

Store	Part	PN	qty needed	Link from TURKEY	PN
mechanical					
amazon	Wheel, urethane 83mm, with bearings (pair)	B07531B4GK	1	https://www.amazon.com.tr/Elektrikli-Scooter-Tekerlekleri-Longboard-Lastikleri/dp/B0C5W5FQ6N	B0C5W5FQ6N
				https://www.trendyol.com/prc/608-zz-rulman-8x22x7-10-adet-p-84773487	or
				https://www.amazon.com.tr/608ZZ-Rulmanlar%C4%B1-Ya%C4%9Flanm%C4%B1C5%9F-Performans-Rulmanlar/dp/B07JJ1SKL4	B07JJ1SKL4
	Corner bracket caps		4		
amazon	Bracket - 90deg aluminum, for 3030 (for chassis)	B07BQR7WX8	4	https://www.amazon.com.tr/sabitleme-malzemesi-VORXEON-3030-ali%C3%BCminyum/dp/B0BHW7SMZ5	B0BHW7SMZ5
Mcmaster	Timing Belt, 5mm pitch, 245mm length, 9mm width	B08PW2HD81	2		
Mcmaster	Hex Nut, M8 (for axle)	90591A161	2	https://www.n11.com/urun/somun-8-8li-paket-29046478	
Mcmaster	T-slot Framing Extrusion - 30mm x 1ft (for chassis)	5537T97	4	https://www.urhanshop.com/machifit-300mm-uzunluk-3030-t-slot-aluminyum-profiller-cnc-icin-ekstruzyon-cercevesi-u86308	
amazon	Caster wheels (for front)	B01J4FED5E	2	https://www.tekerteker.com/zet-4lu-tablali-tpe-doner-tekerlek-50-mm-cap	
Mcmaster	Screws - M8x110mm screw (axles)	91290A470	2	https://www.hirdavatim.com.tr/urun/m8-imbuz-civatalar-8-8-kalite-din-912-110-mm-m8	or
	M8 hex nut		2	https://www.amazon.com.tr/C%C4%B1vatalar%C4%B1-Alt%C4%B1gen-Somunlar-Tahrikli-Kaplama/dp/B08J2KFG5D	B08J2KFG5D
Mcmaster	Screws - M6 x 10mm (for casters & chassis brackets)	91239A316	23	https://www.amazon.com.tr/Paslanmaz-%C3%87elik-Alt%C4%B1gen-Soket-Yuvarlak/dp/B08M5NS8XR	B08M5NS8XR
Mcmaster	Screw, Flat head, M3x10mm (for motors 6)	92010A120	6	https://www.n11.com/urun/m3-x-10mm-duz-basli-plastik-civata-vida-siyah-x-5-adet-3481412	
amazon	Screw, self-tapping, M2 x 6mm, for plastic (for encdr brkt 4, ultrsnc brkt 4)	B00GQMDSRI	5	https://www.trendyol.com/sywoods/100-adet-6-5-mm-mini-hobi-vidasi-siyah-p-270315909	or
				https://www.amazon.com.tr/XFentech-Adet-M1-7-Kendinden-Kesen/dp/B08RRWBH8C	B08RRWBH8C
Mcmaster	Screw, M2.5x10mm countersunk (for battery case)	92010A020	4	https://www.ayazbaglant.com/ayaz-m2.5x10-paslanmaz-inox-yhb-vida-din965-a2-70-304-kalite-27iyhb2510	or
				https://www.amazon.com.tr/Ba%C5%9Fl%C4%B1-B%C3%BCy%C3%BCk-%C3%87apraz-K%C3%BCC3%A7C3%BCk-M2-M4-M2-555200/dp/B096DD3RPQ	B096DD3RPQ
Mcmaster	Screw, M2.5x6mm pan head (for motor driver mount 2, bbb lid 1)	92005A066	11	https://www.n11.com/urun/m25x6-ysb-yildiz-silindir-bas-vida-100-adet-7224423	
amazon	Slide-in Nut, M6 nickel-plated steel for 3030 T-slot extrusion	B077Z2HX42	23	https://www.amazon.com.tr/EYPINS-s%C3%BCrg%C3%BCl%C3%BCa-%C3%BCminyum-ekstr%C3%BCzyon-projeleri/dp/B09P2XCCSY	B09P2XCCSY
Mcmaster	Washer, flat washer for M8 Bolt (for axles)	93475A270	4	https://www.pazarama.com/m8-genis-pul-350-adet-p-2067792714427	
Mcmaster	Washer, M6x12mm, flat washer (wheelBrackets)	93475A250	6	https://www.pazarama.com/m6-pul-350-adet-p-5599513355576	
Mcmaster	Washer, M6, split lock (for casters)	91202A234	6	https://www.n11.com/urun/m6-rondela-yayli-pul-80-adet-7225825	
Amazon	305mm dinrail	B08J8DVPGG	1	https://www.amazon.com.tr/Taiss-Kaliteli-Da%C4%9F%C4%B1t%C4%B1m-Geni%C5%9Flik-Y%C3%BCkseklik/dp/B08CKKBP5N	B08CKKBP5N
Mcmaster	Threaded insert, M2.5 x 3.4 heat set (btry 2, whlplts 4, m.driver 2)	94180A321	5	https://www.makertechstore.com/products/copy-of-heat-set-threaded-inserts-m2-5-threads?variant=29739547852897	?
