

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

TT 1.0

MV2 Build

2007/03/02

DATE	CHANGE NO.	REV
1		2

DRAWER	EE	DATE	POWER	DATE
DESIGN				
CHECK				
RESPONSIBLE				
SIZE = 3		VER :		
FILE NAME : XXXX-XXXXXX-XX				
P/N	XXXXXXXXXXXX			

INVENTEC

TITLE TT1.0 For WWAN Solution

SIZE CODE DOC. NUMBER REV

A3 CS 1310A21421-0 A02

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	1	2	3	4	5	6	7	8

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6- Selector & Battery CONN
7- +V5A, +V3A & +V1.8S
8- OCP
9- +VCC_NB & V1.2S
10- +VCC_CORE
11- DDR2 POWER
12- Power(Sleep)
13- Power(Sequence)
14- Clock Generator
15- AMD CPU-1
16- AMD CPU-2
17- AMD CPU-3
18- AMD CPU-4
19- Thermal & Fan Controller
20- RS690T -1
21- RS690T -2
22- RS690T -3
23- RS690T -4
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25- DDR2-DIMM1
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41- USB CONN
42- CB/D CONN
43- BLANK
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45- MiniCard
46- LAN Interface
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49- Screw
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56- BLANK
57- ODD extension board
58- SW/B connector
59- SIM board
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INVENTEC

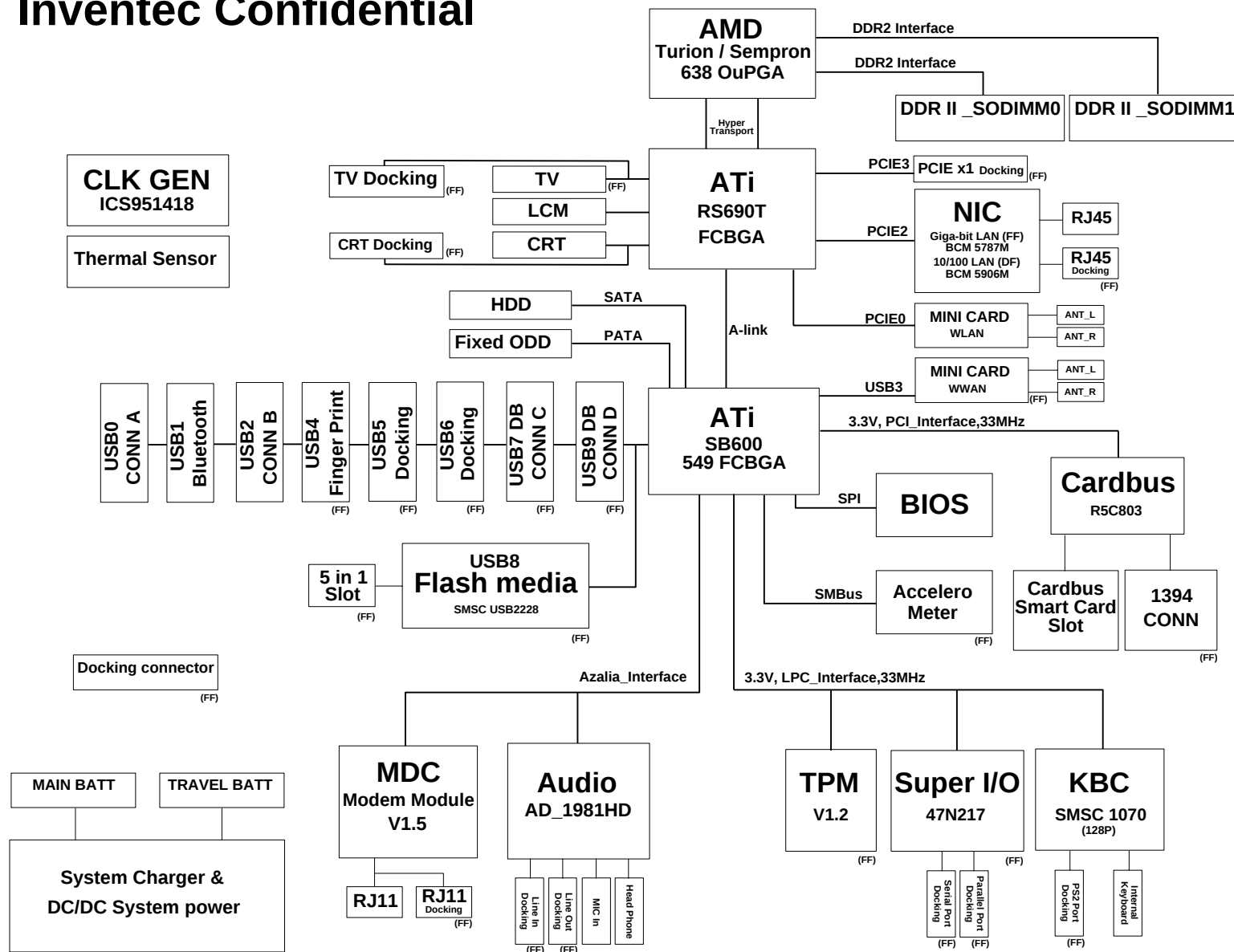
TITLE *TT1.0*

SIZE A3	CODE CS	DOC. NUMBER <i>1310A21421-0</i>	REV A02
-------------------	-------------------	------------------------------------	-------------------

