

No	Pcs	Name	Type	memo	Part name	model	SHOP	URL	
1	2	Tire	Wheel	Wheel L=30,D35d20L300 2pcs	Natural Rubber (NR) Pipe Hardness 60 [Set of 2]	10167-1175-1	gomu.jp	https://gomu.jp/item/10167/10167-1175-1	
2	1	Linear shaft φ5L100	Shaft		Linear shaft φ5L100	YSSAA-5-100	MonotaRo	https://www.monotaro.com/g/01366180/?t.q=YSSAA%	
3	3	Linear shaft φ5L200	Shaft		Linear shaft φ5L200	YSSAA-5-200	MonotaRo	https://www.monotaro.com/g/01366180/?t.q=YSSAA%	
4	1	Linear shaft φ6L200	Shaft		Linear shaft φ6L200	YSSAA-6-200	MonotaRo	https://www.monotaro.com/g/01366180/?t.q=YSSAA%	
5	2	Linear shaft φ6L54	Shaft		Linear shaft φ6L54	YSSAA-6-54	MonotaRo	https://www.monotaro.com/g/01366180/?t.q=YSSAA%	
6	1	Linear shaft φ5L30	Shaft		Linear shaft φ5L30	YSSAA-5-30	MonotaRo	https://www.monotaro.com/g/01366180/?t.q=YSSAA%	
7	1	Stainless steel (303) precision shaft φ3L145	Shaft		Stainless steel (303) precision shaft φ3L145	SRU-3145	WILCO.JP	https://wilco.jp/products/U/SRU-300.html	
8	1	Stainless steel (303) precision shaft φ3L45	Shaft		Stainless steel (303) precision shaft φ3L45	SRU-345	WILCO.JP	https://wilco.jp/products/U/SRU-300.html	
9	3	Qtr-1a-reflectance-sensor	Sensor		QTR-1A Reflectance Sensor	QTR-1A	JSUMO	https://www.pololu.com/product/2458	
10	8	JS200xf-sensor	Sensor	Sensor lens needs to be glued	JS200XF Infrared Long Range Sensor	JS200XF	JSUMO	https://www.jsumo.com/js200xf-infrared-long-range-se	
11	1	GP2Y0E03	Sensor		GP2Y0E03	GP2Y0E03	digikkey	https://www.digikkey.jp/ia/products/detail/sharp-socle-	
12	1	PM-U25	Sensor		PM-U25	PM-U25	MonotaRo	https://www.monotaro.com/p/2476/6866/?t.q=PM-U2	
13	1	Breaker fuse 40A	Sensor	40A	Breaker fuse 40A	E-T-A 1616-21	New Japan Yacht Co.,Ltd.	https://www.njy.co.jp/2019/08/20/%e3%83%96%e3%8	
14	3	Screw + pan B tight 2x6	Screw	B tight	Screw + pan B tight 2x6	FBP-0206EB	WILCO.JP	https://wilco.jp/products/F/FPB-FB.html#page1	
15	2	Hex socket head bolt M2x10	Screw	Hex socket head bolt	Hex socket head bolt M2x10	UC-0210	WILCO.JP	https://wilco.jp/products/U/UC.html	
16	4	Hex socket head bolt M2x4	Screw	Hex socket head bolt	Hex socket head bolt M2x4	UC-0204	WILCO.JP	https://wilco.jp/products/U/UC.html	
17	4	Hex socket head bolt M3x16	Screw	Hex socket head bolt	Hex socket head bolt M3x16	UC-0316	WILCO.JP	https://wilco.jp/products/U/UC.html#page4	
18	24	M3L6 Super low head bolt with hexagon socket	Screw	Hex socket head bolt	M3L6 Super low head bolt with hexagon socket	USLC-0306	WILCO.JP	https://wilco.jp/products/U/USLC.html#page1	
19	2	M2 nuts Type 3	Screw	nut	M2 nuts Type 3	FNT-02N-3	WILCO.JP	https://wilco.jp/products/F/FNT-N-3.html	
20	12	M2.6 Nut 3 types	Screw	nut	M2.6 Nut 3 types	M2.6-26N-3	WILCO.JP	https://wilco.jp/products/F/FNT-N-3.html	
21	4	M3 nut Type 3	Screw	nut	M3 nut Type 3	FNT-03N-3	WILCO.JP	https://wilco.jp/products/F/FNT-N-3.html	
22	12	M3L6 + pan head screw	Screw	pan head	M3L6 + pan head screw	U-0306	WILCO.JP	https://wilco.jp/products/U/U.html#page4	
23	19	Screw_M2.6 Plate No. 0 Type 1 L10	Screw	Plate	Screw_M2.6 Plate No. 0 Type 1 L10	M2.6 × 10.0	MonotaRo	https://www.monotaro.com/p/4263/0743/?t.q=0%94%9	
24	5	Screw_M2.6 Plate No. 0 Type 3 L5	Screw	Plate	Screw_M2.6 Plate No. 0 Type 3 L5	M2.6 × 5.0	MonotaRo	https://www.monotaro.com/p/4495/7954/?t.q=M2.6%8	
25	12	M2.5L8 Hex Socket Set Screw	Screw	Set Screw	M2.5L8 Hex Socket Set Screw	2.5 × 8	MonotaRo	https://www.monotaro.com/p/4154/2934/?t.q=M2.5%8	
