

ELECTRIC COMPONENTS					
Index	Quantity	Description	Price Prototype [€]	Extended Price EUR with VAT [€]	Link
1	2	JUMPER WIRE M/F 6" 20PCS	1.94	2.38	https://www.digikey.pt/en/products/detail/PRT-12794/1568-1511-ND/5993859
2	2	JUMPER WIRE M/M 6" 20PCS	1.94	2.38	https://www.digikey.pt/en/products/detail/PRT-12795/1568-1512-ND/5993860
3	1	BREADBRD TERM STRIP 6.50X2.13"	6.65	8.17	https://www.digikey.pt/en/products/detail/GS-830/BKGS-830-ND/5231309
4	1	CAP ALUM 1UF 20% 50V RADIAL	0.22	0.27	https://www.digikey.pt/en/products/detail/UVK1H010MDD1TD/493-12567-1-ND/4328648
5	1	CAP CER 0.1UF 630V X7R RADIAL	0.83	1.02	https://www.digikey.pt/en/products/detail/RDER72J104K4M1H03A/490-9258-1-ND/4772420
6	1	IC REG LINEAR 5V 1.5A TO220AB	0.54	0.66	https://www.digikey.pt/en/products/detail/L7805CV/497-1443-5-ND/585964
7	1	CABLE A PLUG TO MCR B PLUG 6'	3.41	4.19	https://www.digikey.pt/en/products/detail/3025013-06/Q855-ND/4341884
8	1	ADAPT TERM BL 2POS TO 2.1MM JCK	1.85	2.27	https://www.digikey.pt/en/products/detail/368/1528-1386-ND/5629434
9	2	RES 10K OHM 5% 1/4W AXIAL	0.09	0.22	https://www.digikey.pt/en/products/detail/CF14JT10K0/CF14JT10K0CT-ND/1830374
10	1	MOSFET N-CH 60V 30A TO220-3	1.41	1.73	https://www.digikey.pt/en/products/detail/FQP30N06/FQP30N06FS-ND/1055132
11	1	CO2 SENSOR XENSIVTM	-	-	https://www.digikey.pt/pt/products/detail/infineon-technologies/EVALPASCO2MINIBOARDOBO1/14560477
12	1	DIODE GEN PURP 50V 1A DO41	0.19	0.23	https://www.digikey.pt/en/products/detail/1N4001-TP/1N4001-TPMSCT-ND/773688
13	1	SOLENOID VALVE ONEWAY FREE HANG	8.26	10.16	https://www.digikey.pt/en/products/detail/ROB-10456/1568-1365-ND/5684378
14	1	ESP32-CAM 2MP WIFI+BT AI-THINKER	10.53	12.95	https://www.digikey.pt/en/products/detail/dfrobot/DFR0602/10385116
15	1	SHT20 SENSOR HUMID/TEMP	3.46	4.26	https://www.digikey.pt/pt/products/detail/dfrobot/SEN0527/18069260
16	1	FAN AXIAL 30X8MM 5VDC	3.23	3.97	https://www.digikey.pt/en/products/detail/adafruit-industries-llc/3368/6680553
17	1	AC/DC WALL MOUNT ADAPTER 12V 12W	7.72	9.50	https://www.digikey.pt/en/products/detail/ideal-power-ltd/15DYS812-120100S-2-2-5/12818243
18	1	LIGHT SENSOR ADAFRUIT	-	-	https://pt.mouser.com/ProductDetail/Adafruit/1918?qs=GURawfaeGuCujPszkmg6xA%3D%3D
19	1	SERVOMOTOR 4.8V	-	-	https://www.digikey.pt/en/products/detail/dfrobot/SE-R0006/7597224

20	1	WATER FLOAT SWITCH	6.10	7.50	https://www.aquario.pt/en/product/velleman-sensor-de-nivel-de-agua---normalmente-aberto-floodsw1
Total (FREE shipping above 50 €)			62.34	71.86	

MATERIALS					
Index	Quantity	Description	Price Prototype [€]	Extended Price EUR with VAT [€]	Link
21	1	Transparent synthetic glass plate 500X500X2MM	4.22	5.19	https://www.leroymerlin.pt/produtos/madeiras-e-acrilicos/vidros/acrilico-e-vidro-sintetico/placa-de-vidro-sintetico-transparente-500x500x2mm-81902608.html
22	3	Hinge thin galvanized plate 60x35 mm	1.21	1.49	https://www.leroymerlin.pt/produtos/ferragens/ferragens-para-moveis/dobradicas-para-moveis/dobradica-chapa-fina-zincada-60x35-mm-15040326.html
23	1	100 screws 2.5X10MM	3.41	4.19	https://www.leroymerlin.pt/produtos/ferragens/ferragens-de-fixacao/parafusos/100-parafusos-pozidriv-2-5x10mm-14676536.html
24	1	25 screws 3.5X35	1.13	1.39	https://www.leroymerlin.pt/produtos/ferragens/ferragens-de-fixacao/parafusos/25-parafusos-standers-plano-oval-pz-cromado-3-5x35-82231799.html
25	1	MDF board 1200X600X10MM	8.12	9.99	https://www.leroymerlin.pt/produtos/madeiras-e-acrilicos/paineis-para-construcao/mdf/placa-de-mdf-1200x600x10mm-11034310.html
26	1	Carbon Filter Material	13.93	17.13	https://www.leroymerlin.pt/produtos/cozinhas/grandes-eletrrodomesticos/acessorios-de-eletrrodomesticos/filtro-de-coifa-de-carbono-nedis-compativel-com-universal-indicador-de-substituicao-cortavel-88662276.html?src=clk
27	1	Sikaseal 170 transparent sealant	3.24	3.99	https://www.leroymerlin.pt/produtos/tintas-e-drogaria/silicones-espumas-expansivas-e-acessorios/silicones/silicones-para-cozinhas-e-casas-de-banho/selante-sikaseal-170-transparente-88018064.html
28	1	GEOLIA faucet connector 3/4 female	1.54	1.89	https://www.leroymerlin.pt/produtos/jardim/regia/regia-gota-a-gota/ligacao-torneira-geolia-3-4femea-14112721.html
29	1	Roll of PEX tube 20X2MM 5M	6.33	7.79	https://www.leroymerlin.pt/produtos/canalizacao/tubos-e-sistemas-de-agua/tubos-pex/rolo-tubo-pex-20x2mm-5m-15152704.html

30	1	Plastic furniture protection cover 5x4m 5m PP	1.05	1.29	https://www.leroymerlin.pt/produtos/tintas-e-drogaria/rolos-pinceis-e-baldes-para-pintura/protectors-para-pintura/papeis-e-plasticos-para-protecao-de-pintura/plastico-protecao-para-moveis-5x4m-5m-pp-82261722.html?src=clk
Total (Buy it in local stores)			44.18	57.32	