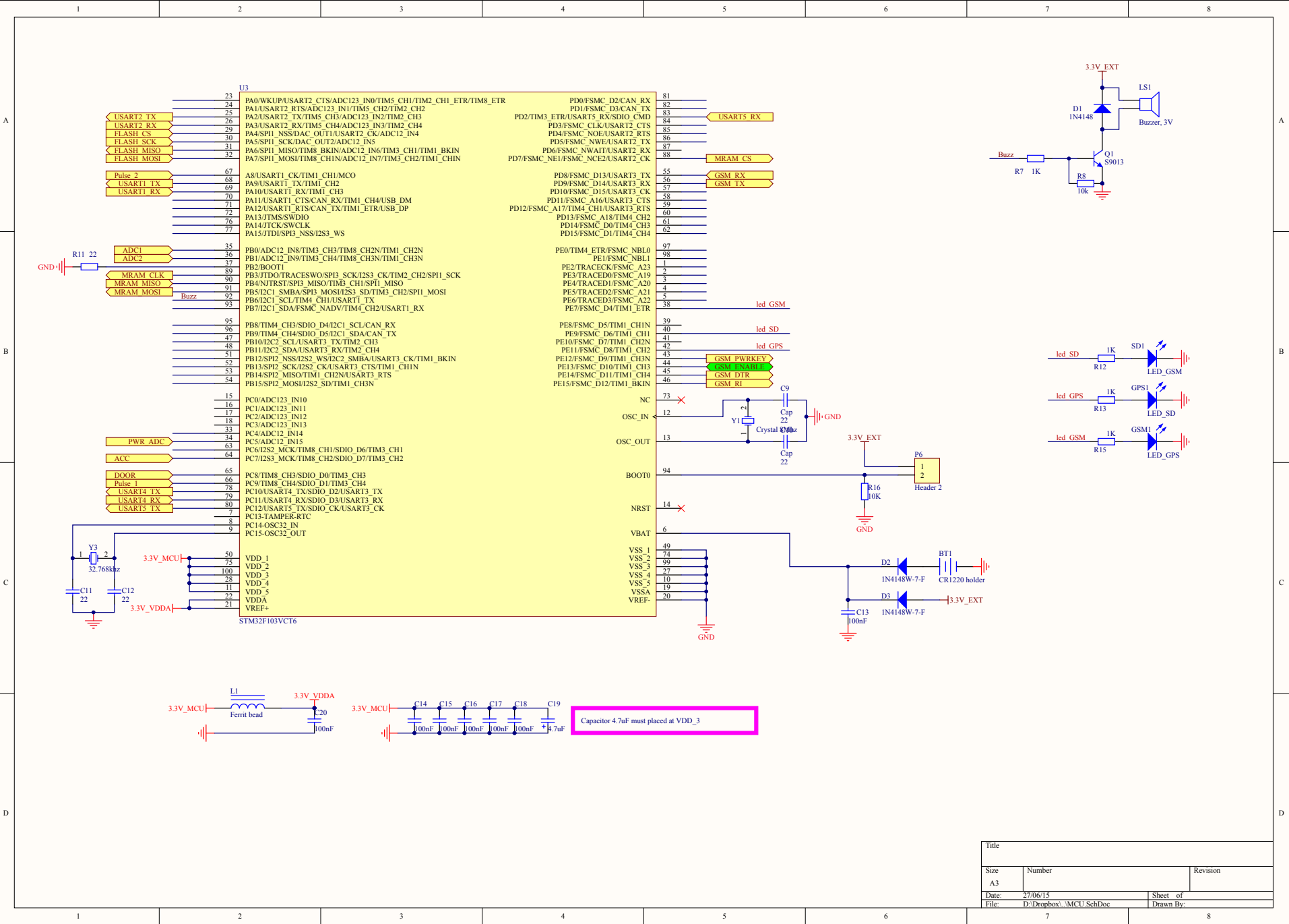
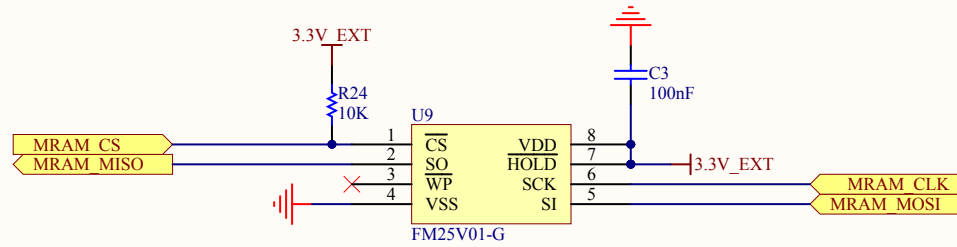
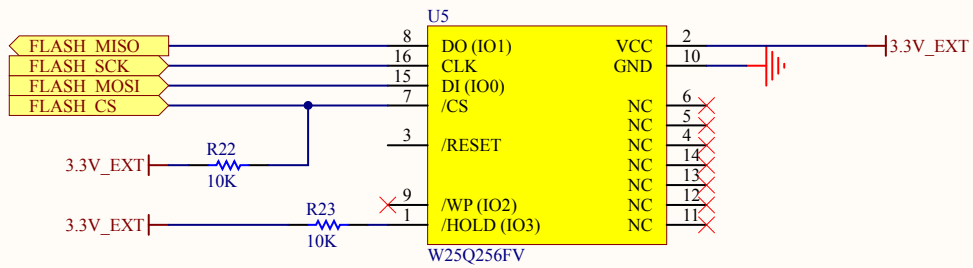
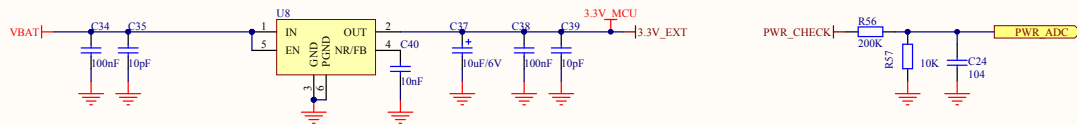
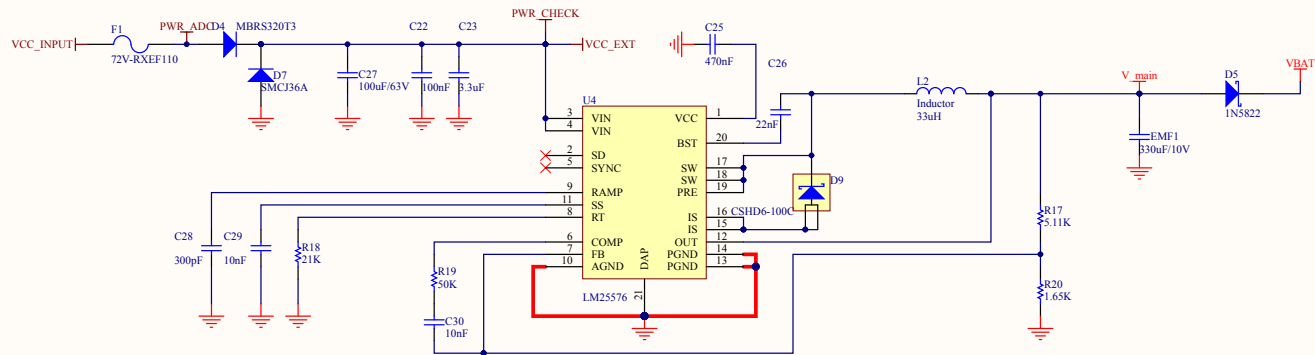


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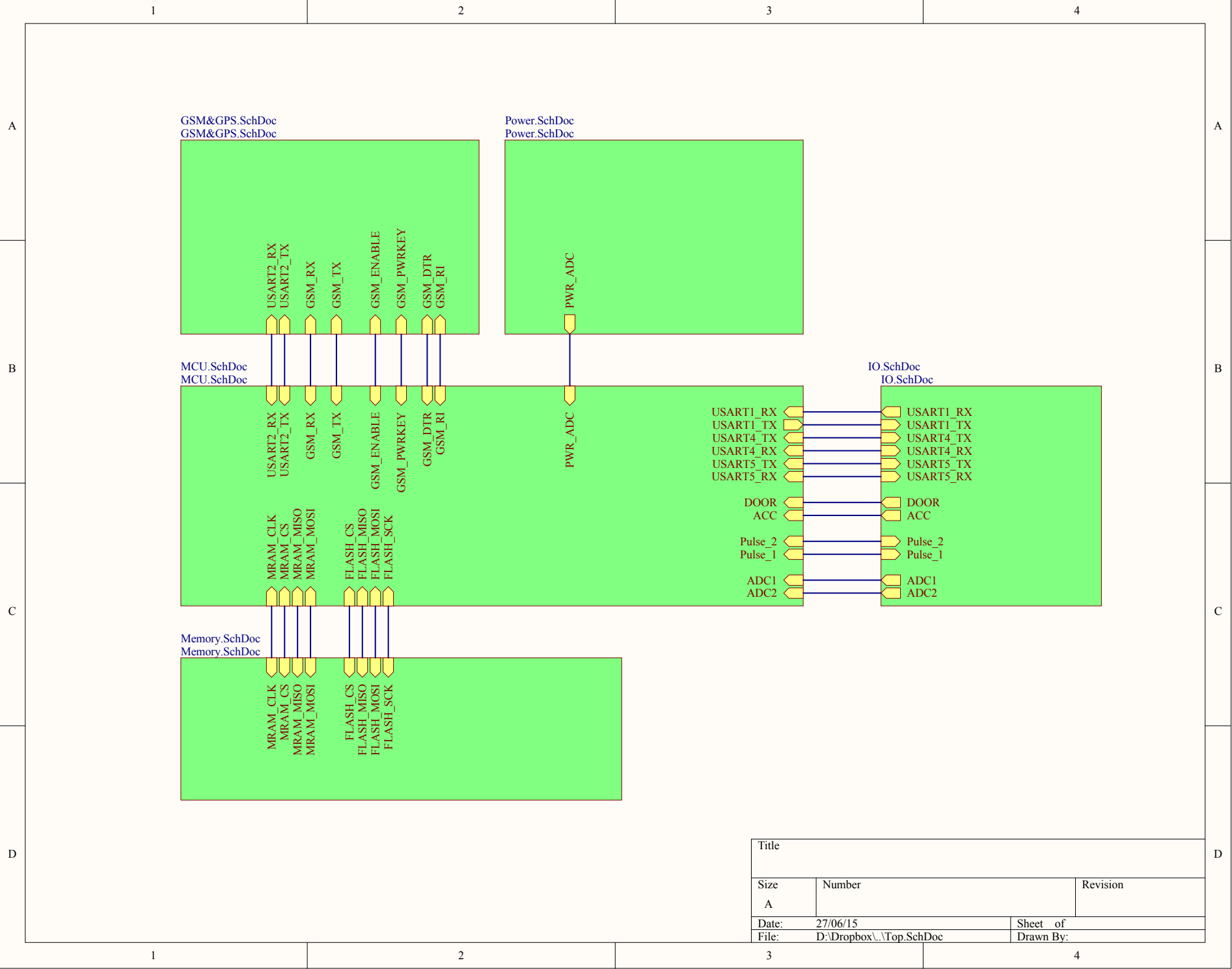




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Comment	Description	Designator	Footprint	LibRef	Quantity
CR1220 holder	Battery holder	B71	BH_1220x	Battery	1
Cap	Capacitor	C1, C2, C9, C10, C11, C12	C0603	Cap	6
	Capacitor, Capacitor, Ceramic Capacitor;10%; Ceramic Capacitor;10%; Ceramic Capacitor;10%; Ceramic Capacitor;10%; Ceramic Capacitor;10%; Ceramic Capacitor;10%; Ceramic Capacitor;10%; Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor	C3, C4, C13, C14, C15, C16, C17, C18, C20, C24, C36, C38, C42, C43, C44, C45, C46, C47, C48, C49, C50			
100nF Cap0603	Capacitor	C5, C6, C7, C24, C31, C32, C51	C0603X	Cap	21
100nF Cap0603	Capacitor	C7	C0603	Cap	7
Cap Pol1	Polarized Capacitor (Radial)	C7	C2917	Cap Pol1	1
Cap	Capacitor	C9	C0805X	Cap	1
