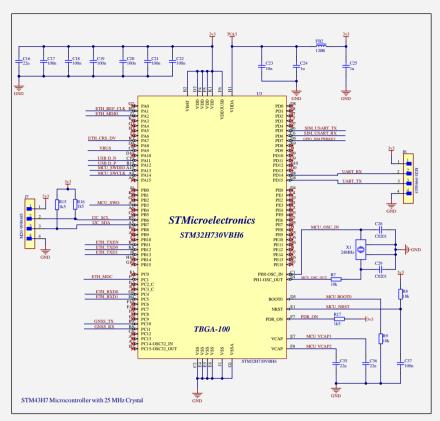
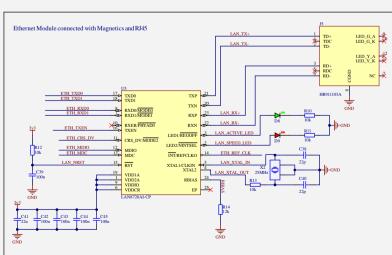
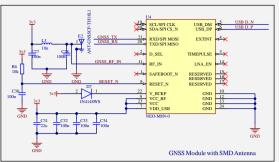
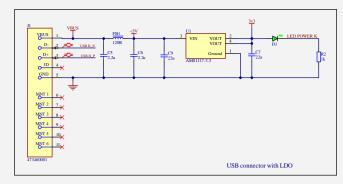
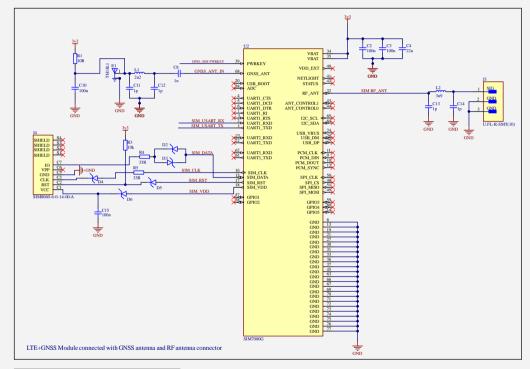
STM32H7 board for Dronport with LTE, GNSS, Ethernet functionality

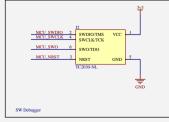




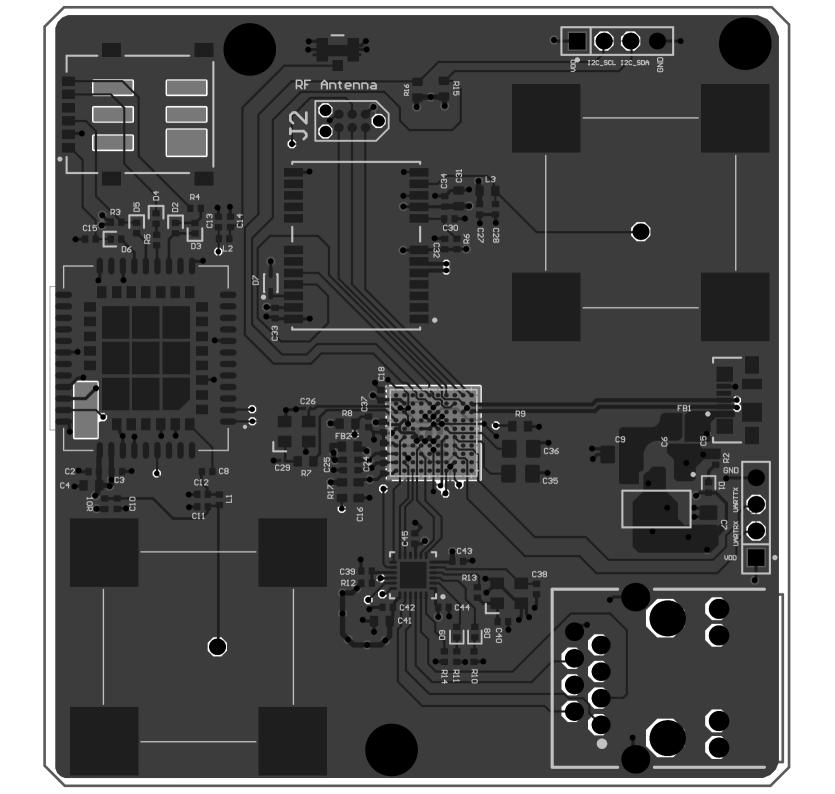








Title			
Size	Number	Revi	ision
A2			
Date:	7/04/2025	Sheet of	
File:	D:\side job\\Droneport_with_S	TM32.SchDorwn Bv:	



	Description	Designator	Footprint	LibRef	Quantity
		C2, C3, C10, C15,	1		
		C17, C18, C19, C20,			
100-	0	C21, C22, C27, C28,	O4D 0400	O4D 0400	Ι,
100n	Capacitor SMD 0402	C30, C32, C33, C34,	CAP_0402	CAP_0402	2
		C37, C39, C42, C43,	1		1
		C44, C45			
22u	Capacitor SMD 0603	C4, C16, C31, C41	CAP_0603	CAP_0603	
2.2u	Capacitor SMD 0603	C5, C6	CAP_0603	CAP_0603	
22u	Capacitor SMD 0805	C7, C9, C35, C36	CAP 0805	CAP_0805	
1n	Capacitor SMD 0402	C8	CAP 0402	CAP 0402	
	Capacitor SMD 0402	C11, C12, C13, C14	CAP 0402	CAP 0402	
1p					
10n	Capacitor SMD 0402	C23	CAP_0402	CAP_0402	
1u	Capacitor SMD 0402	C24, C25	CAP_0402	CAP_0402	
C0201	Capacitor SMD 0201	C26, C29	CAP_0201	CAP_0201	
22p	Capacitor SMD 0402	C38, C40	CAP_0402	CAP 0402	
GREEN	LED 0402 GREEN SMD	D1, D8	LED 0402 GREEN	LED_0402_GREEN	
TVS_DATA	Diode TVS/ ESD 0402	D2, D3	D_0402	D_TVS_0402	
TVS_CLK	Diode TVS/ ESD 0402	D4	D_0402	D_TVS_0402	
TVS_RST	Diode TVS/ ESD 0402	D5	D_0402	D_TVS_0402	
TVS_VDD	Diode TVS/ ESD 0402	D6	D_0402	D_TVS_0402	
	DIODEGEN PURP75V				
1N4148WS	150MASOD323F	D7	FP-477AB-IPC_C	CMP-07163-000040-1	
RED		D9	LED 0402 DED	LED 0402 DED	
RED	LED 0402 RED SMD	D9	LED_0402_RED	LED_0402_RED	
TH18L1	1	E1	XCVR_ANT-GNSSCP-	ANT-GNSSCP-TH18L1	1
		<u> </u>	TH18L1	G 10001 - 11 110E1	
ANIT CNICOOD TI II C' '		F2	XCVR_ANT-GNSSCP-	ANT CNICOCO TIME:	
ANT-GNSSCP-TH18L1	1	E2	TH18L1	ANT-GNSSCP-TH18L1	1
120R	Ferrite Bead SMD 0603	FR1 FR2	FB_0603	FB_0603	
	CONN RCPTUSB2.0	I DI, FOE	10_0000	1 12,0003	-
473460001		J1	FP-473460001-MFG	CMP-2000-05246-2	1
	MICROBSMDR/A				
U.FL-R-SMT(10)	CONNU.FLRCPTSTR	B	FP-U_FL-R-SMT_10-	CMP-0029-00003-2	
o.i Erravii(10)	50 OHM SMD	<u>س</u>	MFG	OIVIE-0023-00003-2	1
	6 Position Card				1
	Connector NANOSIM		GCT_SIM8060-6-0-14-		1
SIM8060-6-0-14-00-A		J4		SIM8060-6-0-14-00-A	1
	Surface Mount, Right		00-A		1
	Angle Gold				
	Single Port RJ45				
HR911105A	Connector w/	J5	HR911105A	HR911105A	
IIIOIIIIOOA	Integrated Magnetic	ω	I II O I I I I I I I	I II O I I I I I I I	
	and LED 10/100 Base-T	1	1		1
	M20-9990445 Conn				
	Unshrouded Header			ON AD 00024 0500000	
M20-9990445	HDR4 POS2.54mm	J6, J7	FP-M20-9990445-MFG	CMP-00671-05399696	1
	Solder STThru-Hole	,		1	
	Bulk/Loose				
			11 ID 0 100	II ID 0 100	
2n2	Inductor SMD 0402	L1	IND_0402	IND_0402	
3n9	Inductor SMD 0402	L2	IND_0402	IND_0402	
