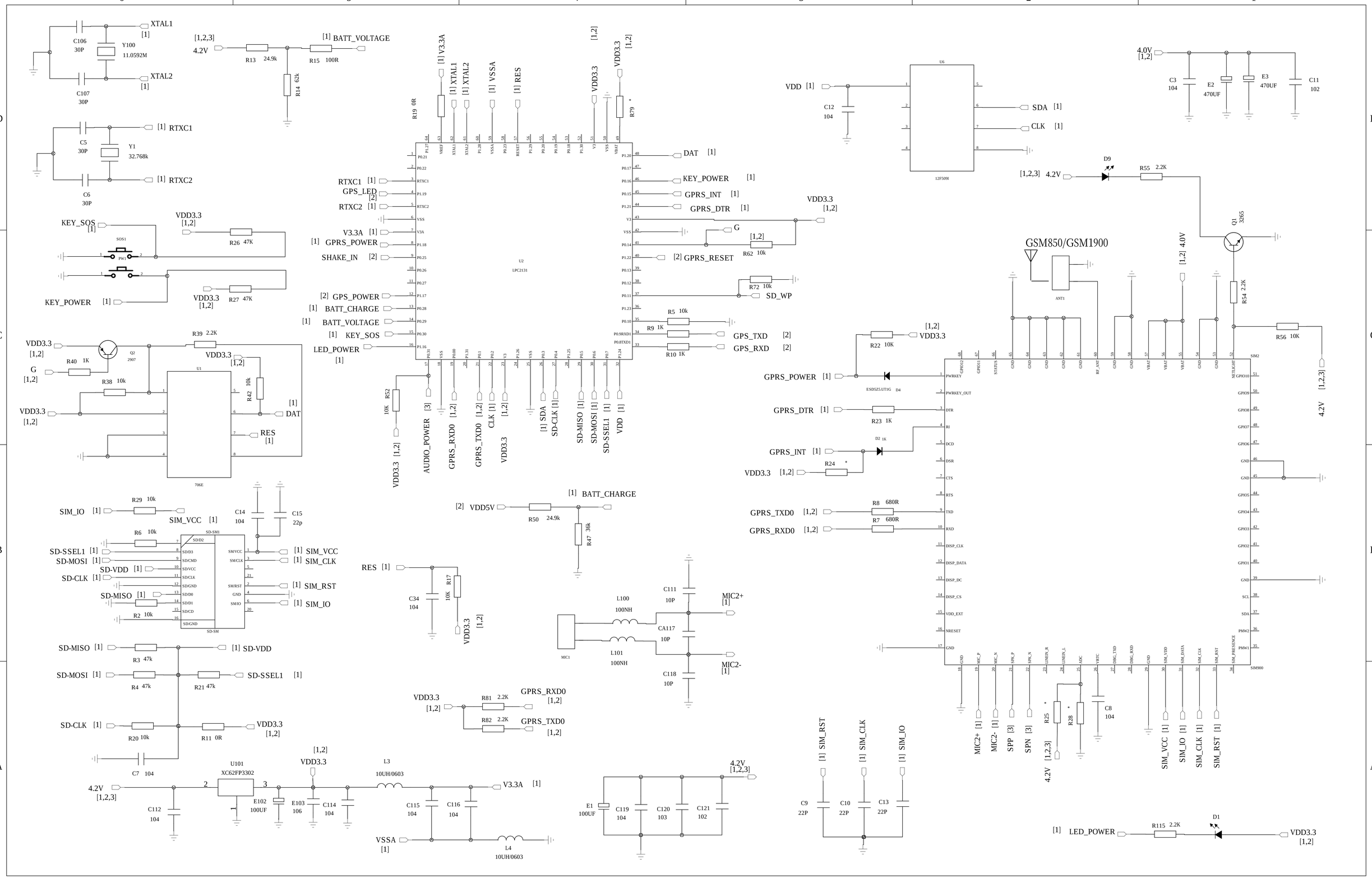
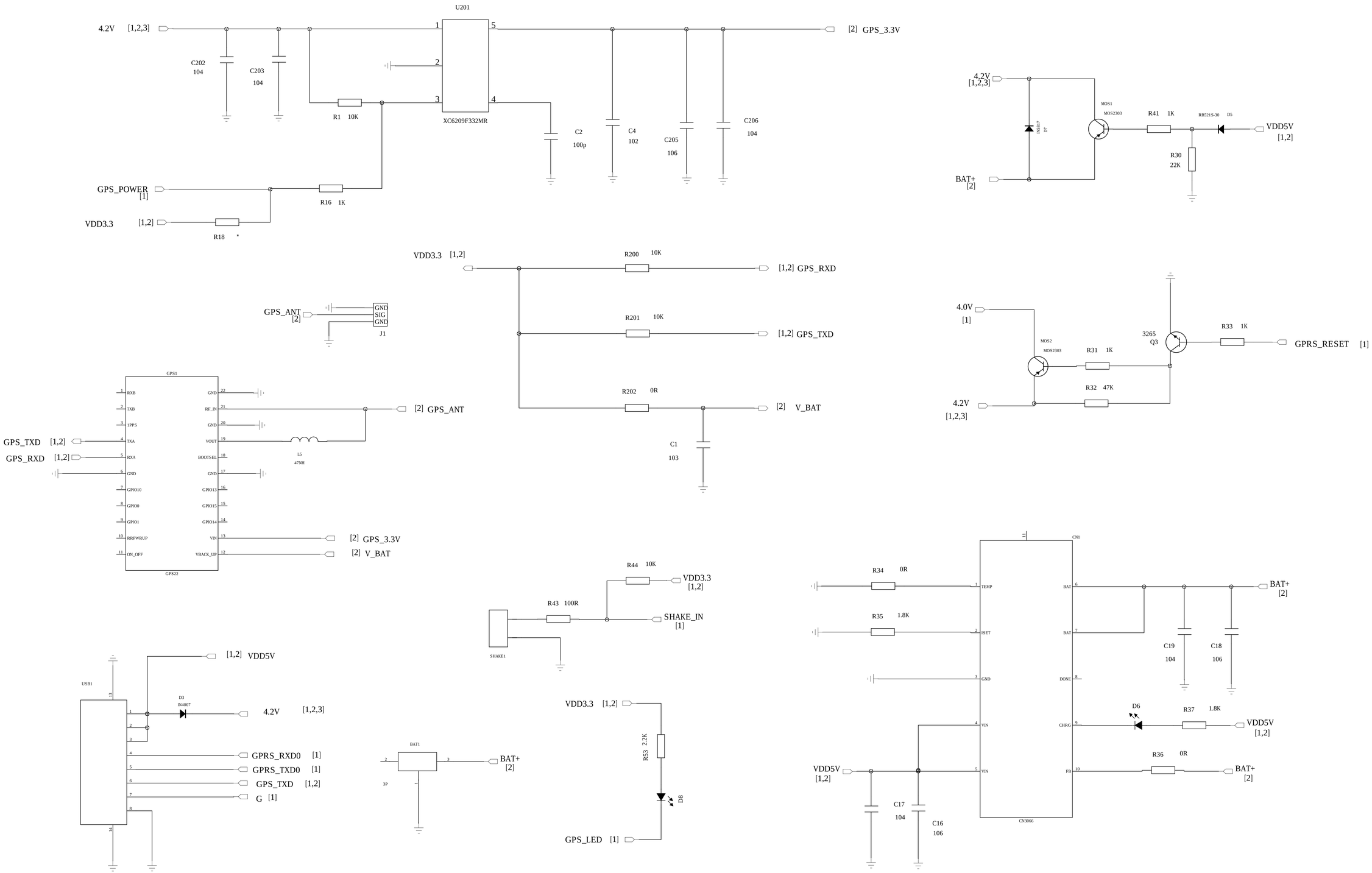
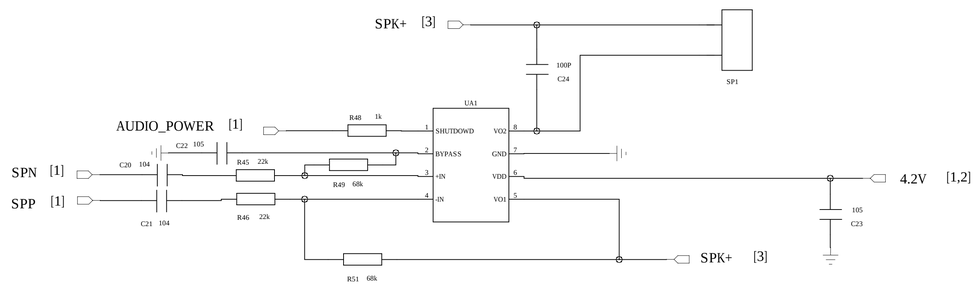

6
5
4
3
2
1
D
C
B
A
XTAL1
C106
30P
Y100
11.0592M
XTAL2
C107
30P
RTXC1
C5
30P
Y1
32.768k
RTXC2
C6
30P
KEY_SOS
SOS1
PW1
KEY_POWER
VDD3.3
R26 47K
R27 47K
VDD3.3
R39 2.2K
G
R40 1K
Q2
2907
R38 10k
R42 10k
706E
U1
DAT
RES
4.2V
R13 24.9k
R14 62k
R15 100R
BATT_VOLTAGE
R19 0R
V3.3A
XTAL1
XTAL2
VSSA
RES
VDD3.3
R79 *
U2
LPC2131
RTXC1
GPS_LED
RTXC2
V3.3A
GPRS_POWER
SHAKE_IN
GPS_POWER
BATT_CHARGE
BATT_VOLTAGE
KEY_SOS
LED_POWER
DAT
KEY_POWER
GPRS_INT
GPRS_DTR
G
R62 10k
GPRS_RESET
R72 10k
SD_WP
R5 10k
R9 1K
GPS_TXD
GPS_RXD
R10 1K
R52 10K
AUDIO_POWER
GPRS_RXD0
GPRS_TXD0
CLK
SDA
SD-CLK
SD-MISO
SD-MOSI
SD-SSEL1
VDD
SIM_IO
R29 10k
SIM_VCC
C14 104
C15 22p
SD-SM1
SD-SSEL1
SD-MOSI
SD-VDD
SD-CLK
SD-MISO
R6 10k
R2 10k
SIM_VCC
SIM_CLK
SIM_RST
SIM_IO
SD-SM
SD-MISO
R3 47k
SD-VDD
SD-MOSI
R4 47k
R21 47k
SD-SSEL1
SD-CLK
R20 10k