CHANGE by *Jimmy song* 2-Mar-2007

SHEET 2 OF 61

Inventec Confidential



DF: De-Featured
FF: Full-Featured

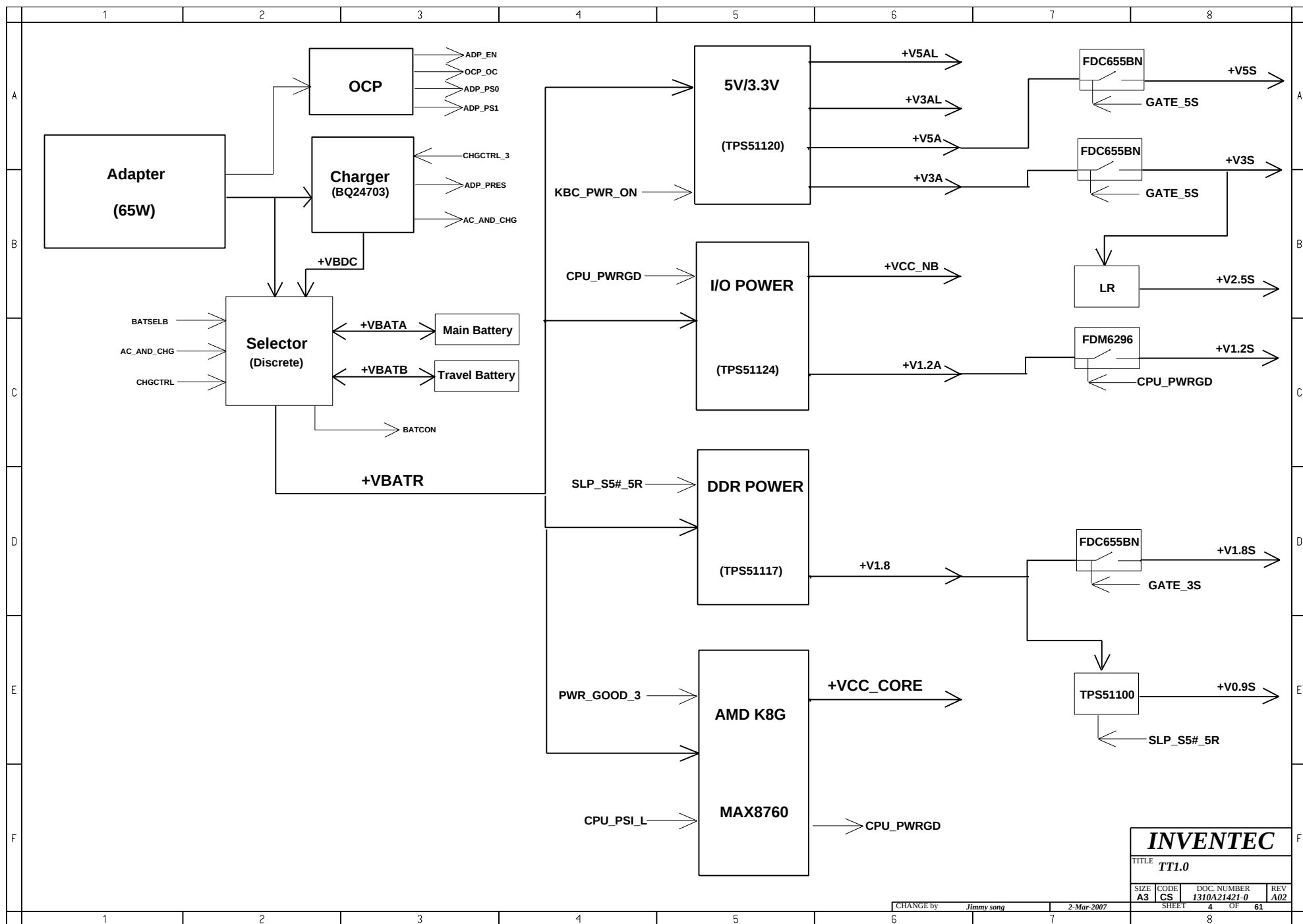
