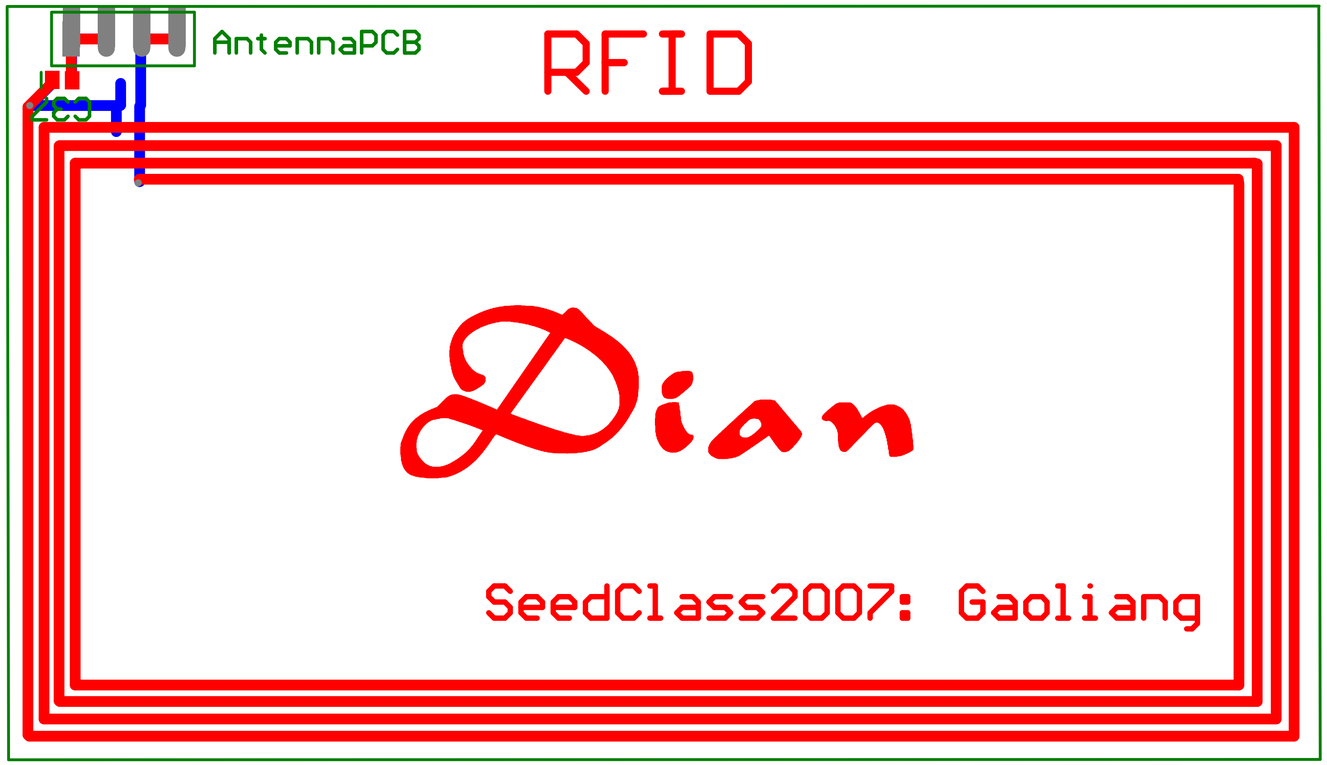
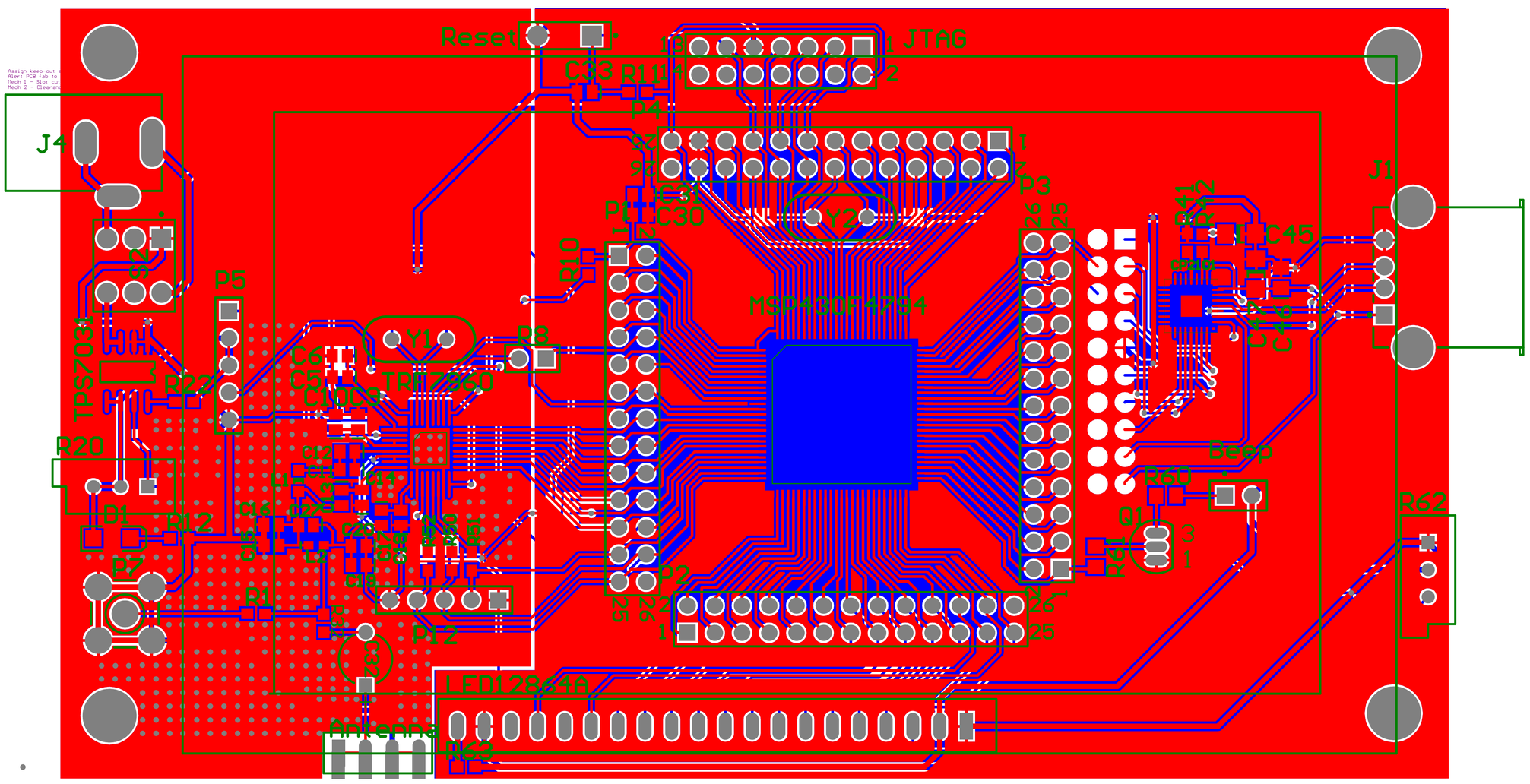
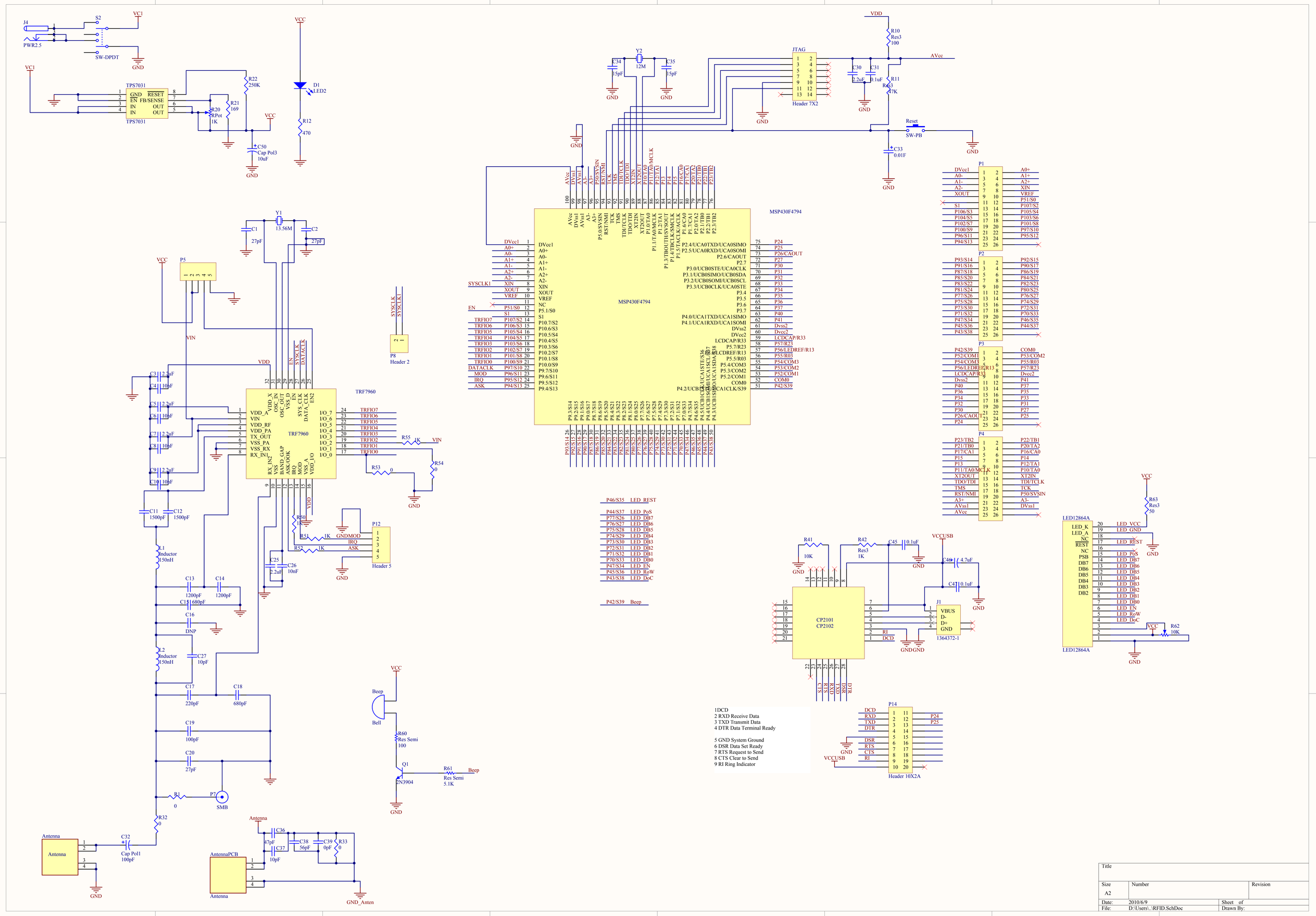

AntennaPCB
RFID
Dian
SeedClass2007: Gaoliang


Reset
JTAG
J4
J1
P5
P4
P3
P2
P7
P12
Y1
Y2
R8
R20
R22
R62
R60
Beep
Q1
MSP430F4294
TRH7960
TPS7831
LED12864a
Antenna
C30
C45
C33
R11


J4
PWR2.5
S2
SW-DPDT
VC1
GND
TPS7031
GND RESET
EN FB/SENSE
IN OUT
IN OUT
R22
250K
R21
169
R20
RPot
1K
C50
Cap Pol3
10uF
VCC
D1
LED2
R12
470
Y2
12M
C34
15pF
C35
15pF
JTAG
Header 7X2
VDD
R10
Res3
100
AVcc
C30
2.2uF
C31
0.1uF
R11
Res3
47K
Reset
SW-PB
C33
0.01F
MSP430F4794
Y1
13.56M
C1
27pF
C2
27pF
