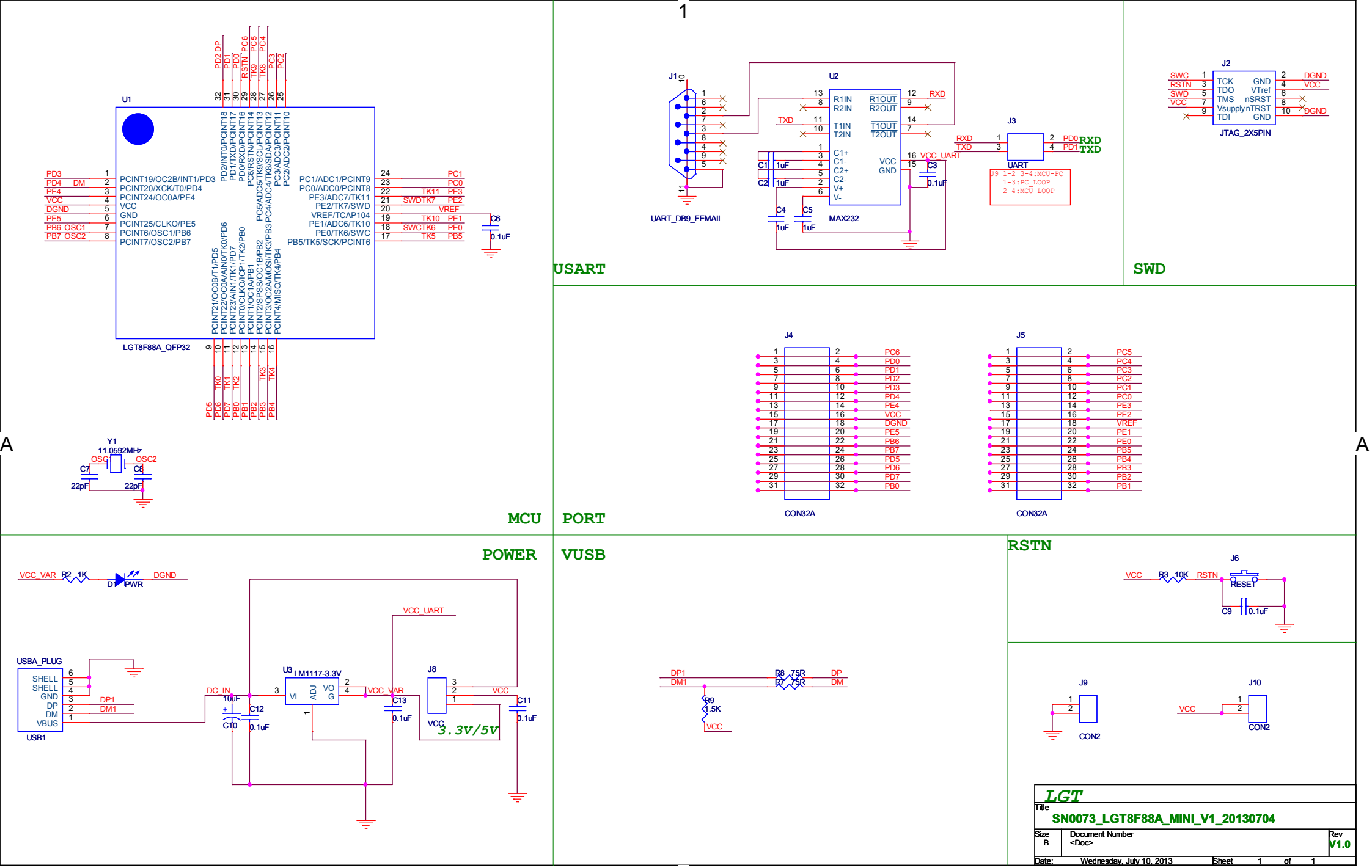
U1
LGT8F88A_QFP32
PD3 PCINT19/OC2B/INT1/PD3
PD4 DM PCINT20/XCK/T0/PD4
PE4 PCINT24/OC0A/PE4
VCC VCC
DGND GND
PE5 PCINT25/CLKO/PE5
PB6 OSC1 PCINT6/OSC1/PB6
PB7 OSC2 PCINT7/OSC2/PB7
PC1 PC1/ADC1/PCINT9
PC0 PC0/ADC0/PCINT8
TK11 PE3 PE3/ADC7/TK11
SWDTK7 PE2 PE2/TK7/SWD
VREF VREF/TCAP104
TK10 PE1 PE1/ADC6/TK10
SWCTK6 PE0 PE0/TK6/SWC
TK5 PB5 PB5/TK5/SCK/PCINT6
C6
0.1uF
Y1
11.0592MHz
OSC1
OSC2
C7
C8
22pF
22pF
MCU
J1
UART_DB9_FEMAIL
U2
MAX232
R1IN
R2IN
R1OUT
R2OUT
T1IN
T2IN
T1OUT
T2OUT
C1+
C1-
C2+
C2-
V+
V-
VCC
GND
RXD
TXD
VCC_UART
C1 1uF
C2 1uF
C3 0.1uF
C4 1uF
C5 1uF
J3
UART
J9 1-2 3-4:MCU-PC
1-3:PC_LOOP
2-4:MCU_LOOP
USART
J2
JTAG_2X5PIN
SWC TCK
RSTN TDO
SWD TMS
VCC Vsupply
TDI
GND
VTref
nSRST
nTRST
DGND
VCC
SWD
J4
CON32A
J5
CON32A
PORT
VCC_VAR
R2 1K
D1 PWR
DGND
USBA_PLUG
USB1
SHELL
GND
DP
DM
VBUS
DP1
DM1
DC_IN
10uF
C10
C12
0.1uF
U3 LM1117-3.3V
VI
ADJ
VOUT
VCC_UART
VCC_VAR
C13
0.1uF
J8
VCC
3.3V/5V
C11
0.1uF
POWER
DP1
DM1
R8 75R
R7 75R
DP
DM
R9
1.5K
VCC
VUSB
VCC
R3 10K
RSTN
J6
RESET
C9
0.1uF
RSTN
J9
CON2
J10
CON2
LGT
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Wednesday, July 10, 2013
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1
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