INVENTEC

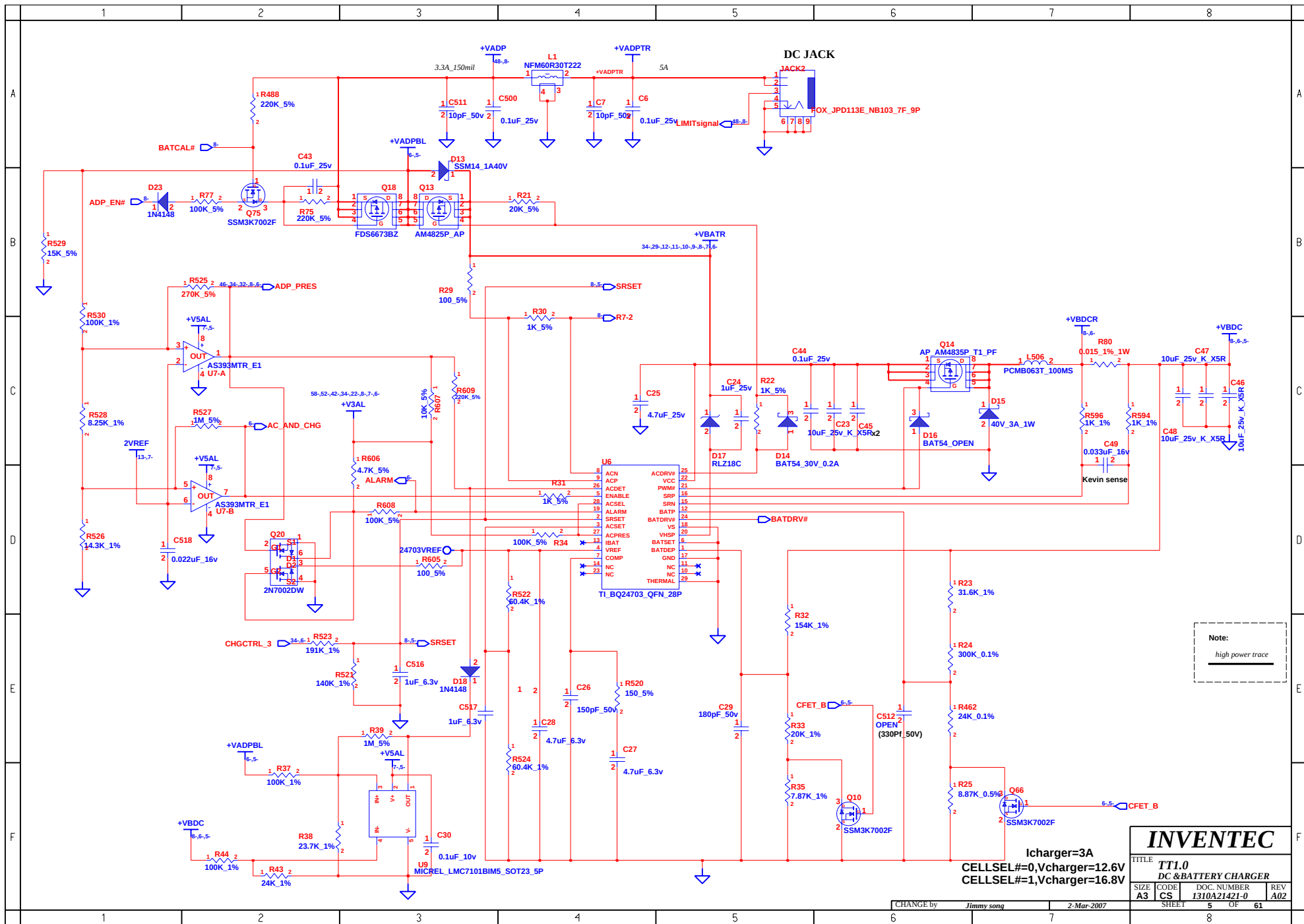
TITLE
TT1.0
Block Diagram

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

