

BOM level	Part No.	Description	Source	Manufacturing	Material	Manufacturer	Manufacturer part No.	Unit Weight	QTY 1	QTY 2	Unit	Unit Cost 1	Ext. Cost 1	Ext. Unit Cost 2	Ext. Cost 2	Notes
1	GIM01	2-Axis GoPro Gimbal - PLA							1	1000	EA					
2	GIM01-01	Mechanical Hardware - PLA							1	1000	EA					
3	AM001	Main case - PLA	MTS	FDM, 0.10MM Layer Thickness	1.75MM PLA Layer			60g	1	1000	EA	2,98 €	2,98 €	2,98 €	2980,00 €	
3	AM003	Arm - PLA	MTS	FDM, 0.10MM Layer Thickness	1.75MM PLA Layer			28 g	1	1000	EA	1,39 €	1,39 €	1,39 €	1390,00 €	
3	AM004	Cover Piece - PLA	MTS	FDM, 0.10MM Layer Thickness	1.75MM PLA Layer			22g	1	1000	EA	1,11 €	1,11 €	1,11 €	1110,00 €	
3	AM005	Hook - PLA	MTS	FDM, 0.10MM Layer Thickness	1.75MM PLA Layer			10g	1	1000	EA	0,52 €	0,52 €	0,52 €	520,00 €	
3	EL003	Frame IMU For SimpleBGC 32-bit	OTS			BaseCam Electronics	-		1	1000	EA	18,90 €	18,90 €	6,05 €	6050,00 €	
3	BGM001	Brushless DC Gimbal Motor	OTS			iFlight-RC Ltd	GBM3506H-130T		2	2000	EA	42,90 €	85,80 €	13,73 €	27460,00 €	
3	GASK001	V-Ring VA 40 NBR	OTS			F.P. MODENA Srl	VA 40 NBR		2	2000	EA	0,62 €	1,24 €	0,05 €	100,00 €	
3	ROD001	Mini Rod R1X55	OTS			MISUMI Europe GmbH	MRS2.0-55		1	1000	EA	2,60 €	2,60 €	2,13 €	2130,00 €	
3	FAS001	Flat Head Cap Screw M3X6	OTS			MISUMI Europe GmbH	SFB3-6		6	6000	EA	0,27 €	1,62 €	0,15 €	900,00 €	
3	FAS002	Flat Head Cap Screw M3X8	OTS			MISUMI Europe GmbH	SFB3-8		2	2000	EA	0,27 €	0,54 €	0,15 €	300,00 €	
3	FAS003	Cross Recessed Flat Head Machine Screw M4X10	OTS			MISUMI Europe GmbH	SFBJ4-10		4	4000	EA	0,40 €	1,60 €	0,04 €	160,00 €	
3	FAS004	Self-Tapping Insert/Slotted M4	OTS			MISUMI Europe GmbH	ENT4-8		4	4000	EA	0,98 €	3,92 €	0,78 €	3120,00 €	
3	FAS005	SFRM Phillips Recessed Metric Pan Head M3X8	OTS			APM-HEXSEAL CORP	SFRM3X8MM-2701		12	12000	EA	0,72 €	8,64 €	0,23 €	2760,00 €	
3	GASK002	GoPro Housing Gasket	OTS			GoPro Inc	-		1	1000	EA	0,00 €	0,00 €	0,00 €	0,00 €	Owned by the customer (Included with the GoPro Camera)
2	GIM01-02	Battery Pack - PLA							1	1000	EA					
3	AM002	Electronics Holder - PLA	MTS	FDM, 0.10MM Layer Thickness	1.75MM PLA Layer			21 g	1	1000	EA	1,00 €	1,00 €	1,00 €	1000,00 €	
3	EL001	Basecam SimpleBGC 32-bit Tiny	OTS			BaseCam Electronics	-		1	1000	EA	99,00 €	99,00 €	31,68 €	31680,00 €	
3	EL002	Serial BT Adapter HC06	OTS						1	1000	EA	13,90 €	13,90 €	0,36 €	360,00 €	
3	FAS006	Hex Nut M3 JIS Class 3	OTS			MISUMI Europe GmbH	KNTR3		4	4000	EA	0,41 €	1,64 €	0,12 €	480,00 €	
3	BAT001	Nitecore 14500 Li-ion Rechargeable Battery 3,7v	OTS			NITECORE Co. Ltd	NL147		2	0	EA	12,99 €	25,98 €			Used for the first prototype only
3	BAT002	Generic 14500 Li-ion Rechargeable Battery 3,7 v	OTS						0	2000	EA			0,50 €	1000,00 €	Used for 1000 PCS. batch production
3	EL004	Ferrite Core 6MM OD	OTS			Würth Electronics Inc	742700221		2	2000	EA	1,05 €	2,10 €	0,09 €	180,00 €	
3	EL005	Cannibalized* Battery Contacts	OTS			MPD (Memory Protection Devices)	6S-AA		2	0	EA	0,97 €	1,94 €			* - from the original 6S-AA Battery Holder (Used for the first prototype only)
3	EL006	Battery Contacts	OTS						0	2000	EA			0,01 €	20,00 €	Used for 1000 PCS. batch production
3	EL007	2.54MM Pitch, Male Pin Dupont Connector	OTS						6	6000	EA	0,10 €	0,60 €	0,01 €	60,00 €	
3	EL008	2.54MM Pitch, Female Socket Dupont Connector	OTS						6	6000	EA	0,10 €	0,60 €	0,01 €	60,00 €	
3	EL009	2.54MM Pitch, 1POS Dupont Connector Housing	OTS						6	6000	EA	0,10 €	0,60 €	0,01 €	60,00 €	
3	EL010	2.54MM Pitch, 3POS Dupont Connector Housing	OTS						2	2000	EA	0,00 €	0,00 €	0,00 €	0,00 €	Included with SimpleBGC 32-bit Tiny
3	EL011	1.25MM Pitch, 9POS Wire-to-Board Connector Header	OTS			TE Connectivity Ltd	440146-9		1	1000	EA	0,00 €	0,00 €	0,00 €	0,00 €	Included with SimpleBGC 32-bit Tiny
3	EL012	IMU Cable Connector	OTS						1	1000	EA	0,00 €	0,00 €	0,00 €	0,00 €	Included with Frame IMU For SimpleBGC 32-bit
2	DELTA2040	Wasp Delta 2040 3D printer	OTS			WASP	-		0	10	EA	1500,00 €	0,00 €	1500,00 €	15000,00 €	
2	EC	Energy Costs for 3D printing production							4,14	4140	KWH	0,22 €	0,91 €	0,22 €	910,80 €	
												TOT 1	279,13 €	TOT 2	99790,80 €	

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	TITLE: Manufacturing BOM	SHEET 1.2
	PROJECT: 2-Axis GoPro Camera Stabilizer	SCALE 1:1
		