3n9		L2 L3	IND_0402 IND_0603	IND_0402 IND_0603	
3n9 10n	Inductor SMD 0402 Inductor SMD 0603	_	IND_0603	IND_0603	
3n9 10n 10R	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402	L3	IND_0603 RES_0402	IND_0603 RES_0402	
3n9 10n 10R 1k	Inductor SMD 0402 Inductor SMD 0603	L3 R1 R2	IND_0603 RES_0402 RES_0402	IND_0603	
3n9 10n 10R 1k	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402	R1 R2 R3, R6, R10, R11, R12,	IND_0603 RES_0402	IND_0603 RES_0402	
3n9 10n 10R 1k	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402	R1 R2 R3, R6, R10, R11, R12, R13	IND_0603 RES_0402 RES_0402 RES_0402	IND_0603 RES_0402 RES_0402 RES_0402	
3n9 10n 10R 1k 10k 33R	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402	R1 R2 R3, R6, R10, R11, R12, R13 R4, R5	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402	
3n9 10n 10R 1k 10k 33R	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402	R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603	
3n9 10n 10R 1k 10k 33R	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402	R1 R2 R3, R6, R10, R11, R12, R13 R4, R5	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402	
3n9 10n 10R 11k 10k 33R 10k	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603	R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 333R 10k 12k	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 333R 10k 12k	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603	R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402	
	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0403 Resistor SMD 0603 LDO Voltage Regulators 1A 3.3V	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 LDO Voltage Regulators 1A, 3.3V	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0403 Resistor SMD 0603 LDO Voltage Regulators 1A 3.3V	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 Resistor SWD 0603 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS GPS GNSS LTE	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0402 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Woltage Regulators 1A, 3.3V	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 (100 n) (1	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0403 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Galileo, GLONASS, GPS, GNSS. LIE Transocieve Module	L3 R1 R2 R2, R2, R10, R11, R12, R13 R4, R5 R7, R2, R9, R1 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3n9 10n 10R 11k 110k 33R 10k 12k 11k5	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 LDD Voltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS, GPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz,	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603	