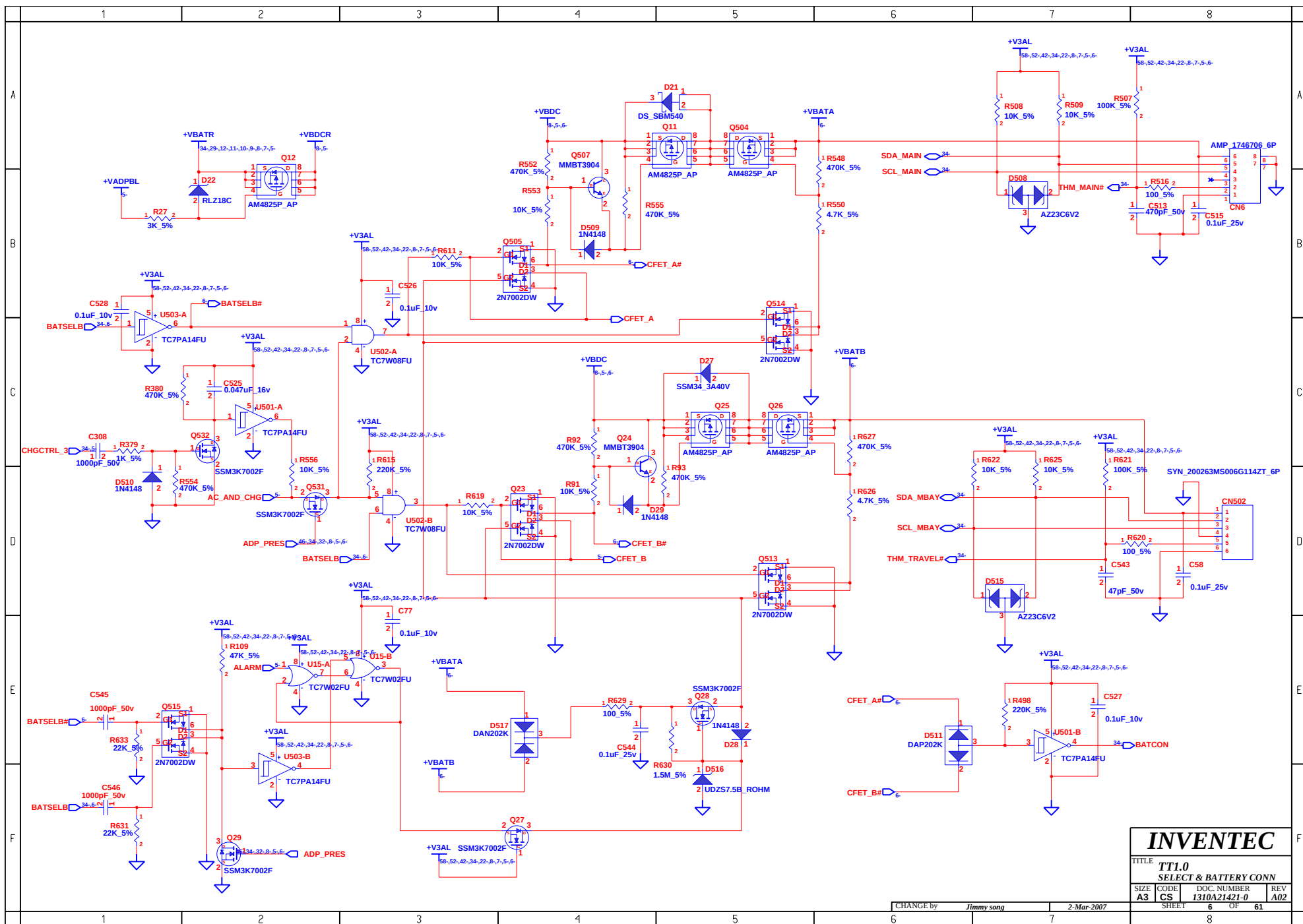
SHEET 3 OF 61

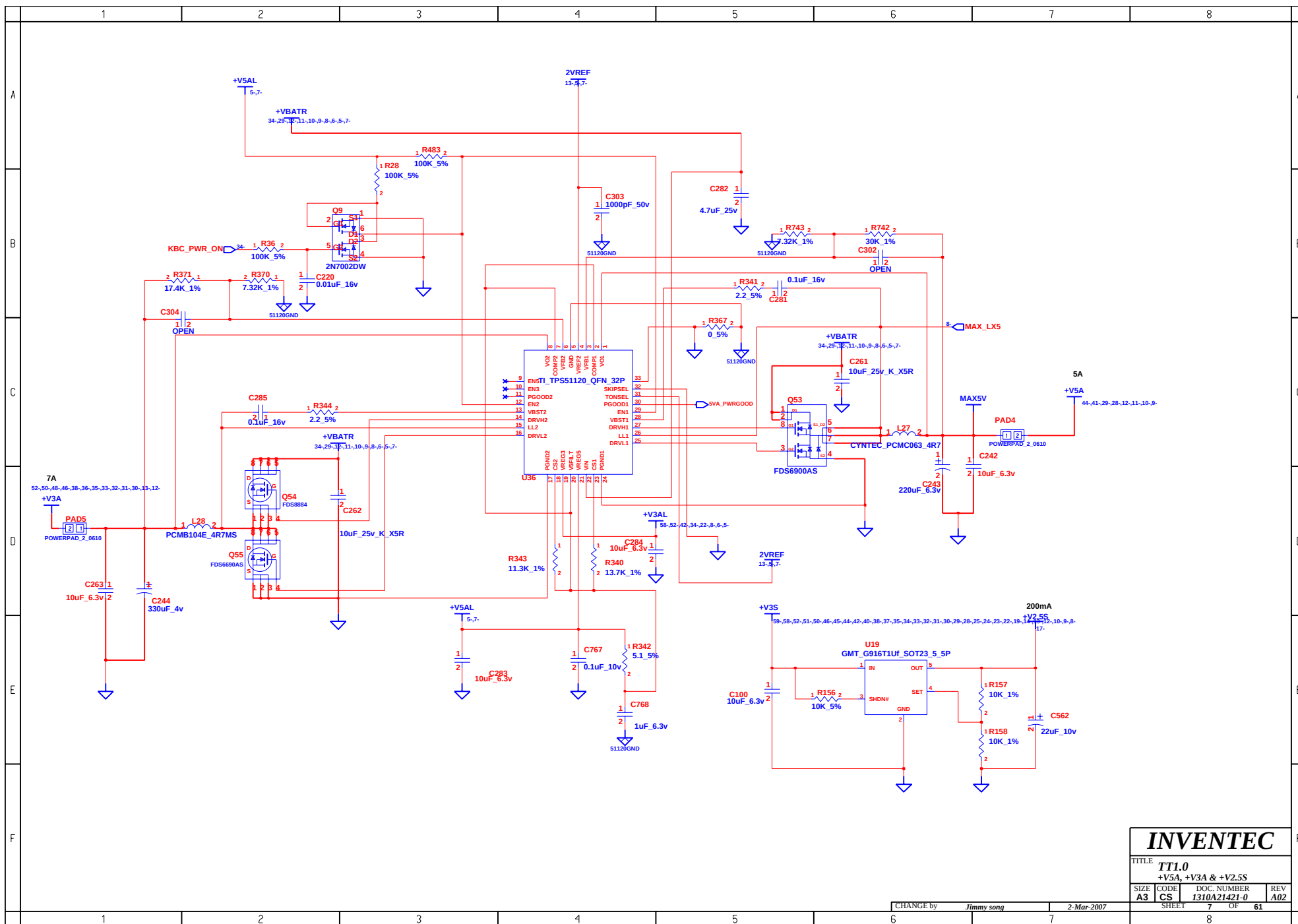


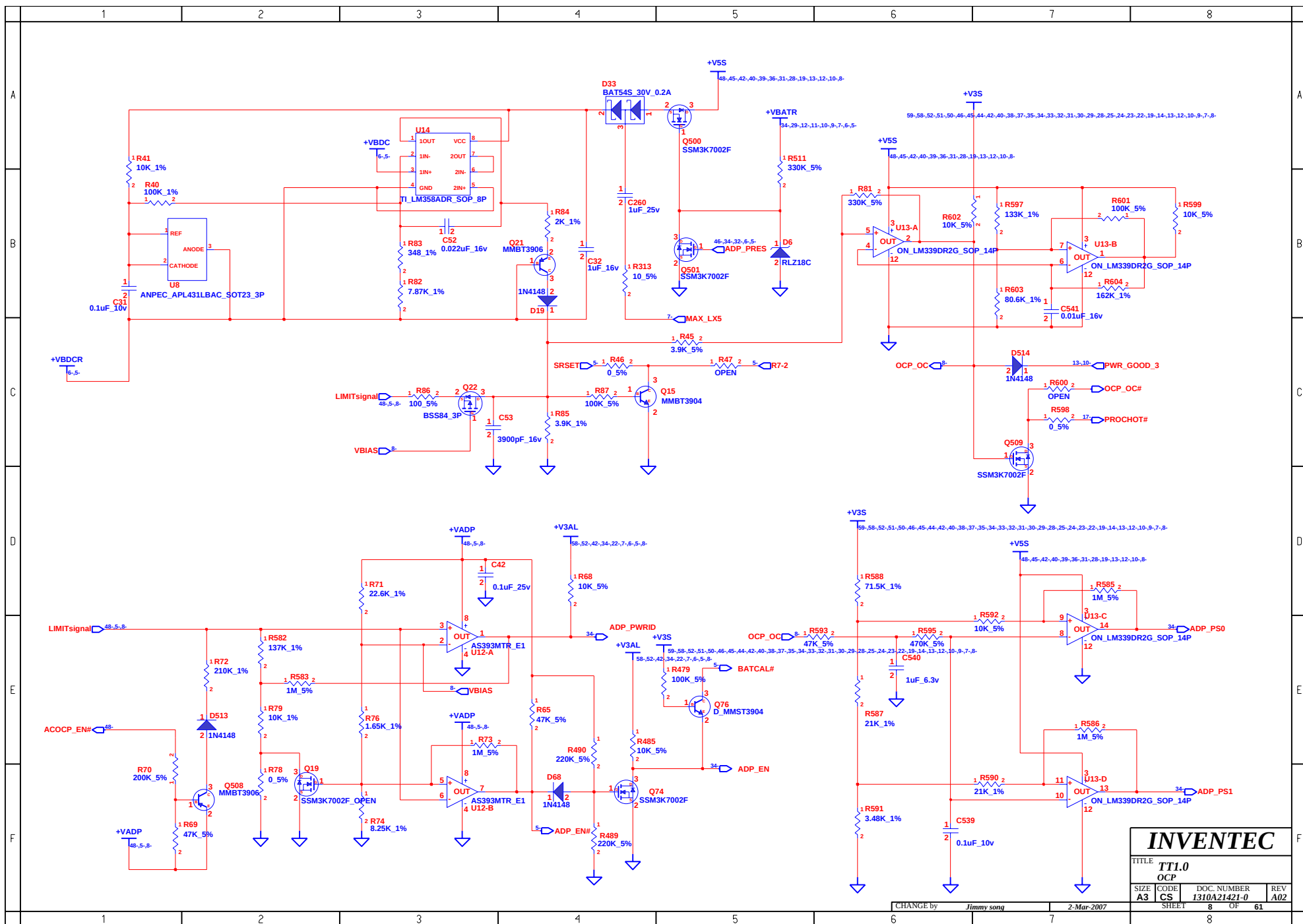


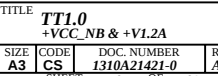
