC180CNCT-ND	DigiKey	PANASONIC	\$ 0.05
					C16					
8	1	18 pf	SM805 CAP	ECJ-2VC1H180J		ECJ-2VC1H180J	PCC180CNCT-ND	DigiKey	PANASONIC	\$ 0.05
9	1	1N4148	DIODE		D1			DigiKey		
10	1	RED	SM LED		D2			DigiKey		
11	1	JUMPER	.100 HEADER		J1			MBARI stock		
12	1	PIC_ICSP	10 PIN HEADER		J2			MBARI stock		
13	1	DIN_96AnBnCn	96 PIN DIN MALE EDGE CON		P1			MBARI stock	ERNI	
14	1	1k	SM805 RES	ERJ-6ENF1001V	R1	ERJ-6ENF1001V	P1.00KCCT-ND	DigiKey	PANASONIC	\$ 0.09
15	1	100K	SM805 RES	ERJ-6ENF1003V	R2	ERJ-6ENF1003V	P100KCCT-ND	DigiKey	PANASONIC	\$ 0.09
16	1	200	SM805 RES	ERJ-6ENF2000V	R3	ERJ-6ENF2000V	P200CCT-ND	DigiKey	PANASONIC	\$ 0.09
					R4 R5 R6 R7 R8 R9 R10					
					R11 R12 R13 R14 R15 R16					
					R17 R18 R19 R20 R21 R22					
					R23 R24 R25 R26 R27 R28					
					R29 R30 R31 R32 R33 R34					
17	32	75	SM805 RES	ERJ-6ENF75R0V	R35	ERJ-6ENF75R0V	P75.0CCT-ND	DigiKey	PANASONIC	\$ 0.09
18	1	BNX003-01	EMI FILTER	BNX003-01	U1			MBARI stock		
19	1	AA10U	DC/DC CONVERTER		U2			Newark	ASTEC	
20	1	25LC160B	EEPROM		U3			DigiKey	MICROCHIP	
21	1	LM7805C/TO220	5V LINEAR REGULATOR	LM7805CT	U4	LM7805CT	LM7805CT-ND	DigiKey	FAIRCHILD SEM	\$ 0.57
22	1	PIC16F873 SOP	MICROPROCESSOR, FLASH 20/SO		U5	PIC16F873-20/SO	ND	DigiKey	MICROCHIP	\$ 7.63
23	1	MAX202E	232 TRANCEIVER, ESD SOIC	MAX202CSE	U6	MAX202CSE	MAX202CSE-ND	DigiKey	MAXIM/DALLAS	\$ 3.31
24	1	MAX4355	VIDEO MATRIX SWITCHER		U7			DigiKey	MAXIM/DALLAS	
25	1	3.58	XTAL, THRU HOLE		Y1	ATS036	CTX400-ND	DigiKey	CTS	\$ 1.31