4.7uF C0805	Tantalum Capacitor	C19	R0805X	Cap Pol1	1
100nF Cap0805	Capacitor	C22	R0805X	Cap	1
3.3uF/50V	Capacitor	C23	R0805X	Cap	1
470nF Cap0603	Capacitor	C25	C0603X	Cap	1
22nF Cap0603	Capacitor	C26	C0603X	Cap	1
100uF/6.3V	Capacitor	C27	AluCap_F	Cap	1
300pF Cap0603	Capacitor	C28	C0603X	Cap	1
10nF Cap0603	Capacitor	C29, C30, C40	C0603X	Cap	3
10pF Cap0603	Capacitor	C35, C39	C0603X	Cap	2
Tantan Cap 10uF/6V	Polarized Capacitor (Radial)	C37	CAP_100_6V	Cap Pol1	1
C0603: 100nF	Capacitor	C41	C0603	Cap	1
Sim Card		CN2	SIM CARD HOLDER	Sim Card Holder	1
1N4148	High Conductance Fast Diode	D1	BZT52C5V1-W8	Diode 1N4148	1
1N4148W-7-F	Default Diode	D2, D3	BZT52C3V6-W4	Diode_1	2
MERS32073	Default Diode	D4	DO-5Sx	Diode	1
1N5802	Schottky Diode	D5	DO-5Sx	D Schottky	1
BZT52C3V6	Diode, Case: SOD-123	D6	BZT52C3V6-W4	D Zener	1
SMC136A	Default Diode	D7	DO-214AB	Diode	1
1N4148W-7-F	Diode, Case: SOD-123; 11 + RBF	D8	1N4148W-A2	Diode	1
CSHD6-100C		D9	DPAK	CSHD6-100C	1
BZT52C5V6	Diode, Case: SOD-123	D10	BZT52C5V1-W8	Diode	1
Tantan cap 337A 330UF 10V-D	Capacitor	DMF1	C2917	Cap	1
72V-R06F110	Fuse	F1	F1812	Fuse 2	1
