P11412 UV water Treatment Team

Bill of Materials-CWFTW

	Part Name	Material	Manuf. Method	Manufacturer	Manufacturer Part #	Distributor	Distributor Part #	Unit Price	Quantity Needed	Total Price Needed	Unit MFG Time (hrs)	Total MFG Time (hrs)	Quantity Ordered	Total Price Spent	Lead Time (weeks)	Owner	Status	Comments
Electrical	buck		Purchased	Diodes Inc	AP1501	digikey		5.94	2						1			
	22uH		Purchased	Bourns Inc.	SDR1806-220ML	digikey		0.91	2						1			
	.1uF		Purchased	skycap	SR215E104MAR	digikey		0.15	4						1			
	DIODE SCHOTTKY		Purchased	Comchip Technology	SB5100E-G	digikey		0.176	2						1			
	1kΩ		Purchased	Stackpole Electronics Inc	RNF12FTD1K00	digikey		0.165	1						1			
	3kΩ		Purchased	Panasonic - ECG	ERD-S1TJ302V	digikey		0.14	2						1			
	26k		Purchased	Vishay	CMF5526K100FHEB	digikey		0.16	1						1			
	usb a smt		Purchased	Kycon	KUSBLX-SMT-AS1NW30	mouser		0.92	4						1			
	timing ciruit		Purchased	Fairchild Semiconductor	LM555	digikey		0.45	1						1			
	And gate		Purchased	Pericom	Pi74STX1G08	digikey		0.32	1						1			
	inverter		Purchased	Toshiba	TC7SZ04F(T5L,F,T)	digikey		0.48	1						1			
	MOSFET N 5A		Purchased	Toshiba	2SK4017(Q)	digikey		0.66	4						1			
	nand		Purchased	Toshiba	TC7SZ00F(T5L,F,T)	digikey		0.48	1						1			
	current sensor		Purchased	Texas Instruments	INA139	digikey		1.5	2						1			
	165kΩ		Purchased	Vishay	CMF55165K00FHEB	digikey		0.16	2						1			
	.01 Ω		Purchased	Ohmite	610HR010E	digikey		0.52	2						1			
	.01uF		Purchased	skycap	SR215C103JAR	digikey		0.29	1						1			
	.22uf		Purchased	Kemet	C1210C186K8PACTU	digikey		1.08	1						1			
	1M		Purchased	Vishay	CMF551M0000FHEB	digikey		0.17	1						1			
	D-Flipflop		Purchased	Texas Instruments	SN74lVC1G79	digikey		0.44	1						1			
	RED LED		Purchased	Avago Technologies US Inc.	HSMS-A100-J00J1	digikey		0.48	1						1			
	GREEN LED		Purchased	Vishay	VLWTG9600	digikey		1.03	1						1			
	160Ω		Purchased	Yageo	CFR-50JB-160R	digikey		0.062	1						1			
	470Ω		Purchased	Yageo	CFR-50JB-470R	digikey		0.062	1						1			
Mechanical Subsystem	Case	Blow Mold Plastic	Purchased		PZ9				1									
	UV Chamber		Purchased						1									
	Particullate Filter		Purchased						1									
	ballast		Purchased						1									
	ASCO solenoid valve		Purchased		8210G094				1									
	Plywood Backing 11"x22"x1/2"	Plywood							1									
	Electrical Box				71695K13				1									
	Filter Bracket								1									
	3/4 to 1/2 NPT reducer				4464k374				1									
	1/2 90deg elbow f/f				4464k14				1									
	1/2 90deg elbow m/f				4464k38				1									
	1/2 hose barb	brass			44555K135													
	1/2 x 2.5 nipple				4830K174				1									
	1/2 x 6.5 nipple				4830K256				1									
	3/4 x 6.5 nipple				4830K257				1									
	3/4 elbow				4452K415				2									
	1in grommet				9600K51				1									
	.6875 grommet				9307K79				1									
	3/4 x 3.5 nipple				4830K147				1									
	.5 inch hose								1									
	#8 pan head cap screw (1/2 inch)				91555A102				8									
	UV Chamber bracket								2									
	#12 flat head screw- 3/4 inch				90031A294				6									
	wooden spacer block	wood							2									
	3/4 NPT female faucet				4792K64				1									
	switch cover				7219K65				1									
	Totals											**0**						

* Shipping Not Included

Legend	
Ready to order	
Know what needs to be	
Do not know all info.	