

Bill of Materials

ITEM NO.	PART NUMBER	CONFIG NAME	Supplier	PURCHASING LINK	Price	QTY.
1	P01_Chassis	Two Color Print				1
2	P02_Drill	Default				1
3	P03_Bogie_Bearing	Default				3
4	P15_DCDC_Holddown	Default				2
5	P04_Battery_Holddown	Default				1
6	Parallax-Servo	Steering Modded	Rs-Online	https://nl.rs-online.com/web	16.00 €	6
7	Parallax-Servo-Horn	Default		come with motor		12
8	Parallax-Servo-Screw	Default		come with motor		12
9	P28_Wheel_Bracket_Split	Left Wiring				3
10	Parallax-Servo	Continuous	Rs-Online	https://nl.rs-online.com/web	16.00 €	6
11	P29_Wheel_Bracket_Fixing_Plate	Default				6
12	P30_Wheel	Default				6
13	P32_Wheel_Fixing_Plate_U_Shape	Default				6
14	Button Head M4x10	Button Head M4x10	Rs-Online	https://nl.rs-online.com/web	0.1281	54
15	SCB3_8	Socket Head M3x8	Rs-Online	https://nl.rs-online.com/web	0.1811	51
16	P28_Wheel_Bracket_Split	Right Wiring				3
17	P19_Bogie	Two Color Print				1
18	P17_Bogie_Cable_Cover	Rear Cover				1
19	Button Head M4x16	Button Head M4x16	Rs-Online	https://nl.rs-online.com/web	0.1281	6
20	SFB3_6	Countersink Head M3x6	Rs-Online	https://nl.rs-online.com/web	0.127	11
21	Button Head M5x30	Button Head M5x30	Rs-Online	https://nl.rs-online.com/web	0.2384	3
22	Zip_Tie	Bogie				6
23	Servo Extension Cable	Left	Conrad	https://www.conrad.nl/p/mo	3.85 €	1
24	Servo Extension Cable	Right	Conrad	https://www.conrad.nl/p/mo	3.85 €	1
25	Servo Extension Cable	Default	Conrad	https://www.conrad.nl/p/mo	3.85 €	6
26	P19_Bogie	Side				2
27	P17_Bogie_Cable_Cover	Two Color Print				2
28	Zip_Tie	Body				7
29	P13_Port_Cover	Default				1
30	P14_Raspi_Holder	Default				2
31	P11_Top	Default				1
32	P20_Head	Default				1

33 P22_Eye_White	Default					2
34 P23_Eye_Pupil	Default					2
35 P24_Mouth_Latch	Default					1
36 P25_Mouth	Grin					1
37 P33_Cam_Holder_Flat	Default					1
38 Raspberry Pi Camera V2	Default	Conrad	https://www.conrad.nl/p/ras	28.12 €		1
39 P26_Hat	Eyebrows					1
40 SCB2_5	Socket Head M2x5	Rs-Online	https://nl.rs-online.com/web	0.0303		4
41 P21_Mast	Default					1
42 P12_Solar_Panel	Right					1
43 P12_Solar_Panel	Left					1
44 Raspberry Pi 4 Model B	Default	Conrad	https://www.conrad.nl/p/ras	58.00 €		1
45 Adafruit PWM Servo HAT	Default	Reichelt	https://www.reichelt.com/nl/	17.70 €		1
46 USB-C Plug	Default	Conrad	https://www.conrad.nl/p/joy	3.40 €		1
47 USB-Dongle	GamePad	Conrad	https://www.conrad.nl/p/log	47.00 €		1
48 DC_DC_VMA404	Default	Conrad	https://www.conrad.nl/p/ma	6.09 €		2
49 Conrad LiPo 3S 3000mAh - 1344138	Default	Conrad	https://www.conrad.nl/p/cor	30.00 €		1
50 Toggle Switch	Default	Conrad	https://www.conrad.nl/p/apc	2.40 €		1
51 Rocker Switch	Default	Reichelt	https://www.reichelt.com/nl/	1.12 €		1
52 Battery Alarm	Default	Conrad	https://www.conrad.nl/p/ree	11.00 €		1
53 Long_Camera_Cabel	Default	Conrad	https://www.conrad.nl/p/joy	8.00 €		1
54 Power_Switch_to_DCDC_Cable	Default					1
55 XT-60_Macho Male Pins	Default	Conrad	https://www.conrad.nl/p/ree	1.09 €		1
56 DCDC_to_PWM_Board_Cable	Default					1
57 Switches_to_DCDC_Cable	Default	Conrad	https://www.conrad.nl/p/alp	0.29 €		1
58 Battery_to_Switch_Cable	Default	Conrad	https://www.conrad.nl/p/alp	0.29 €		1
59 SCB3_20	Socket Head M3x20	Rs-Online	https://nl.rs-online.com/web	0.2006		4
60 M3-Insert	Brass Insert M3	Rs-Online	https://nl.rs-online.com/web	0.17 €		4
61 M2_5x11	Standoff M2.5x11	Rs-Online	https://nl.rs-online.com/web	0.8		3
62 Phillips Head M2.5x6	Phillips Head M2.5x6	Rs-Online	https://nl.rs-online.com/web	0.0279		3
63 Zip_Tie	Body Wide	Conrad	https://www.conrad.nl/p/wk	0.0239		2
64 Shrink_Tube	Default	Conrad	https://www.conrad.nl/p/ste	6		8
Total				514.5402		