P5
VIN
VDD
SYSCLK
DATACLK
EN
P8
Header 2
TRF7960
C3 2.2uF
C4 10uF
C5 2.2uF
C6 10uF
C7 2.2uF
C8 10uF
C9 2.2uF
C10 10uF
C11
1500pF
C12
1500pF
R55 1K
R53 0
R54 0
R50 1K
R51 1K
R52 1K
GND
MOD
IRQ
ASK
P12
Header 5
C25
2.2uF
C26
10nF
L1
Inductor
150nH
C13
1200pF
C14
1200pF
C15 680pF
C16
DNP
L2
Inductor
150nH
C27
10pF
C17
220pF
C18
680pF
C19
100pF
C20
27pF
R1
0
P7
SMB
R32
0
Antenna
C32
Cap Pol1
100pF
AntennaPCB
C36
47pF
C37
10pF
C38
56pF
C39
0pF
R33
0
GND_Anten
Beep
Bell
R60
Res Semi
100
Q1
2N3904
R61
Res Semi
5.1K
P46/S35 LED_REST
P44/S37 LED_PoS
P77/S26 LED_DB7
P76/S27 LED_DB6
P75/S28 LED_DB5
P74/S29 LED_DB4
P73/S30 LED_DB3
P72/S31 LED_DB2
P71/S32 LED_DB1
P70/S33 LED_DB0
P47/S34 LED_EN
P45/S36 LED_RoW
P43/S38 LED_DoC
P42/S39 Beep
1DCD
2 RXD Receive Data
3 TXD Transmit Data
4 DTR Data Terminal Ready
5 GND System Ground
6 DSR Data Set Ready
7 RTS Request to Send
8 CTS Clear to Send
9 RI Ring Indicator
R41
10K
R42
Res3
1K
C45
0.1uF
VCCUSB
C46
4.7uF
C47
0.1uF
CP2101
CP2102
J1
VBUS
D-
D+
GND
1364372-1
P14
Header 10X2A
P1
P2
P3
P4
LED12864A
R63
Res3
50
R62
10K
Title
Size
A2
Number
Revision
Date: 2010/6/9
File: D:\Users\..\RFID.SchDoc
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