26	7	M3L5 Stainless Hex Socket Set Screw/Flat Point Nissan Screw	Screw	Set Screw	M3L5 Stainless Hex Socket Set Screw/Flat Point Nissan Screw	UHSN-0305-F	WILCO.JP	https://wilco.jp/products/U/UHSN--F.html	
27	2	RE35	Motor		MAXON RE35	273752	MAXON ONLINE SHOP	https://www.maxongroup.com/maxon/view/product/27	
28	16	Magnet D20t5	Magnet		Magnet D20t5	ネオジウム磁石 φ20×5	Sangyo supply	https://www.e-sangyo.jp/neo/r/item/neo-d20X5.html	
29	4	Magnet D18t5	Magnet		Magnet D18t5	ネオジウム磁石 φ18×5	Sangyo supply	https://www.e-sangyo.jp/neo/r/item/neo-d18X5.html	
30	8	Magnet D15t2	Magnet		Magnet D15t2	ネオジウム磁石 φ15×2	Sangyo supply	https://www.e-sangyo.jp/neo/r/item/neo-d15X2.html	
31	2	Magnet D8t3	Magnet		Magnet D8t3	ネオジウム磁石 φ8×3	Sangyo supply	https://www.e-sangyo.jp/neo/r/item/neo-d8X3.html	
32	1	LiPo 2S 1300mAh	LiPo	KYPOM,K6,35C70C	LiPo 2S 1300mAh	Kypom K6 7.4V 1300mAh 35C70C	ホビーショップ青空	https://store.shopping.yahoo.co.jp/hs-aozora/a271100f	
33	2	LiPo 3S 1300mAh	LiPo	KYPOM,K6,35C70C	LiPo 3S 1300mAh	Kypom K6 11.1V 1300mAh 35C70C	ホビーショップ青空	https://store.shopping.yahoo.co.jp/hs-aozora/a271102c	
34	3	Aron Alpha EXTRA Fast-acting, multi-purpose, low-viscosity type	Glue	Magnet,Sensor base	Aron Alpha EXTRA Fast-acting, multi-purpose, low-viscosity type	335-0681	MonotaRo	https://www.monotaro.com/p/3704/2862/?c_med=pl	
35	1	Permatex ThredLocker Red	Glue	Gear Rock	PTX26210 [High Strength Threadlocker (Red) (10ml)]	PTX26210	Yodobashi.com	https://www.yodobashi.com/product/10000000100556	
36	2	SG08M13T	Gear		0.8 Module (32 Pitch) 13T Pinion Gear - (Ø6mm Hole)	SG08M13T	JSUMO	https://www.jsumo.com/08-module-32-pitch-13t-pinio	
37	2	SG08M18T40TUL	Gear		Concentric Ultra Light Double Gear (0.8 Module 18T- 40T) Ø6mm	SG08M18T40TUL	JSUMO	https://www.jsumo.com/concentric-ultra-light-double-g	
38	2	SG08M38T	Gear		0.8 Module (32 Pitch) 38T Steel Spur Gear Ø12mm	SG08M38T	JSUMO	https://www.jsumo.com/08-module-32-pitch-38t-steel	
39	1	3 wire cord for radio control signals	Cord	Sensor Cord	30-core cord 5m	OK-47567	Super-RC.co.jp	https://www.super-rc.co.jp/rc/product/view?id=10803	
40	1	Silicone cord 14AWG	Cord	BATT	Silicone cord 14AWG	3A7A	KKHOBBY.COM	https://www.kkhobby.com/SHOP/PT068.html	
41	1	Silicone cord 16AWG	Cord	MD,MOTOR	Silicone cord 16AWG	3A7B	KKHOBBY.COM	https://www.kkhobby.com/SHOP/PT067.html	
42	3	Anderson Connector 1327Red	Connector	Red	Anderson Connector 1327Red	1327	Powerwerx	https://powerwerx.com/anderson-powerpole-colored-h	
43	2	Anderson Connector 1327Black	Connector	Black	Anderson Connector 1327Black	1327G6	Powerwerx	https://powerwerx.com/anderson-powerpole-colored-h	
44	4	Anderson Connector Contact 15Amp	Connector	15Amp	Anderson Connector Contact 15Amp	1332	Powerwerx	https://powerwerx.com/anderson-1332-powerpole-con	
45	1	Anderson Connector Contacts 30Amp	Connector	30Amp	Anderson Connector Contacts 30Amp	1331	Powerwerx	https://powerwerx.com/anderson-1331-powerpole-con	
46	4	XT30 connector male	Connector	MD	XT30 connector male	XT30U-M	marutsu	https://www.marutsu.co.jp/pc/i/1359456/	
47	4	XT30 connector female	Connector	MD	XT30 connector female	XT30U-F	marutsu	https://www.marutsu.co.jp/pc/i/1359455/	
48	2	Robot Start Module	Board	Generally only one of these is used.	Official MicroStart Sumo & Minisumo Robot Start Module	JS15878	JSUMO	https://www.jsumo.com/microstart-sumo-minisumo-ro	