Note:
high power trace

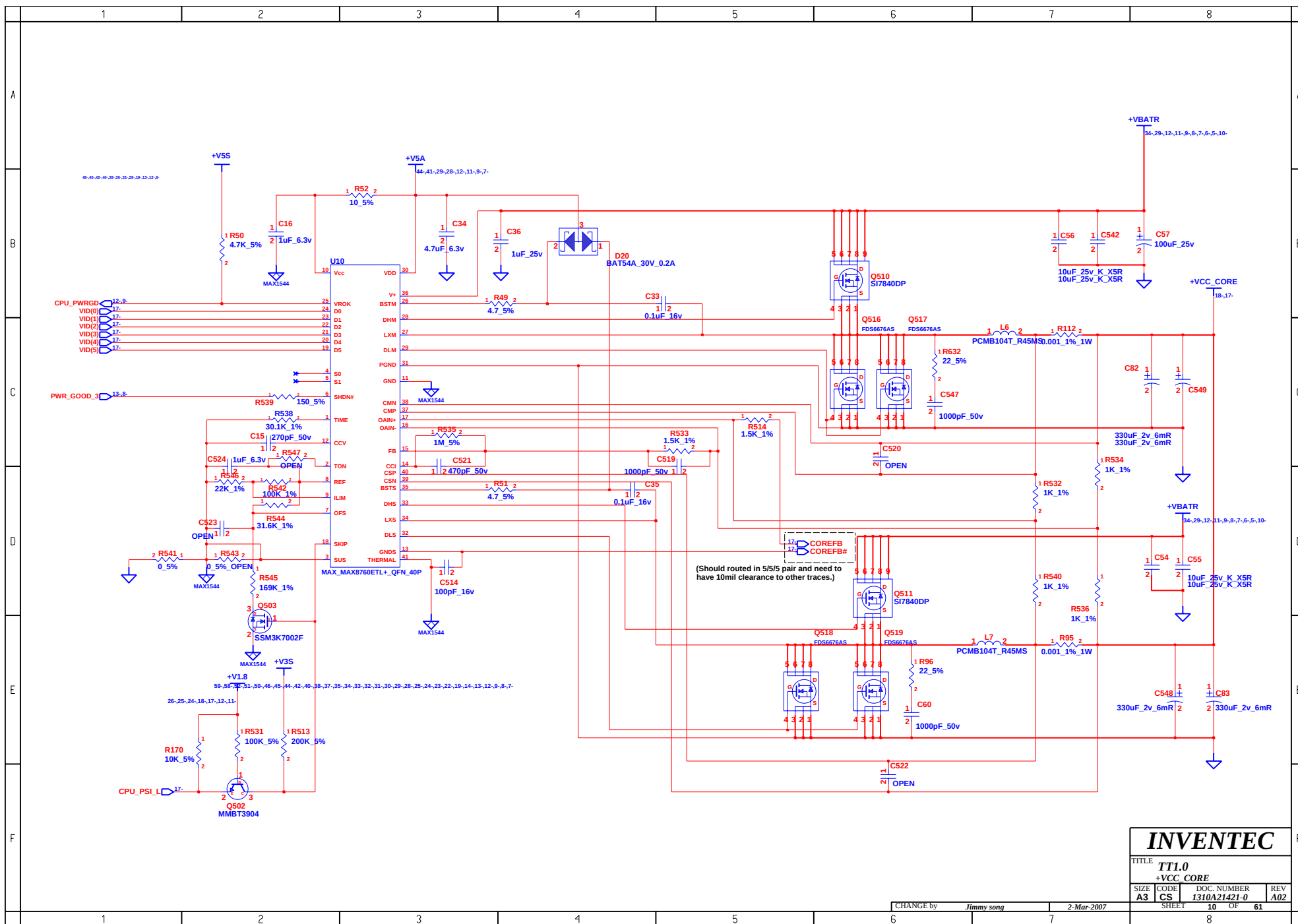
Icharger=3A
CELLSEL#=0,Vcharger=12.6V
CELLSEL#=1,Vcharger=16.8V

