

Item Number	Part Number	Part Name	Quantity	Material	Specifications	Manufacturer	Vendor	Unit Cost	Total Cost	Manufacturer Link	Vendor Link
1	AK80-9	AK80-9 Brushless Motor	1	-	Torque: 9 Nm, Max Speed: 437 rpm	CubeMars	Marc Carmichael	\$579.90	\$579.90	<a href="https://www.cubemars.com/goods-982-">https://www.cubemars.com/goods-982-</a>	
2	NUCLEO-L476	STM32 NUCLEO-L476RG Microcontroller	2	-	ARM Cortex-M4, 80 MHz, 512 KB Flash	STMicroelectronics	Mouser	\$23.79	\$47.58	<a href="https://www.st.com">https://www.st.com</a>	<a href="https://mou.sr/4fNr">https://mou.sr/4fNr</a>
3	5708	CAN Transceiver	2	-	MCP2515 CAN Controller, SN65HVD230 Transceiver	Adafruit	Mouser	\$6.20	\$12.40	<a href="https://www.adafruit.com">https://www.adafruit.com</a>	<a href="https://mou.sr/48T7">https://mou.sr/48T7</a>
4	204-2980	Timing Belt, 8 mm Pitch	1	Rubber	8 mm pitch, 30 mm wide, 720 mm length	OPTIBELT	RS Components	\$67.47	\$67.47		<a href="https://au.rs-online.com">https://au.rs-online.com</a>
5	P24-8MGT-20	Sprocket, 24 Tooth, 8 mm Pitch	1	Steel	24 teeth, for 30 mm wide belt	Gates	Biedler's Belts	\$99.30	\$99.30		<a href="https://www.biedler.com">https://www.biedler.com</a>
6	P72-8MGT-20	Sprocket, 72 Tooth, 8 mm Pitch	1	Steel	72 teeth, for 30 mm wide belt	Gates	Biedler's Belts	\$226.08	\$226.08		<a href="https://www.biedler.com">https://www.biedler.com</a>
<b>Total</b>									<b>\$1,032.73</b>		