

REMOTE

PART NAME	PART NUMBER	QUANTITY	URL	
Remote PCB		1	See GitHub for gerber file	**
Arduino Nano	A000005	1	https://www.digikey.com/en/products/detail/arduino/A000005/2638989?s=N4lgjCBcoLQB	
SparkFun Thumbsticks	COM-09032	2	https://www.digikey.com/en/products/detail/sparkfun-electronics/COM-09032/6823623	
Female Socket (2x4 pins)	PPPC042LFBN-RC	1	https://www.digikey.com/en/products/detail/sullins-connector-solutions/PPPC042LFBN-RC	
DC Power Jack Socket	PJ-102AH	1	https://www.digikey.com/en/products/detail/cui-devices/PJ-102AH/408448	
100nF Ceramic Capacitor	SR205C104KAATR1	1	https://www.digikey.com/en/products/detail/kyocera-avx/SR205C104KAATR1/3660592?utm_ad	
9V Alkaline Battery	9V-MN1604	1	https://www.digikey.com/en/products/detail/duracell-industrial-operations-inc/9V-MN1604/	
Battery Clip w/ DC Power Jack	FIT0043	1	https://www.digikey.com/en/products/detail/dfrobot/FIT0043/7597082?utm_adgroup=Batte	
5mm LED	LTL-4233	1	https://www.digikey.com/en/products/detail/lite-on-inc/LTL-4233/217580	
330-ohm Resistor	MFR-25FBF52-330R	1	https://www.digikey.com/en/products/detail/yageo/MFR-25FBF52-330R/9138136?utm_ad	
10uF Electrolytic Capacitor	UVR1E100MDD	1	https://www.digikey.com/en/products/detail/nichicon/UVR1E100MDD/588798	
NRF24L01 Module	NRF24L01 Module	1	https://www.amazon.com/Makerfire-Arduino-NRF24L01-Wireless-Transceiver/dp/B00O9C	

Car (Electronics)

PART NAME	PART NUMBER	QUANTITY	URL	
Car PCB		1	See GitHub guide for gerber file	**
Arduino Nano	A000005	1	https://www.digikey.com/en/products/detail/arduino/A000005/2638989?s=N4lgjCBcoLQB	
L293D Motor Driver	L293D	1	https://www.digikey.com/en/products/detail/stmicroelectronics/L293D/634700	
100nF Ceramic Capacitor	SR205C104KAATR1	2	https://www.digikey.com/en/products/detail/kyocera-avx/SR205C104KAATR1/3660592?utm_ad	
100uF Ceramic Capacitor	TAP107K010SCS	1	https://www.digikey.com/en/products/detail/kyocera-avx/TAP107K010SCS/563948?utm_a	
10uF Electrolytic Capacitor	UVR1E100MDD	2	https://www.digikey.com/en/products/detail/nichicon/UVR1E100MDD/588798	
Tactile Button	FSMSMTR	1	https://www.digikey.com/en/products/detail/te-connectivity-alcoswitch-switches/FSMSMTF	
Male Headers	2011-1X04G00SD025B	1	https://www.digikey.com/en/products/detail/oupiin-america-inc/2011-1X04G00SD025B/13/	
8-Pin Right Angle Female Header	PPPC042LJBN-RC	1	https://www.digikey.com/en/products/detail/sullins-connector-solutions/PPPC042LJBN-RC	
SG90 9g Servo Motor	SER0043	1	https://www.digikey.com/en/products/detail/dfrobot/SER0043/7087197?s=N4lgjCBcoLQB	
Small DC Motor	LS-00024	1	https://www.digikey.com/en/products/detail/osepp-electronics-ltd/LS-00024/11198647?utm	
NRF24L01 Module	NRF24L01 Module	1	https://www.amazon.com/Makerfire-Arduino-NRF24L01-Wireless-Transceiver/dp/B00O9C	
7.4 LiPo Battery	URGENEX 2S Lipo Bat	1	https://www.amazon.com/URGENEX-Battery-Rechargeable-Compatibal-Brushless/dp/B0	

Car (Hardware)				
PART NAME	PART NUMBER	QUANTITY	URL	
3D-Printed Parts		1	See GitHub guide for stl files	**
Laser Cut Chassis		1	See GitHub guide for laser cut files	**
M2x12mm Socket Head Screw	91292A834	2	https://www.mcmaster.com/91292A835/	
M2x8mm Socket Head Screw	90037A102	10	https://www.mcmaster.com/91292A832/	
M3x70mm Socket Head Screw	91290A297	1	https://www.mcmaster.com/91290A297/	
M3x20mm Socket Head Screw	90035A138	2	https://www.mcmaster.com/91502A109/	
M2 Washer	98689A110	2	https://www.mcmaster.com/98689A110/	
M3 Washer	98689A112	6	https://www.mcmaster.com/98689A112/	
M2 Hex Nut	90592A004	10	https://www.mcmaster.com/90592A004/	
M3 Hex Locknut	93625A100	3	https://www.mcmaster.com/93625A100/	
Small Shielded Ball Bearings	Small Shielded Ball Bea	4	https://www.amazon.com/uxcell-Bearing-Double-Shielded-Bearings/dp/B07FW18RQY/ref	
Tire Grip (sold by four pcs)	MZT302-30	1	https://www.kyoshoamerica.com/MZT302-30-LM-Wide-High-Grip-Tire-304pcs_p_4122.htm	