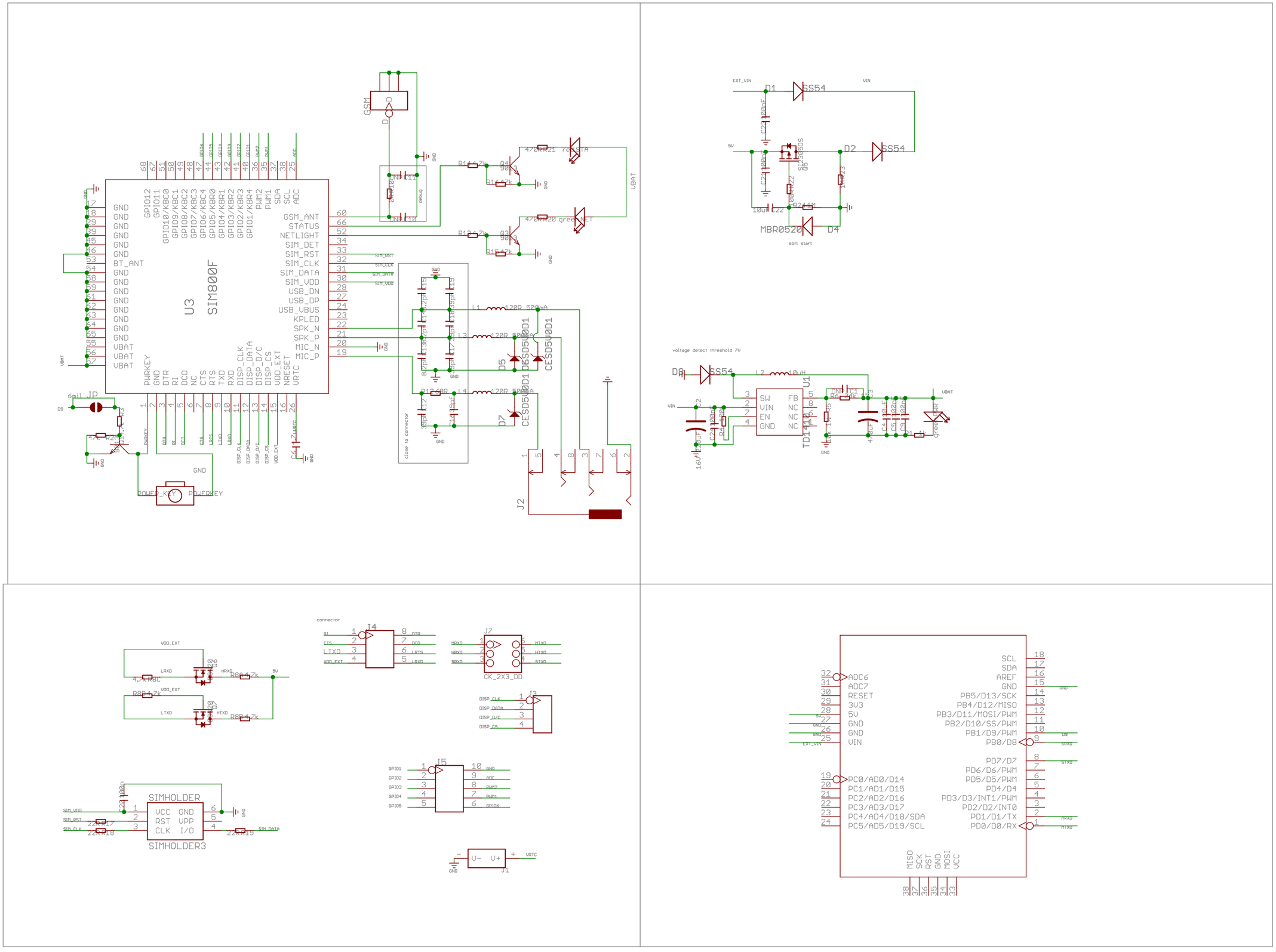

U3
SIM800F
GSM
VBAT
GND
BT_ANT
GSM_ANT
STATUS
NETLIGHT
SIM_DET
SIM_RST
SIM_CLK
SIM_DATA
SIM_VDD
USB_DN
USB_DP
USB_VBUS
KPLED
SPK_N
SPK_P
MIC_N
MIC_P
PWRKEY
DTR
RI
DCD
NC
CTS
RTS
TXD
RXD
DISP_CLK
DISP_DATA
DISP_D/C
DISP_CS
VDD_EXT
NRESET
VRTC
JP
POWER_KEY
POWERKEY
CESD5V0D1
J2
EXT_VIN
VIN
D1
SS54
D2
MBR0520
D4
soft start
voltage detect threshold 7V
D8
U1
SW
VIN
EN
GND
FB
NC
TD1410
VDD_EXT
LRXD
LTXD
HRXD
HTXD
connector
J4
J7
CK_2X3_DD
J3
J5
SIMHOLDER
VCC
RST
CLK
GND
VPP
I/O
SIMHOLDER3
J1
V-
V+
VRTC
ADC6
ADC7
RESET
3V3
5V
GND
VIN
PC0/AD0/D14
PC1/AD1/D15
PC2/AD2/D16
PC3/AD3/D17
PC4/AD4/D18/SDA
PC5/AD5/D19/SCL
SCL
SDA
AREF
PB5/D13/SCK
PB4/D12/MISO
PB3/D11/MOSI/PWM
PB2/D10/SS/PWM
PB1/D9/PWM
PB0/D8
PD7/D7
PD6/D6/PWM
PD5/D5/PWM
PD4/D4
PD3/D3/INT1/PWM
PD2/D2/INT0
PD1/D1/TX
PD0/D0/RX
MISO
SCK
RST
GND
MOSI
VCC