

DZ01 Mobile Robot BOM List

Part Type	Componenet Name	Quantity	Notes	URL
3D printed	DZ01-C001_Lower Body	1	NA	NA
3D printed	DZ01-C002_Upper Body	1	NA	NA
3D printed	DZ01-C003_Head Cover	1	NA	NA
3D printed	DZ01-C004_Idler Sprocket	2	use 1 per side	NA
3D printed	DZ01-C005_Drive Sprocket	2	use 1 per side	NA
3D printed	DZ01-C006_Idler Shaft	2	use 1 per side	NA
3D printed	DZ01-C007_Drive Shaft	2	use 1 per side	NA
3D printed	DZ01-C008_Wheel Bridge	2	use 1 per side	NA
3D printed	DZ01-C009_Idler Spacer	2	use 1 per side	NA
3D printed	DZ01-C010_Drive Spacer	2	use 1 per side	NA
3D printed	DZ01-C011_Chain	56	use 28 per side	NA
hardware	WeMos D1 mini	1	NA	NA
hardware	DRV8833 motor driver	1	NA	NA
hardware	HC-SR04 Ultrasonic sensor	1	NA	NA
hardware	custom PCB	1	to mount WeMos D1 mini, DRV8833 and HC-SR04	NA
hardware	TP4056 Charging Module Type C	1	NA	https://shorturl.at/hyxtw
hardware	XL6009 DC booster	1	NA	https://shorturl.at/UcaRp
hardware	3.7V DC 2000mAh LiPo battery	1	NA	https://amzn.asia/d/djhudkn
hardware	Rocker switch	1	NA	https://amzn.asia/d/hXudmNT
hardware	HP connector	1	NA	https://amzn.asia/d/4aPFaTp
hardware	DC motor	2	NA	https://amzn.asia/d/38TxgRH