

#	Referen Qty	Value	Footprint	DNP	URL
1	J1	1 JST PH 8-pin male			
2	J2, J5	2 JST XH 5-pin male			
3	J3	1 Deans T-Plug Female			https://www.aliexpress.us/item/2251832807355213.html
4	R1, R3	2 10k	603		
5	R5	1 200k	603		
6	R6	1 100k	603		
7	U1	1 ESP32 DEV KIT DOIT 30-pin			
8	U2	1 MH-KC24		USB step-down module 24V dual output	https://www.aliexpress.us/item/3256802247317350.html
EXTERNAL COMPONENTS					
1		2 CHR-GM25-BLDC2418		BLDC motors 2.5W 190RPM rated 0.35A stall	https://www.aliexpress.us/item/2251832633601682.html
2		1 YDLIDAR X4		Laser distance scanner	https://www.ydlidar.com/
3		1 24V battery, Deans T-Plug Male plug		Alcaline non-reusable or lithium 6S >=5A load	