LED_SD	Typical INFRARED GaAs LED	GPS1	LED-3mm	LED0	1
LED_GPS	Typical INFRARED GaAs LED	GSM1	LED-3mm	LED0	1
Ferri bead	Magnetic-Core Inductor	L1	Ferrite_0805	Inductor Iron	1
Inductor	Inductor	L2	Inductorx	Inductor	1
Buzzer_3V	Loudspeaker	LS1	BUZZER_09mm	Speaker	1
GPS ANTENNA	Header, 3-Pin	P1	SMA_SMTx	Header 3	1
GSM ANTENNA	Header, 3-Pin	P2	SMA_SMTx	Header 3	1
Header 2X2	Header, 2-Pin, Dual row	P3	CONNECTOR4.2-4P	Header 2X2	1
Header 4X2	Header, 4-Pin, Dual row	P4	CONNECTOR4.2-8P	Header 4X2	1
Header 3X2	Header, 3-Pin, Dual row	P5	CONNECTOR4.2-6P	Header 3X2	1
Header 2	Header, 2-Pin	P6	HDR1X2	Header 2	1
98013	NPN Bipolar Transistor	Q1, Q2	SOT-23x	NPN	2
DTC1432XA146	NPN, case SOT-23	Q3, Q4	SOT-23x	NPN	2
J359013	NPN Bipolar Transistor	Q5	SOT-23x	NPN	1
Res2	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R15, R16, R17, R22, R23, R24, R25, R26, R40, R42, R43, R45, R47, R57	R0603	Res2	20
R0603SMD: 10K	Resistor	R603	R0603	Res2, Res1, Res1, Res2, Res2, Res2, Res2	12
R0603SMD: 5.11K	Resistor	R17	R0603	Res1	1
R0603SMD: 21K	Resistor	R18	R0603	Res1	1
