Hack-A-Drone

Bill Of Materials

Fab Academy 2015
Final Project by:
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Part #	Part Name	Description	Qty	Units	Picture	Unit Cost	Cost
1	frame	birch plywood panel 60x60 cm	1	panel		12,00 €	12,00 €
1	frame	polyplat panel 5mm thickness	1	panel		7,00 €	7,00 €
1	frame	epoxy resin 300 gr	1				- €
1	frame	carbon fiber ribbon	3	meter		6,00 €	18,00 €
							- €
2	protection structure	polystyrene panel 1260x60 cm	1	panel		6,50 €	6,50 €
2	protection structure	epoxy resin 150 gr	1				- €
							- €
3	flight controller board	Led yellow sdm 1206	1	pcs		0,05 €	0,05 €
3	flight controller board	Led green sdm 1206	1	pcs		0,12 €	0,12 €
3	flight controller board	resistor 499 omh	2	pcs		0,03 €	0,06 €
3	flight controller board	capacitor 22pf	2	pcs		0,05 €	0,10 €
3	flight controller board	capacitor 1uf	1	pcs		0,06 €	0,06 €

Part #	Part Name	Description	Qty	Units	Picture	Unit Cost	Cost
3	flight controller board	capacitor 10uf	1	pcs		0,15 €	0,15 €
3	flight controller board	capacitor 100pF	1	pcs		0,04 €	0,04 €
3	flight controller board	16 mhz Crystal	1	pcs		0,20 €	0,20 €
3	flight controller board	ATMEGA 328	1	pcs		2,78 €	2,78 €
3	flight controller board	resistor 10K	1	pcs		0,03 €	0,03 €
3	flight controller board	banana plug 2mm - a pair (male and female)	20	pcs		0,75 €	15,00 €
3	flight controller board	pin header	20	pcs		0,04 €	0,89 €
3	flight controller board	IMU 10DOF by Drotek	1	pcs		11,50 €	11,50 €
							- €
4	other part	plastic propeller 8045 - a pair (1 CW - 1 CCW)	2	pcs		4,99 €	9,98 €
4	other part	MultiStar & Afro Combo Pack - 2206 Baby Beast Motor and 12A Afro ESC Set of 4 CW/CCW	1	kit		109,00 €	109,00 €
4	other part	Turnigy 9X 9Ch Transmitter w/ Module & 8ch Receiver	1	kit		95,00 €	95,00 €
4	other part	Turnigy 1300mAh 3S 30C Lipo Pack	1	pcs		10,20 €	10,20 €
	Total		**66**				**298,66 €**