

# Maker's Pet Snoopy

<https://makerspaceelectronics.com/> Electronics BOM, version 9/2023

#	Reference	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 Male			<a href="https://www.aliexpress.us/item/2251832807355213.html">https://www.aliexpress.us/item/2251832807355213.html</a>
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	<a href="https://www.aliexpress.us/item/3256802247317350.html">https://www.aliexpress.us/item/3256802247317350.html</a>
EXTERNAL COMPONENTS						
1		2	CHR-GM25-BLDC2418		BLDC motors 2.5W 190RPM rated 0.35A stall	<a href="https://www.aliexpress.us/item/2251832633601682.html">https://www.aliexpress.us/item/2251832633601682.html</a>
2		1	YDLIDAR X4		Laser distance scanner	<a href="https://www.ydlidar.com/">https://www.ydlidar.com/</a>
3		1	24V battery, Deans T-Plug Female plug		Alcaline non-reusable or lithium 6S >=5A load	