3n9 (100 n) (1	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, CLONASS, OPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.575GHz - 1.576GHz,	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3n9 (100 n) (1	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0402 Resistor SMD 0403 Resistor SMD 0403 LDO Woltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz – 1.576GHz, 1.575GHz – 1.576GHz, 1.575GHz – 1.576GHz	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3n9 (100 n) (1	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, CLONASS, OPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.575GHz - 1.576GHz,	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3n9 (100 n) (1	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0402 Resistor SMD 0403 Resistor SMD 0403 LDO Woltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz – 1.576GHz, 1.575GHz – 1.576GHz, 1.575GHz – 1.576GHz	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100n 100n 100n 100R 11k 100 100 100 100 100 100 100 100 100	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Galileo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.575GHz - 1.576GHz, 1.576	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100n 100n 100n 100R 11k 100 100 100 100 100 100 100 100 100	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Voltage Regulators 1A, 3.3V Cellular, Navigation Gailleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.579GHz - 1.576GHz, 1.579GHz - 1.576GHz, 1.579GHz - 1.560GHz, 1.579GHz - 1.560GHz, 1.579GHz - 1.606GHz, 1.579GHz - 1.606GHz - 1.606Hz - 1.606GHz - 1.6	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100n 100n 100n 100R 11k 100 100 100 100 100 100 100 100 100	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100n 100n 100n 100R 11k 100 100 100 100 100 100 100 100 100	Inductor SMD 0402 Inductor SMD 0603 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0402 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0603 Resistor SMD 0402 Resistor SMD 0403 Resistor SMD 0403 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Gallleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.579GHz - 1.576GHz, 1.579GHz - 1.576GHz Antenna Not Included Surface Mount 32-bit Arm®Cortex®	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100n 100n 100n 100R 11k 100 100 100 100 100 100 100 100 100	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 LDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, CLONASS, OPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.574GHz - 1.606GHz, 1.579GHz - 1.576GHz, Antenna Not Included Surface Mount 32-bit Arm®Cortex®	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 FP-AWS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0403 Resistor SWD 0603 LDO Voltage Regulators 1A, 3.3V Regulators 1A, 3.3V Regulators 1A, 3.3V Resistor SWD 0603 LDO Voltage Regulators 1A, 5.3V