

Component	Quantity	Note	Link		
RPI Pico W	1		<a href="https://market.samm.com/raspberry-pi-pico-w">https://market.samm.com/raspberry-pi-pico-w</a>		
TP5100 1S-2S Lithium Battery Charging Module	1		<a href="https://www.komponentci.net/tp5100-1s-2a-42v-2s-84v-lityum-pil-sarj-modulu-pmu6549?gad_source=4">https://www.komponentci.net/tp5100-1s-2a-42v-2s-84v-lityum-pil-sarj-modulu-pmu6549?gad_source=4</a>		
Ultrasonic Sensor HC-SR04	1		<a href="https://www.direnc.net/arduino-ultrasonic-sensor-hc-sr04?language=tr&amp;h=00d7187d">https://www.direnc.net/arduino-ultrasonic-sensor-hc-sr04?language=tr&amp;h=00d7187d</a>		
ADXL345 3 accelerometer (GY-291)	1		<a href="https://www.komponentci.net/adxl345-3-eksen-ivme-olcer-sensor-modulu-gy-291-pmu258">https://www.komponentci.net/adxl345-3-eksen-ivme-olcer-sensor-modulu-gy-291-pmu258</a>		
L293D Motor driver IC	2		<a href="https://www.motorobit.com/l293d-motor-surucu-entegresi">https://www.motorobit.com/l293d-motor-surucu-entegresi</a>		
2S 5A Lithium Battery BMS Module (HX-2S-A2)	1		<a href="https://www.komponentci.net/2s-5a-bms-18650-lityum-pil-sarj-koruma-devresi-pmu6851">https://www.komponentci.net/2s-5a-bms-18650-lityum-pil-sarj-koruma-devresi-pmu6851</a>		
Micro DC Motor N20 (100-300 RPM)	2		<a href="https://www.komponentci.net/n20-300rpm-6v-dc-mikro-metal-reduktorlu-motor-pmu6253">https://www.komponentci.net/n20-300rpm-6v-dc-mikro-metal-reduktorlu-motor-pmu6253</a>		
XL4005 Step Down Voltage Regulator 5A	1		<a href="https://www.direnc.net/xl4005-5-32v-125-32v-dc-dc-konvertor?language=tr&amp;h=2c92bf5f">https://www.direnc.net/xl4005-5-32v-125-32v-dc-dc-konvertor?language=tr&amp;h=2c92bf5f</a>		
Hall Effect Sensor (us1881 or ugn3132046 tested working, KY-0	4		<a href="https://www.direnc.net/us1881-hall-effect-sensoru">https://www.direnc.net/us1881-hall-effect-sensoru</a>		
Neodymium Magnet Diameter: 3 mm, Thickness: 1, 1.5, 2 mm	52		<a href="https://miknatis.gen.tr/daire-miknatis?product_id=171&amp;sort=p.price&amp;order=ASC">https://miknatis.gen.tr/daire-miknatis?product_id=171&amp;sort=p.price&amp;order=ASC</a>		
18650 Li-ion Battery	2		<a href="VTC6 3000Mah Murata Sony Şarjlı Pil Satın Al 185.22 TL   F1Depo.com">VTC6 3000Mah Murata Sony Şarjlı Pil Satın Al 185.22 TL   F1Depo.com</a>		
Battery Contacts	4	can be taken from battery holders			
neopixel led strip					
2 Pin Dip switch	1				
2 Pin Push-Button (6x6mm)	3				
Resistor ~100 ohm (AXIAL-0.3)	1				
Resistor ~200 ohm (AXIAL-0.3)	1				
Resistor ~300 ohm (AXIAL-0.3)	1				
Resistor ~50k ohm (AXIAL-0.3)	1				
Resistor ~100k ohm (AXIAL-0.3)	1				
Capacitor ~100 nF (D5.0×F2.0)	1				
Capacitor ~10 uF (D5.0×F2.0)	1				
DO-41 footprint any diode > 9V will work	1				
idc ribbon cable connectors (2*5)	2				
pogo connector (2*3)	1				
JST XH 2.54(2.50) 2 Pin Male Connector	3				
JST XH 2.54(2.50) 2 Pin Female Connector	3				
JST XH 2.54(2.50) 3 Pin Male Connector	5				
JST XH 2.54(2.50) 3 Pin Female Connector	5				
JST XH 2.54(2.50) 4 Pin Male Connector	6				
JST XH 2.54(2.50) 4 Pin Female Connector	6				
2.54 1*20 female header	2				
2.54 1*20 male header	2				
16 Pin DIP Soket	2				
623, 693 or similar bearing with 3mm inner dia	1				
M3x6 shcs bolt	>=10				
M3 hex nut	>=10				