


ASE00037	A1	Houston	22/03/2023	 POLLEN ROBOTICS	
Ref.	Value	Description	Qty	Man.	Man. Ref.
C1, C80, C81, C82, C83, C84, C85	100n 6V3	Capa 0603	7		
D1	USBLC6-2SC6	ESD Protection	1	STMicro	
D2	Green	Green LED 0603	1	Würth	150060VS75000
D3	Red	Red LED 0603	1	Würth	50060RS75000
H5	PCB00019	PCB	1		
J1	10118194-0001LF	USB Prog Connector	1	Amphenol FCI	10118194-0001LF
J3	DNP - SIL6	SWDebug Connector	1	Harwin	M20-9990646
J4	Pico4	Fake USB Connector	1	Molex	3398-0471
J5	FFC 0,5 mm 10w	Encoders/IMU Connector	1	Hirose	FH12-10S-0.5SH(55)
J7, J11, J21, J31	Pico5	Comm. Connector	4	Molex	53261-0571
J10	FFC 0,5 mm 40w	Microcontroller Connector	1	Hirose	FH12-40S-0.5SH(55)
R1	100k	Res. 0603	1		
R2	10k	Res. 0603	1		
R3, R4	470R	Res. 0603	2		
R6	DNP-4k7	Res. 0603	1		
R7	DNP-9k1	Res. 0603	1		
R10, R26, R36, R37, R40	DNP-0R	Res. 0603	5		
R17, R27, R38, R39	0R	Res. 0603	4		
SW1	SW_Push		1	C&K Components	KMR221NG LFS
U1	STM32G474	Microcontroller	1	STMicro	STM32G474VET6