Resistor SWD 0603	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RES_0603 RES_0603	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS, GPS, GNSS, LTE Transceiver Module 1.559G+z - 1.576G+z, 1.576G+z	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS, GPS, GNSS, LTE Transceiver Module 1.559G+z - 1.576G+z, 1.576G+z	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Voltage Regulators 1A 3.3V Cellular, Navigation Galileo, GLONASS GPS GNSS LTE Transceiver Module 1.579GHz - 1.576GHz, 1.574GHz - 1.576GHz, 1.574GHz - 1.576GHz 2.1578GHz - 1.576GHz 32-bit Arm©Cortex® MT 550 MHz MCU, 128 IGB Resh, 564 RS RWM, 32-bit Arm©Cortex® MT 550 MHz MCU, 128 IGB Resh, 564 RS RWM, 35 commrs peripherals and analog interfaces, TRBGA+100	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 n 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 100 100 100 100 100 100 100 100 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 Resistor SWD 0603 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.579GHz, 1.576GHz, 1.576GHz, 1.576GHz, 1.576GHz 1.579GHz - 1.560GHz 1.579GHz - 1.576GHz 32-bit Arm@Cortex@ M7 550 MHz MCU, 128 Surface Mount 32-bit Arm@Cortex@ M7 550 MHz MCU, 128 RB Rash, 54 KB RAM, 35 comms peripherals and analog interfaces, TBEGA+100 UBIOX M8 Concurrent Gnss Mcdule, 3.6 V, -	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0609 SIM7080G	
3re 100 100 100 100 100 100 100 100 100 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 Resistor SWD 0603 Resistor SWD 0603 LDO Voltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS GPS, GNSS, LTE Transceiver Module 1.579GHz - 1.576GHz 1.579GHz - 1.576GHz 1.579GHz - 1.680GHz 1.579GHz - 1.576GHz 32-bit Arm@Cortex@ M7 550 MHz MCU, 128 Surface Mount 32-bit Arm@Cortex@ M7 550 MHz MCU, 128 BR Plash, 564 KB RMM, 35 comms peripherals and analog interfaces, and analog interfaces, Gnss Module, 3.6 V, -	L3 R1 R2 R2, R3, R10, R11, R12, R13 R4, R5 R7, R6, R9 R14 R15, R16, R17	IND 0603 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0402 RES 0603 RES 0402 RES 0603 RES 0402 RES 0603 REAMS1117-IPC_C	IND_0603 FRES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RES_0603 RES_0603 SIM7080G	
3re 100 100 100 100 100 100 100 100 100 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Voltage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS, GPS, GNSS, LTE Transceiver Module 1.559G+z - 1.576G+z, 1.574G+z - 1.606G+z, 1.575G+z - 1.576G+z, 1.575G+z - 1.576	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0609 SIM7080G	
3re 10n	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0603 RES.06003 SIM7080G	
