robot_chat

Ref	Qnty	Value
C302,	1	470uF
D201, D202, D203, D204, D205, D206,	6	~
D301,	1	~
D302,	1	1N4148
D303, D304, D602	3	3.3V, 5V, Status
D501, D604, D605	3	Bump, Debug_1, Debug_2
D601, D603	2	Border_Detect, Error
F301,	1	10A
IC401, IC402,	2	NCS199A3RSQT2G
J301, J501	2	Bat,Bump
J401, J402	2	L_Mot,R_Mot
J502,	1	Lidar
J503, J504	2	B_Detect, F_Detect
J601,	1	BT
L201,	1	2.2u
L301,	1	4.7uH
SW201, SW601, SW602	3	RST, Start, Status
SW301,	1	SW_SPDT_MSM
U201,	1	STM32G070RBTx
U301,	1	MP1475DJ-LF-P
U302,	1	MIC5317-3.3xM5
U401, U402,	2	ZXBM5210-SP
U501,	1	LSM6DSM
Y201,	1	16MHz

Footprint	ref farnell
Capacitor_SMD:CP_Elec_10x10.5	
Diode_SMD:D_SOD-923	3702487RL
Diode_SMD:D_SMB	3373187RL
Diode_SMD:D_SOD-323F	
LED_SMD:LED_0603_1608Metric	3796304
LED_SMD:LED_0603_1608Metric	3796315
LED_SMD:LED_0603_1608Metric	3796316
Fuse:Fuse_1206_3216Metric	3564732
Package_TO_SOT_SMD:SOT-363_SC-70-6	2981170
Connector_JST:JST_XH_S2B-XH-A_1x02_P2.50mm_Horizontal	1516289
Connector_JST:JST_XH_S6B-XH-A_1x06_P2.50mm_Horizontal	1516294
Connector_JST:JST_XH_S8B-XH-A_1x08_P2.50mm_Horizontal	1516296
Connector_JST:JST_XH_S3B-XH-A_1x03_P2.50mm_Horizontal	1516290
Connector_PinSocket_2.54mm:PinSocket_1x06_P2.54mm_Horizontal	2827951
Inductor_SMD:L_0603_1608Metric	3666006
Inductor_SMD:L_1008_2520Metric	
Button_Switch_SMD:SW_SPST_B3U-1000P	1333652
472121020421:Toggle_Switch	4244949
Package_QFP:LQFP-64_10x10mm_P0.5mm	
Package_TO_SOT_SMD:TSOT-23-8	
Package_TO_SOT_SMD:SOT-23-5	
Package_SO:SOIC-8-1EP_3.9x4.9mm_P1.27mm_EP2.62x3.51mm_ThermalVias	
Package_LGA:LGA-14_3x2.5mm_P0.5mm_LayoutBorder3x4y	2664522
Crystal:Crystal_SMD_EuroQuartz_MT-4Pin_3.2x2.5mm	

-

-