				https://shop4fasteners.co.uk/heat-ultrasonic-threaded-inserts-brass-m2-5-x-5-74mm.html	?
				https://www.amazon.com.tr/di%C5%9Fl-pirin-%C3%A7-t%C4%B1rt%C4%B1l%C4%B1-a%C4%9Fa%C3%A7-yuvasa%C4%B1/dp/B075YP6PRJ	B075YP6PRJ
electronics					
mouser	Raspberry Pi 4, 2gb RAM	713-102991317	1	https://www.amazon.com.tr/Raspberry-bilgisayar-ARM-Cortex-A72-Bluetooth-Micro-HDMI/dp/B07TD42S27	B07TD42S27
amazon	Motor Driver Board with Twin MC33886 H-Bridges (HW-231 model)	B07VHFCYFQ	1	https://robiz.net/dualmc33886	or
				https://www.hepsiburada.com/motorobit-mc33886-motor-surucu-karti-pm-HB00000S15GW	
amazon	Motor, DC 12v with 200 rpm gearbox (for drivetrain)	B072R5QSRG	2	https://www.milcad.net/urun/12v-200rpm-reduktorlu-dc-motor/	or
				https://www.robiduck.com/urun/12v-200rpm-37mm-reduktorlu-dc-motor	
amazon	Camera, USB, 2.1mm focal len, 150 deg FOV	B07QSTPGR8	1	https://www.robotistan.com/rpi-camera-m-fisheye-lens-1	?
amazon	Battery cell, Panasonic 18650 or other brand	B00G548XRE	3	https://www.amazon.com.tr/Panasonic-NCR18650B-3400mAh-Li-ion-Edilebilir/dp/B0BNVXPQ2G	B0BNVXPQ2G
mouser	Encoder, AMSS048B, circuit boards	990600491	2	https://www.e-komponent.com/as5047d-series-magnetic-rotary-position-sensor-evaluation-board	?
powerwerx	Anderson PowerPole Connectors, 30amp	WP30-100	8	https://www.fruugo.com/tr/anderson-powerpole-600v-guc-arac%C4%B1-icin-20x-30a-elektrik-konektoru/p-168667830-360222371	
digikey	Battery Tray, 3 cell li-ion (BK-18650-PC6 on digikey)	BK-18650-PC6	1	https://robiz.net/lbb3dclplug	
mouser	Switch, rocker, SPST 10A BLK ON-OFF Symbols (for battery case)	SRB22A2FBBNN	1	https://www.roboshop.com.tr/mini-on-off-power-switch-anahtar-2p-siyah-15x10	
amazon	Terminals - 22-16 AWG Insulated Female Quick Connect Terminals	B06XCWFTJ9	2	https://www.amazon.com.tr/Heschen-Ba%C4%9Flant%C4%B1C4%B1-Tamamen-Yali%C4%B1t%C4%B1ml%C4%B1-Terminali/dp/B07BPMRWLY	B07BPMRWLY
amazon	Power Wire - 18 AWG (black/red pair), price listed per meter	B07428NBCW	1	https://www.roboshop.com.tr/16-awg-rc-yumusak-silikon-kablo-16awg-lipo-batarya-kablosu-kirmizi	
amazon	Cable, 20cm ribbon, with female Dupont terminals (I2c board ► encoders)	B07GCV6CH7	2	https://www.amazon.com.tr/40-Pin-20cm-Di%C5%9Fi-Dupont/dp/B092TD6QHD	B092TD6QHD
	Motor driver signal wire		1	https://www.n11.com/urun/4-pin-bant-flat-kablo-022-mm-3320345	
amazon	Cable, 10cm ribbon, with female Dupont terminals (p ► motor driver)	B07GD312VG	1	https://www.amazon.com.tr/40-Adet-Di%C5%9Fi-Di%C5%9Fi-Jumper-Kablo/dp/B09QJ6MSG3	B09QJ6MSG3
amazon	battery management system (BMS) circuit board, 3S, 40A	B07JMY631D	1	https://www.amazon.com.tr/12-6V-18650-Lityum-Koruma-Mod%C3%BCl%C3%BC/dp/B09SDFRVN3	B09SDFRVN3
amazon	battery cell charger, 18650	B08DNQXB1C	1	https://www.amazon.com.tr/XTAR-AK%C4%B1C4%B1-Chaz%C4%B1-Lityum-%C4%B0yon-Bataryalar/dp/B08358HS4F	B08358HS4F