3re 100 100 100 100 100 100 100 100 100 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Voltage Regulators 1A 3.3V Cellular, Navigation Galileo, GLONASS, GPS, GNSS, LTE Transceiver Module 1.559G1z - 1.576G1z, 1.575G1z - 1.576G1z, 1.575G4z - 1.576G4z, Antenna Not Included Surface Mount Garage Mount Mark Contract SWD 1583 M7550 M1z MCU, 128 IBR Rash, 564 KB RWM, ST 0500 M1z MCU, 128 IBR Rash, 564 KB RWM, ST 0500 M1z MCU, 128 IBRG 1400 UFBox M8 Concurrent Chas Module, 3.6 V, 40 to 85 degC, 24-Pin SWD, RoHS, Tape and Reel	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0603 RES.06003 SIM7080G	
3re 100 100 100 100 100 100 100 100 100 10	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0603 RES.06003 SIM7080G	
STIP 3 THE	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Voltage Regulators 14 3.3V Cellular, Navigation Galileo, GLONASS GPS, GNSS, LTE Transceiver Module 1.559GHz - 1.576GHz, 1.575GHz - 1.576GHz, 1.575GHz - 1.576GHz, 1.575GHz - 1.576GHz, 32-bit Arm©Cortes® M7 550 MHz MCU, 128 IGB Hash, 564 KB RWM, 32-bit Arm©Cortes® M7 550 MHz MCU, 128 IGB Hash, 564 KB RWM, 15 Comms peripherals and analog interfaces; and analog interfaces; GNS MB Concurrent ORS MCMUR, 36 V, 40 to 85 degC, 24-Pin SMD, RoHS, Tape and Reil	U3 W3 W3 W4 W5 W5 W5 W5 W5 W5 W5 W5 W5	IND 0603 IND	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 CMP-209535-000001-1 SIM7080G	
STIP 3 THE	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	L3 R1 R2 R3, R6, R10, R11, R12, R13 R4, R5 R7, R8, R9 R14 R15, R16, R17 U1	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0603 RP-AMS1117-IPC_C XCVR_SIM7080G	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0603 RES.06003 SIM7080G	
STIP 3 THE	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	U3 W3 W3 W4 W5 W5 W5 W5 W5 W5 W5 W5 W5	IND 0603 IND	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 CMP-209535-000001-1 SIM7080G	
STIP 3 THE	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 LDO Voltage Resistor SWD 0603 LDO Vo	U3 W3 W3 W4 W5 W5 W5 W5 W5 W5 W5 W5 W5	IND 0603 IND	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 RES.0603 RES.0402 RES.0603 CMP-209535-000001-1 SIM7080G	
STIP 3 THE	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	U3 W3 W3 W4 W5 W5 W5 W5 W5 W5 W5 W5 W5	IND 0603 IND	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 CMP-2000-07559-1 CMP-2000-07559-1	
SIM	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 LDO Voltage Regulators 14 3.3V Cellular, Navigation Galileo, GLONASS GPS, GNSS, LTE Transceiver Module 1.579GHz - 1.576GHz, 1.575GHz - 1.576GHz, 1.575GHz - 1.576GHz 2.1575GHz - 1.576GHz 32-bit Arm@Cortex® MT 550 MHz MCU, 128 KB Resh, 564 KB RWM, 32-bit Arm@Cortex® MT 550 MHz MCU, 128 KB Resh, 564 KB RWM, 35 comms peripherals and analog interfaces; and analog interfaces; GPS, MMS Concurrent OHS MC Concurrent Tens McMule, 36 V, 40 to 85 degC, 24-Pin SMD, RoHS, Tape and Red RMII 10/100 Ethernet Transceiver with HP Auto-MDIX Support, 41 to 85 degC, 24-Pin CRN, RoHS, Tray	U3 U4 U4 U5	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RP_AMS1117-IPC_C XCVR_SIM7080G TPBGA100_8X8_STM UBX-NEO-M8-24_V MCHP-QFN-24_V	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 CMP-2000-07559-1 CMP-2000-07559-1	
