

Item	Reference		Manufacturer	Manufacturer Part Number	Digikey P/N (If exists)	Part Description	Package							Cost
	Designator	Qty					Style	# of pins	Height	Length	Width	Area	Volume	
1	na	1	MBARI	101323	NAV	PCB, HDTV Optical Wavelength Transceiver - Camera								
2	U1	1	OCF	DTR-2488-SM-LC-HP-LR1-M	NAV	2.488Gbps Ethernet Single Mode Fiber Transceiver	N/A	10						\$1,700.00
3	L1, L2	2	Fair Rite	2743002112		Ferrite EMI suppresor		2						
4	C1, C2,C3	3	Kemet	C0805C104M5VAC		Capacitor - Ceramic, 0.1uF 20% 50V	0805	2						
4alt			Panasonic	ECJ-2YB1H104K	PCC1840CT-ND	Capacitor - Ceramic 0.1uF 10% 50V	0805	2						\$0.48
5	R1	1	Panasonic	ERJ6ENF10.0V	P10.0CTR-ND	Resistor - Metal Film 10ohm 1% 1/10W	0805	2						\$0.09
	R7	1	Panasonic	ERJ6ENF22.1KV	P22.1KCTR-ND	Resistor - Metal Film 22.1kohm 1% 1/10W	0805	2						\$0.09
6	C4, C5	2	Kemet	T491D226M016AS		Capacitor - Tantalum, 20uF 20% 16V	T491D	2						
6alt			Panasonic	EEJ-L1VD226R	P11302CT-ND	Capacitor - Tantalum, 22uF 20% 35V	T491D	2						\$6.58
7	Q1	1	Zetex	FFMT4401-1L	FMMT4401CT-ND	Transistor - NPN General Purpose	SOT23	3						\$0.36
8	D1	1	Lumex	SSL-LX15GC-TR	67-1382-1-ND	LED - Green	SOT23	3						\$0.64
9	J1	1	Molex - GC/Waldom	705-53-0001	WM4900-ND	Connector - Male, 0.100" pocket header	prop	2						\$1.02
Cable ends														
10	P1	1	Molex - GC/Waldom	50-57-9402	WM2900-ND	Connector - Female, 0.100" pocket receiver	n/a	n/a						\$0.50
11	na	2	Molex - GC/Waldom	16-02-0102	WM2510-ND	Crimp connector - Female 22-24AWG	na	na						\$0.23
Board Mounting														
12	n/a	4	Keystone		4800K-ND	0.250" NYLON THREADED STANDOFF	n/a	n/a						
13	n/a	4	Building Fasteners		H542-ND	0.250" 4-40 NYLON MACHINE SCREW	n/a	n/a						
14	n/a	4	Building Fasteners		H616-ND	0.250" 4-40 NYLON HEX NUT	n/a	n/a						