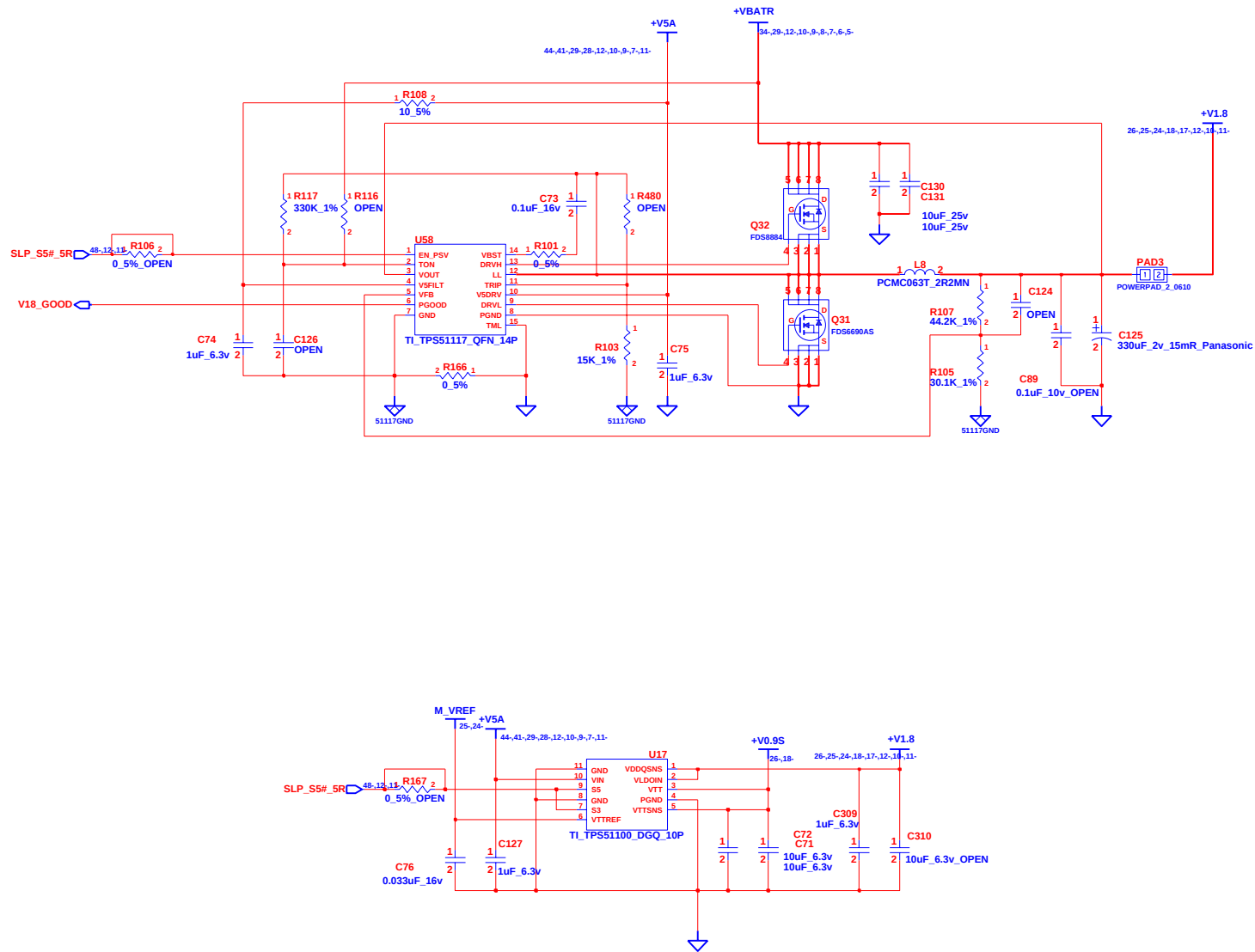






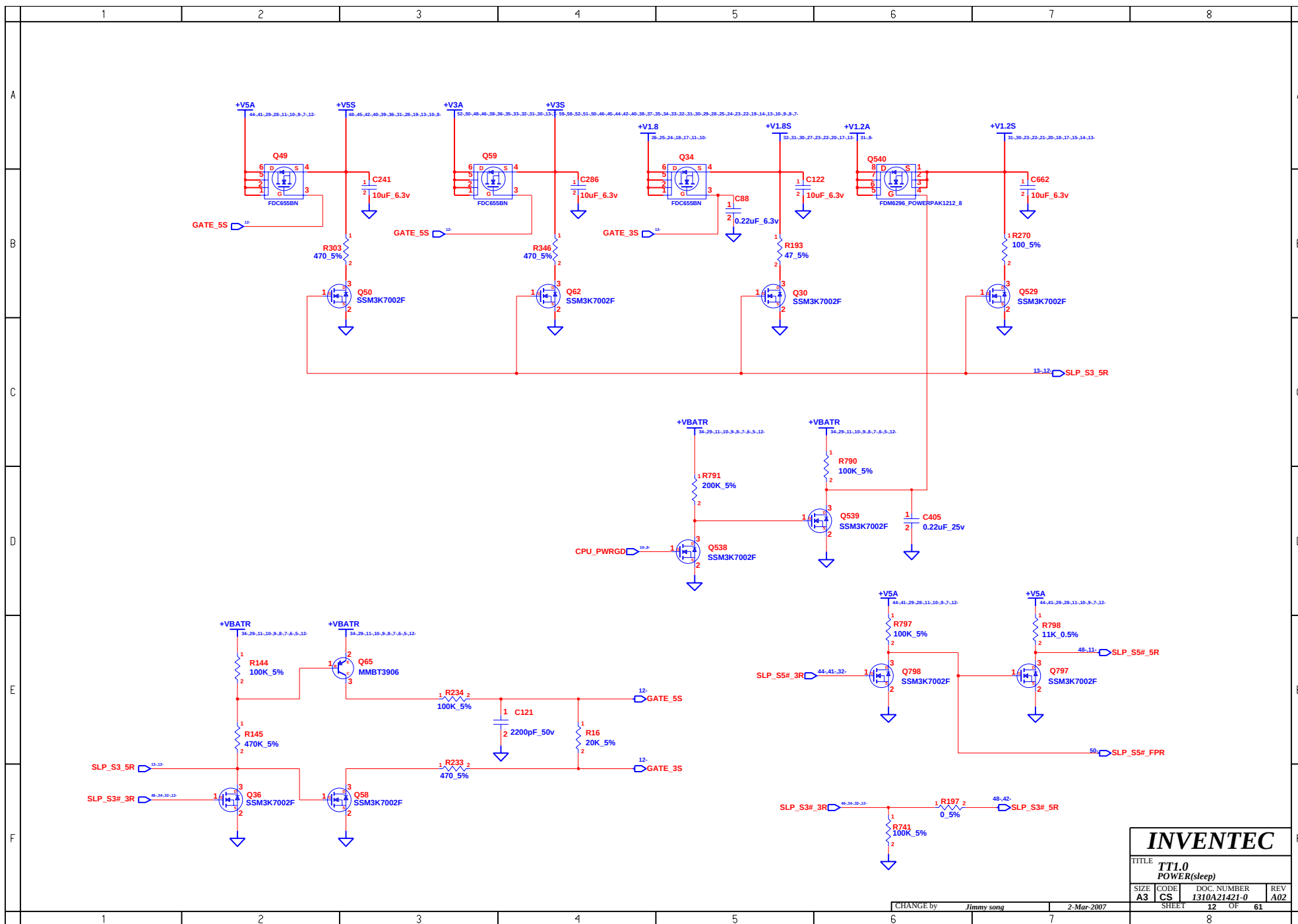