3n9 (100 n) (1	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	U3 W3 W3 W4 W5 W5 W5 W5 W5 W5 W5 W5 W5	IND 0603 IND	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 SIM7080G CMP-2000-07559-1 CMP-2000-07559-1 TSX-3225_24.0000MF15X-3225_24.0000MF15X-	
SIM	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 LDO Voltage Regulators 14 3.3V Cellular, Navigation Galileo, GLONASS GPS, GNSS, LTE Transceiver Module 1.579GHz - 1.576GHz, 1.575GHz - 1.576GHz, 1.575GHz - 1.576GHz 2.1575GHz - 1.576GHz 32-bit Arm@Cortex® MT 550 MHz MCU, 128 KB Resh, 564 KB RWM, 32-bit Arm@Cortex® MT 550 MHz MCU, 128 KB Resh, 564 KB RWM, 35 comms peripherals and analog interfaces; and analog interfaces; GPS, MMS Concurrent OHS MC Concurrent Tens McMule, 36 V, 40 to 85 degC, 24-Pin SMD, RoHS, Tape and Red RMII 10/100 Ethernet Transceiver with HP Auto-MDIX Support, 41 to 85 degC, 24-Pin CRN, RoHS, Tray	U3 U4 U4 U5	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RP_AMS1117-IPC_C XCVR_SIM7080G TPBGA100_8X8_STM UBX-NEO-M8-24_V MCHP-QFN-24_V	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 CMP-2000-07559-1 CMP-2000-07559-1	
3re 100	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD 0603 IDO Volitage Regulators 1A 3.3V Cellular, Navigation Gailleo, GLONASS, GPS GNSS LTE Transceiver Module 1.559G1z-1.576G1z, 1.574G1z-1.606G1z, 1.575G1z-1.576G1z, 1.574G1z-1.606G1z, 1.575G1z-1.576G4z, Antenna Not Included Surface Mount 32-bit Arm®Cortex® M7 550 MFz MCU, 128 IBR Rash, 564 KB RWM, 35 comms peripherals and analog interfaces, TREGA-100 U-BroxMB Concurrent Gnss Module, 3.6 V, 40 to 85 degC, 24-Pin SWD, RoHS, Tape and Real RMII 10/100 Ethernet Transceiver with HP Auto-MDIX Support, 40 to 85 degC, 24-Pin SWD, RoHS, Tray CNP, ROHS, ROHP, ROHP, ROHP, ROHP, ROHP, ROHP, ROHP,	U3 U4 U4 U5	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RP_AMS1117-IPC_C XCVR_SIM7080G TPBGA100_8X8_STM UBX-NEO-M8-24_V MCHP-QFN-24_V	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 SIM7080G CMP-2000-07559-1 CMP-2000-07559-1 TSX-3225_24.0000MF15X-3225_24.0000MF15X-	
SING 2H730V6H6	Inductor SWD 0402 Inductor SWD 0603 Resistor SWD 0402 Resistor SWD	U3 U4 U4 U5	IND 0603 IND 0603 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0603 RES_0402 RES_0603 RP_AMS1117-IPC_C XCVR_SIM7080G TPBGA100_8X8_STM UBX-NEO-M8-24_V MCHP-QFN-24_V	IND.0603 RES.0402 RES.0402 RES.0402 RES.0402 RES.0402 RES.0603 RES.0603 RES.0603 CMP-209535-000001-1 SIM7080G CMP-2000-07559-1 CMP-2000-07559-1 TSX 3225_24.0000MF15X-AC	