R11 0R
VDD3.3
C7 104
U101
XC62FP3302
4.2V
C112 104
E102 100UF
E103 106
C114 104
L3
10UH/0603
V3.3A
C115 104
C116 104
VSSA
L4
10UH/0603
VDD5V
R50 24.9k
BATT_CHARGE
R47 36k
RES
C34 104
R17 10K
VDD3.3
MIC1
L100
100NH
L101
100NH
C111 10P
CA117 10P
C118 10P
MIC2+
MIC2-
VDD3.3
R81 2.2K
R82 2.2K
GPRS_RXD0
GPRS_TXD0
E1 100UF
C119 104
C120 103
C121 102
4.2V
C9 22P
C10 22P
C13 22P
SIM_RST
SIM_CLK
SIM_IO
U6
12F509I
VDD
C12 104
SDA
CLK
4.0V
C3 104
E2 470UF
E3 470UF
C11 102
D9
R55 2.2K
Q1 3265
R54 2.2K
R56 10K
GSM850/GSM1900
ANT1
R22 10K
GPRS_POWER
ESD5Z5.0T1G D4
GPRS_DTR
R23 1K
GPRS_INT
D2 1K
R24 *
GPRS_TXD0
R8 680R
GPRS_RXD0
R7 680R
PWRKEY
PWRKEY_OUT
DTR
RI
DCD
DSR
CTS
RTS
TXD
RXD
DISP_CLK
DISP_DATA
DISP_DC
DISP_CS
VDD_EXT
NRESET
GND
SIM900
MIC2+
MIC2-
SPP
SPN
R25 *
R28 *
C8 104
SIM_VCC
SIM_IO
SIM_CLK
SIM_RST
LED_POWER
R115 2.2K
D1


U201
XC6209F332MR
4.2V [1,2,3]
[2] GPS_3.3V
C202 104
C203 104
R1 10K
C2 100p
C4 102
C205 106
C206 104