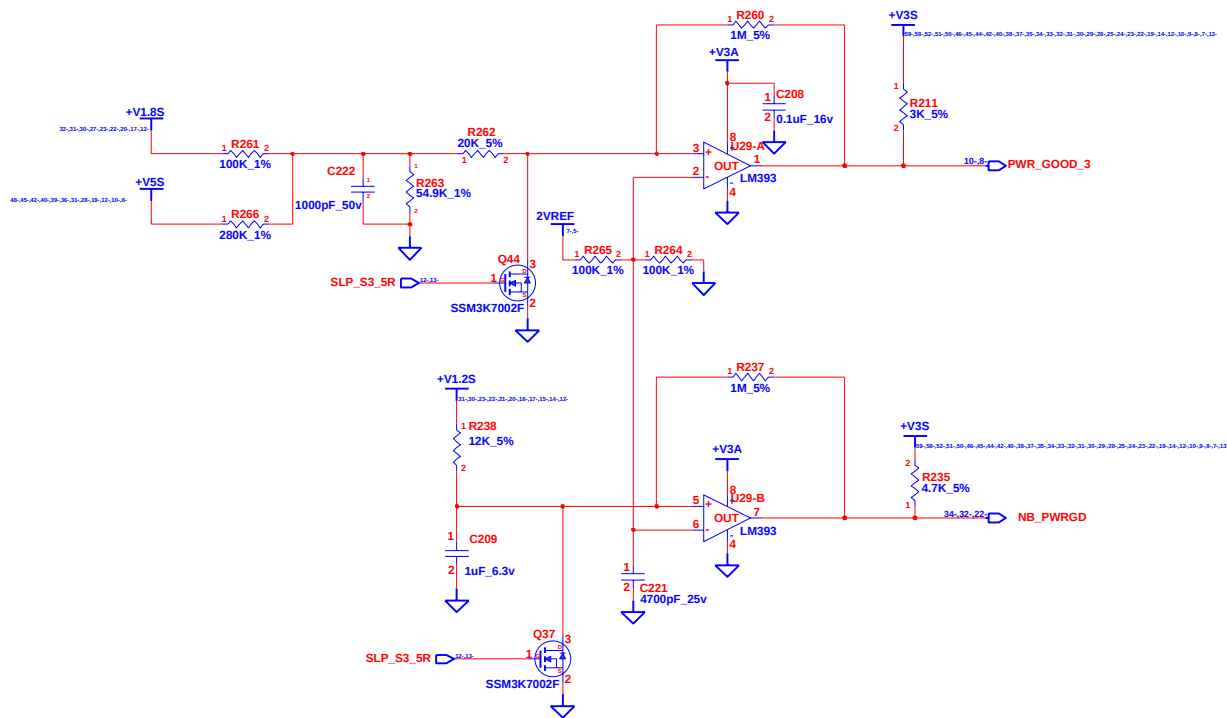




INVENTEC

TITLE TT1.0 DDR2 POWER			
SIZE A3	CODE CS	DOC. NUMBER I310A21421-0	REV A02
