

C1	27.94	19.81	270.00	10uf	C1206
C10	50.80	19.81	270.00	10uf	C1206
C11	26.16	27.69	90.00	1nF	0603
C12	23.62	27.69	90.00	4.7pF	0603
C13	11.18	27.81	270.00	0.1uF	0603
C14	7.62	19.18	0.00	4.7uf	C0805
C15	14.73	34.29	0.00	2.2uf	C0805
C16	20.32	26.67	90.00	0.1uF	0603
C17	49.40	73.79	270.00	0.1uF	0603
C2	30.48	19.81	270.00	10uf	C1206
C3	33.02	19.81	270.00	10uf	C1206
C4	35.56	19.81	270.00	10uf	C1206
C5	38.10	19.81	270.00	10uf	C1206
C6	40.64	19.81	270.00	10uf	C1206
C7	43.18	19.81	270.00	10uf	C1206
C8	45.72	19.81	270.00	10uf	C1206
C9	48.26	19.81	270.00	10uf	C1206
GNSS	59.41	60.96	270.00	S6B-XH-SM4-TB(LF)(SN)CONN_S6B-XH-SM4-TB_JST	
CONN_S6B-XH-SM4-TB_JST					
L1	15.24	20.32	90.00	FDSD0630-H-1R0M=P3	IND_FDSD0630-H-1R0M=P3
M1	11.79	85.00	270.00	MOSFET_N_22A_60V	SOT-669_LFPAK56_POWER08
M2	11.79	75.00	270.00	MOSFET_N_22A_60V	SOT-669_LFPAK56_POWER08
M3	11.79	60.00	270.00	MOSFET_N_22A_60V	SOT-669_LFPAK56_POWER08
M4	11.79	50.00	270.00	MOSFET_N_22A_60V	SOT-669_LFPAK56_POWER08
M5	11.79	40.00	270.00	MOSFET_N_22A_60V	SOT-669_LFPAK56_POWER08
PMIC1	15.24	28.12	0.00	MAX20008AF0C/VY+21-100155B_F173A3FY+1_MXM	
21-100155B_F173A3FY+1_MXM					
R1	56.90	81.41	90.00	4.7k	0603
R10	13.00	88.50	0.00	1M	0603
R11	17.00	75.60	270.00	10k	0603
R12	16.50	73.10	0.00	470	0603
R13	16.50	78.50	0.00	100k	0603
R14	13.00	78.50	0.00	1M	0603
R15	17.00	60.60	270.00	10k	0603
R16	16.50	58.10	0.00	470	0603
R17	16.50	63.50	0.00	100k	0603
R18	13.00	63.50	0.00	1M	0603
R19	17.00	50.60	270.00	10k	0603
R2	58.42	81.41	90.00	4.7k	0603
R20	16.50	48.10	0.00	470	0603
R21	17.00	40.60	270.00	10k	0603
R22	16.50	38.10	0.00	470	0603
R23	22.23	22.48	90.00	10k	0603
R24	22.23	19.05	90.00	10k	0603
R25	32.00	28.07	180.00	10k	0603
R26	32.89	25.65	270.00	1k	0603
R27	30.48	24.77	0.00	1k	0603
R28	24.38	34.54	270.00	1k	0603
R29	25.27	37.08	0.00	1k	0603
R3	56.90	73.79	90.00	4.7k	0603

R30	26.16	34.54	90.00	10k	0603
R31	26.16	31.12	90.00	10k	0603
R4	58.42	73.79	90.00	4.7k	0603
R5	57.15	19.30	180.00	4.7k	0603
R6	57.15	17.78	180.00	4.7k	0603
R7	17.00	85.60	270.00	10k	0603
R8	16.50	83.10	0.00	470	0603
R9	16.50	88.50	0.00	100k	0603
S11,12	59.41	38.10	270.00	S6B-XH-SM4-TB(LF)(SN)CONN_S6B-XH-SM4-TB_JST	
CONN_S6B-XH-SM4-TB_JST					
S5,6	22.86	6.63	0.00	S6B-XH-SM4-TB(LF)(SN)CONN_S6B-XH-SM4-TB_JST	
CONN_S6B-XH-SM4-TB_JST					
S7,8	44.45	6.63	0.00	S6B-XH-SM4-TB(LF)(SN)CONN_S6B-XH-SM4-TB_JST	
CONN_S6B-XH-SM4-TB_JST					
SERIAL_8_5	13.97	94.55	180.00	QWIIC_RIGHT_ANGLE	JST04_1MM_RA
SPI	52.07	94.55	180.00	QWIIC_RIGHT_ANGLE	JST04_1MM_RA
U1	41.02	78.87	45.00	ATSAM4S2AB-ANLQFP48_7X7MC_MCH-L LQFP48_7X7MC_MCH-L	
WIRE1	61.78	76.20	270.00	QWIIC_RIGHT_ANGLE	JST04_1MM_RA
WIRE2_PIWIRE	61.78	22.86	270.00	QWIIC_RIGHT_ANGLE	JST04_1MM_RA
WIRE_U1WIRE	61.78	83.82	270.00	QWIIC_RIGHT_ANGLE	JST04_1MM_RA