R0603SMD: 50K	Resistor	R19	R0603	Res1	1
R0603SMD: 1.65K	Resistor	R20	R0603	Res1	1
R0603SMD: 1K	Resistor	R21, R48, R49, R52, R53, R54, R55	r0603	Res2	7
R0603SMD: 33K	Resistor	R27, R36	R0603	Res2	2
R0603SMD: 15K	Resistor	R28, R50	R0603	Res2	2
R0603SMD: 5.6K	Resistor	R32, R51	R0603	Res2	2
R0603SMD: 4.7K	Resistor	R33, R34, R35	R0603	Res2	3
R0603SMD: 100K	Resistor	R38, R44	r0603	Res2	2
R0603SMD: 100R	Resistor	R41, R46	r0603	Res2	2
R0603SMD: 200K	Resistor	R56	R0603	Res2	1
LED_GSM	Typical INFRARED GaAs LED	SD1	LED-3mm	LED0	1
SM900		U1	SIM900A	SIM900	1
M-9129	GPS Module	U2	M-9129	M-9129	1
STM32F103VCT6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 100-pin LQFP, Industrial Temperature	U3	LQFP100_N	STM32F103VCT6	1
LM25576	Imported	U4	MXA20A	LM25576_PWP_20	1
W25Q256FV		U5	SO-8-16P-300	W25Q256FV	1
FD566812		U6	SO-8L-N8	FD566812	1
LM397		U7, U10	SOT-23A	LM397	2
TPS73733		U8	TPS73733	TPS73733	1
FM25V01-G		U9	FM25CL64	FM25CL64	1
MAX3232PW		U11, U12	SP3232x	MAX3232PW	2
Crystal 8MHz	Crystal Oscillator	Y1	CRYSTALX	XTAL	1
32.768kHz	Crystal Oscillator	Y3	CRYSTAL 32768_P	XTAL	1