49	1	Sumotech Arduino Based Sumo Robot Board_2 v4	Board	This is different in shape from the board being mounted.	Sumotech Arduino Based Sumo Robot Board (With Arduino Nano)	T876	SUMOZADE	https://www.sumozade.com/product/sumotech-arduinc	
50	0	EVO 40 Ampers Dual Motor Driver 8-33Vx40A_2 v4	Board	max 7s. Do not 8s.	EVO 40 Ampers Dual Motor Driver 8-33Vx40A	T864	SUMOZADE	https://www.sumozade.com/product/evo-40-ampers-d	
51	4	Pololu High-Power Motor Driver 36v15	Board	OUT OF STOCK		760	760	Pololu	https://www.pololu.com/product/760
52	1	Safety Board	Board	A board that controls signals from the microcomputer and motor driver. Generally not required.					
53	4	No5 blade	Blade	OUT OF STOCK	Japan Sumo Robot Blade No:5	817	SUMOZADE	https://www.sumozade.com/product/japan-sumo-robo	
54	2	6802ZZ	Bearing		Bearing D24d15t5	SS6802ZZ	MonotaRo	https://www.monotaro.com/p/5313/5103/	
55	6	Bearing D16d5t5	Bearing		Bearing D16d5t5	DDR-1650HH	MonotaRo	https://www.monotaro.com/p/0953/7744/	
56	6	R-1350	Bearing		Bearing D13d5t4	DDR-1350ZZ	MonotaRo	https://www.monotaro.com/p/0953/7701/?t.q=DDR-1	
57	8	L-1260ZZ	Bearing		Bearing D12d6t4	DDL-1260ZZ	MonotaRo	https://www.monotaro.com/p/0953/8523/?t.q=DDL-12	
58	2	GFM-1315-06	Bearing		iglide® G300, sleeve bearing with flange, mm	GFM-1315-06	MonotaRo	https://www.monotaro.com/p/7058/3616/	
59	4	DDL-1050ZZ	Bearing		DDL-1050ZZ	DDL-1050ZZ	MonotaRo	https://www.monotaro.com/p/0953/8471/?t.q=DDL-10	
60	1	Shim plate hardened steel0.3w42L200	Amor	t0.3w42L200	Shim plate hardened steel0.3w42L200	TY50-200-03	MonotaRo	https://www.monotaro.com/p/4578/9703/	
61	1	Front armor L200W40t0.3	Amor	t0.3W40L200	Front armor L200W40t0.3	TY50-200-03	MonotaRo	https://www.monotaro.com/p/4578/9703/	
62	1	Outer frame L	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA		
63	1	Inner frame L	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA		
64	1	Center frame	3DP	ABS,P0.2mm	ABS Filament	Red	AFINIA		
65	1	Top cover	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA		
66	1	Rear cover	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA		

67	1	Blade base L	3DP	ABS,P0.2mm,Polycarbonate may be a better choice.	ABS Filament	Black	AFINIA	
68	1	Blade base C	3DP	ABS,P0.2mm,	ABS Filament	Black	AFINIA	
69	1	Blade base R	3DP	ABS,P0.2mm,Polycarbonate may be a better choice.	ABS Filament	Black	AFINIA	
70	1	Stopper	3DP	ABS,P0.2mm	ABS Filament	White	AFINIA	
71	2	Rim	3DP	ABS,P0.3mm	ABS Filament	White	AFINIA	
72	2	Motor cover RE35	3DP	ABS,P0.2mm	ABS Filament	White	AFINIA	
73	1	Outer frame R	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
74	1	Inner frame R	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
75	1	Battery holder	3DP	ABS,P0.2mm	ABS Filament	White	AFINIA	
76	1	Sensor base2	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
77	1	Sensor base Upper	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
78	1	Sensor base Lower L55	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
79	1	Sensor base Lower L80	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
80	1	Sensor base Lower R55	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
81	1	Sensor base Lower R80	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
82	1	Bracket main bord	3DP	ABS,P0.2mm	ABS Filament	Black	AFINIA	
83	2	jig	3DP	A spacer used when gluing gears and shafts. No data.				