GPS_POWER [1]
R16 1K
VDD3.3 [1,2]
R18 *
4.2V [1,2,3]
MOS1
MOS2303
R41 1K
RB521S-30 D5
VDD5V [1,2]
R30 22K
BAT+ [2]
VDD3.3 [1,2]
R200 10K
[1,2] GPS_RXD
R201 10K
[1,2] GPS_TXD
R202 0R
[2] V_BAT
C1 103
GPS_ANT [2]
GND
SIG
GND
J1
4.0V [1]
MOS2
MOS2303
R31 1K
R32 47K
3265 Q3
R33 1K
GPRS_RESET [1]
4.2V [1,2,3]
GPS1
GPS22
GPS_TXD [1,2]
GPS_RXD [1,2]
[2] GPS_ANT
L5 47NH
[2] GPS_3.3V
[2] V_BAT
R44 10K
VDD3.3 [1,2]
R43 100R
SHAKE_IN [1]
SHAKE1
CN1
CN3066
R34 0R
R35 1.8K
TEMP
ISET
GND
VIN
VIN
BAT
BAT
DONE
CHRG
FB
BAT+ [2]
C19 104
C18 106
D6
R37 1.8K
VDD5V [1,2]
R36 0R
BAT+ [2]
VDD5V [1,2]
C17 104
C16 106
USB1
[1,2] VDD5V
D3 IN4007
4.2V [1,2,3]
GPRS_RXD0 [1]
GPRS_TXD0 [1]
GPS_TXD [1,2]
G [1]
BAT1
3P
BAT+ [2]
VDD3.3 [1,2]
R53 2.2K
D8
GPS_LED [1]

D


SPK+ [3]
100P
C24
SP1
UA1
AUDIO_POWER [1]
R48 1k
C22 105
SHUTDOWD
BYPASS
+IN
-IN
VO2
GND
VDD
VO1
SPN [1]
C20 104
R45 22k
R49 68k
SPP [1]
C21 104
R46 22k
4.2V [1,2]
105
C23
R51 68k
SPK+ [3]