

Qty	Description	Device	Package	Value	Unit Price	Total	Supplier	Code	Parts
<b>Body components and small hardware</b>									
1	4mm Acrylic glass sheet		DIN A4	30cm x 20cm		3,59 €	Hardware store		
1	PLA filament	limited quantity (to be verified)				- €	FabLab Inventory		
2	60mm by 3mm O-rings			60mm	0,60 €	1,20 €	Hardware store		
16	iron M3 metric screws 16mm			m3 x 16mm	0,22 €	3,52 €	Hardware store		
4	Nylon M3 metric screws 20mm			m3 x 16mm	0,10 €	0,40 €	Hardware store		
12	metal M3 washers				0,01 €	0,12 €	Hardware store		
6	hex M3 nuts				0,08 €	0,48 €	Hardware store		
1	4mm ø hollow plastic rod			91mm	0,25 €	0,25 €	Hardware store		
1	marble			ø=15mm					
1	pen					- €			
1	Single side copper circuit board	6"x4"			0,70 €	0,70 €	FabLab Inventory		
<b>Electro-mechanic Elements</b>									
2	Stepper Motor: Bipolar,	200 Steps/Rev, 35x28mm, 10V, 0.5 A/Phase			14,89 €	29,78 €	Electran.com		
1	9V. Battery				1,90 €	1,90 €	Electran.com		
3	Batería de Polímero de Ion Litio	LiPo 2000mA 3.7V.		3.7V. 2000mAH	9,45 €	28,35 €			
1	Servo Micro Tower Pro				5,85 €	5,85 €	Electran.com		
<b>Main Board</b>									
1	Microcontroler ATMEGA328P-AU	IC MCU 8bit 32kB flash	TQFP32-08THIN		1,92 €	1,92 €	FabLab Inventory		US1
1	Voltage Regulator LM3480IM3-5.0	NOPBCT-ND	SOT23	5V. 100mA	0,32 €	0,32 €	FabLab Inventory		LM3480_5V
1	CRYSTAL		CS10	16MHz		- €			Q2
2	DIODE	Diode Schottky 100V SGL	SOD123		0,17 €	0,34 €	FabLab Inventory	497-5559-1-ND	SCHOTTKY_1, SCHOTTKY_2
2	LED	Green / Blue Clear	1206		0,15 €	0,30 €	FabLab Inventory	160-1xx9-1-ND	PIN13LED, PWRLD
3	Resistor	Res 0.0 Ohm 1-4W 5%	1206	0 Ohm	0,01 €	0,02 €	FabLab Inventory	311-0.0ERCT-ND	R2, R5, R6
3	Resistor	Res 1.00K Ohm 1-4W 1%	1206	1K	0,01 €	0,02 €	FabLab Inventory	311-1.00KFRCT-ND	R1, R3, R4
2	Unpolarized Capacitor		1206	18pF		- €	FabLab Inventory		C4, C5
3	Unpolarized Capacitor	Cap Ceramic .1uF 250V X	1206	.1uF	0,12 €	0,35 €	FabLab Inventory	399-4674-1-ND	C3, C6, C7
2	Unpolarized Capacitor	Cap cer 10uF 35V Y5V	1206	10uF	0,18 €	0,37 €	FabLab Inventory	587-1352-1-ND	C1, C2
1	OMRON SWITCH	Switch tact w-gnd 160GF	6mm_SWITCH SMD		0,74 €	0,74 €	FabLab Inventory	SW262CT-ND	S1
1	Jack Connector	Conn Pw rjack DC	0.65X2.75mm SMD	65mm	0,82 €	0,82 €	FabLab Inventory	CP1-023PICT-ND	J1
1	Header 2	M02LOCK female Pin Stri	1X02_LOCK		0,15 €	0,15 €	Electran.com		JP4
1	PIN HEADER	MA03-1 female Pin Strip	MA03-1		0,22 €	0,22 €	Electran.com		SV2
1	4 PIN HEADER	MA04-1 female Pin Strip	MA04-1		0,30 €	0,30 €	Electran.com		CON_ACCEL
3	6 PIN HEADER	PINHD-1X6 female Pin St	1X06		0,45 €	1,35 €	Electran.com		FTDI, MOT_LEFT, MOT_RIGHT
2	PIN HEADER	PINHD-2X3-SMD	2X03SMD			- €	FabLab Inventory		ICSP, JP_SERVO
1	2 SMT pin pads	Terminal block 3.5mm 2P	SCREW_2		0,46 €	0,46 €	FabLab Inventory	ED1514-ND	POWER
<b>Motor Driver Shields (for 2 shields)</b>									
4	H-bridge		8SOIC		1,57 €	6,30 €	FabLab Inventory	620-1428-1-ND	
4	Unpolarized Capacitor	Cap Ceramic .1uF 250V X	1206	.1uF	0,12 €	0,46 €	FabLab Inventory	399-4674-1-ND	
4	Unpolarized Capacitor	Cap cer 10uF 35V Y5V	1206	10uF	0,18 €	0,74 €	FabLab Inventory	587-1352-1-ND	
2	4 PIN HEADER	MA04-1 female Pin Strip	MA04-1		0,30 €	0,60 €	Electran.com		
2	6 PIN HEADER	PINHD-1X6 male 90° Pin !	1X06		0,45 €	0,90 €	Electran.com		
<b>Battery Charger</b>									
	Under develeopment					- €			
	Under develeopment					- €			
	Under develeopment					- €			
<b>Accelerometer Shield</b>									
1	Acclerómetro ADXL335 3 axis				21,90 €	21,90 €	Electran.com		
	Under develeopment					- €			
	Under develeopment					- €			
	Under develeopment					- €			

**Total Cost**

**114,70 €**