Cluso's TriBladeProp Parts List

Note: Not all components are required, depending upon the options chosen.

Digikey P/N	Future Electronics P/N	Comment	Footprint	Quantity	Desc													
		Cluso's TriBladeProp	PCB V375	1														
		100R	RES 0.1	4	8	7	6	5										
		150R	R0.4	2	R91	R92												
		240R	RES 0.1	5	9	10	16	14	12									
		270R	RES 0.1	1	19													
		470R	RES 0.1	3	11	15	13											
		560R	RES 0.1	2	20	18												
		1K	R0.4	3	R3	R2	R1											
		1K1	RES 0.1	1	17													
		10K	R0.4 SSIDE	7	R13	R12	R11	R22	R21	R32	R31	**mounted on solder side**						
		10K	RES 0.1	3	4	3	2	1										
		10K	R0.4	3	R93	R14	R15											
		nc	R0.4	0	R24	R23												
4610X-1-103LF-ND		10Kx9	RN10 SSIDE	1	RN1							**mounted on solder side**						
BC1095CT-ND		10nF	CAP 0.2	1	C93													
BC1101CT-ND		100nF	CAP 0.2	13	C15	C14	C13	C12	C11	C25	C24	C23	C22	C21	C32	C31	C92	
399-3544-ND		4.7uF 10V 0.1"	C 0.1 TANT	1	C91													
39903577-ND		47uF 6V3 0.1"	C 0.1X0.2	2		C2	C3											
P5165-ND		100uF 35V 0.1"	C 0.1X0.2	1	C1													
		nc	CAP0.1 SSIDE	0	C17	C16	C27	C26	C34	C33		**mounted on solder side**						
1N4004FSCT-ND		1N4004	D 1N4004	1	D4													
P2N2222AGOS-ND		P2N2222	TO92P	1	Q91													
	LM1117T-3.3/NOPB	LM1117-3V3 (TO220)	TO-252-220	0	Q2													
	LM1117DT-3.3/NOPB	LM1117-3V3 (TO252 SMT)	TO-252-220	1	Q2													
	LM1117T-5.0/NOPB	LM1117-5V0 (TO220)	TO-252-220	0	Q1													
	LM1117DT-5.0/NOPB	LM1117-5V0 (TO252 SMT)	TO-252-220	1	Q1													
		LED	LED	3	D3	D2	D1											
X410-ND		5.00MHz	XTAL HC49US	3	X21	X11	X31											
300-8478-ND		6.00MHz	XTAL HC49US	0	X21	X11	X31											
P8X32A-D40-ND		P8X32A	DIP40	3	U11	U21	U31											
AT24C512B-PU-ND		AT24C512	DIP8 SSIDE	3	U12	U32	U22					**mounted on solder side**						
AT24C1024B-PU-ND		AT24C1024	DIP8 SSIDE	0	U12	U32	U22					**mounted on solder side**						
	AS6C4008-55PCN	AS6C4008	DIP32	3	U13	U24	U23											
		SRAM 2Mx8	DIP33-36	0		U24A	U23A											
	MM74HC573N	74HC573	DIP20/DIP SSIDE	2	U15	U25						**U25 mounted on solder side**						
W25X80AVDAIZ-ND		W25X80 1MB (optional up to	DIP8	2	U16	U26												
768-1007-1-ND		FT232RL	TSSOP28	1	U91													
CP-202B-ND		CP202B (2.5mm)	J CP202B PWR	1	J1													
CP-202A-ND		CP202A (2.1mm)	J CP202B PWR	0	J1													
679-1854-ND		679-1854-ND 0.3A	SW SPST	1	SW1													
679-1861-ND		679-1861-ND 0.5A	SW SPST	0	SW1													
CP-4060-ND		2 @ CP-4060-ND PS2	J CP4060 PS4	2	J12	J13												
609-2802-ND		609-2802-ND VGA	J 2802 VGA	1	J14													
CP-1403-ND		CP-1403-ND RCA	J CP1403 RCA	1	J15													
HR1941CT-ND		microSD	MICROSD HRS	1	J22													
WM17115-ND		WM17115-ND miniUSB-B	J USB BM	1	J91													
		Link 1x2	PIN 1X2	2	LK2	LK1												
		Link 2x2	PIN 2X2	3	LK3	LK5	LK4											
		Link 2x8	PIN 2X8	1	LK11													
		Link 3x8	PIN 3X8	1	LK12													
		TP	PIN 1X1	5	5V0	LED3	LED2	LED1	5V									
		Power	BLK 1X2 PWR	2	J4	J5												
		Power	BLK 1X4 PWR	2	J2	J3												
		PropPlug (input)	BLK P-PLUG	3	J31	J21	J11											
		PropPlug (output)	BLK P-PLUG2	1	J92													
		PinHdr 1x4	PIN 1X4	1	J33													
		1x8	PIN 1X8	1	J34													
		2x10	BLK S-STUDIO	2	SS2	SS1												
		2x22	BLK44A	1	J32													
3M5470-ND		IC Socket 32 0.6"		0														
3M5471-ND		IC Socket 40 0.6"		0	(alternate p/n 3M5483-ND)													
25505K-ND		Nylon standoff hex M/F M3 20mm		5														
29341K-ND		Nylon screw M3 6mm		5														