CHANGE by <i>Jimmy song</i>		2-Mar-2007	
SHEET 11		OF 61	

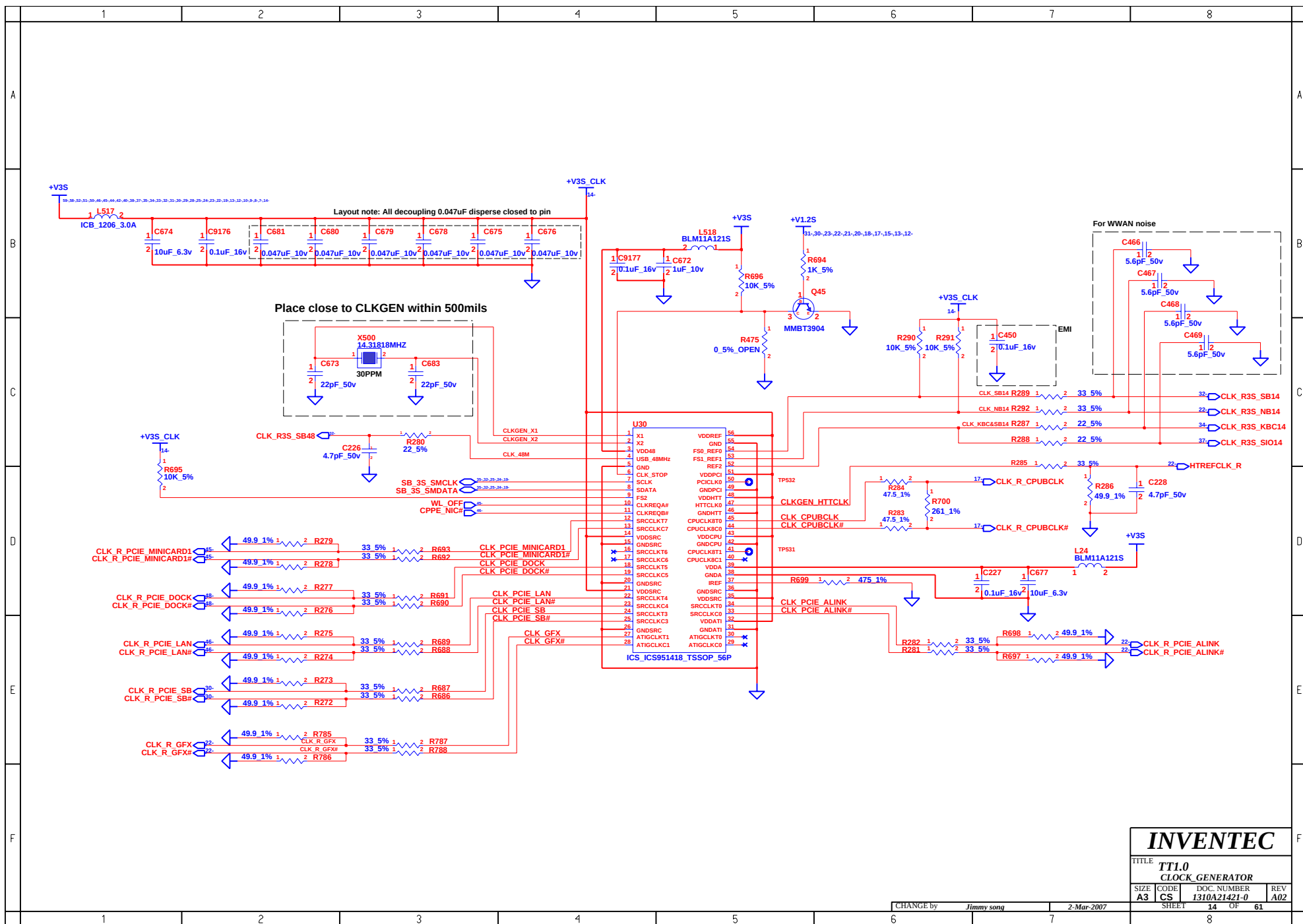


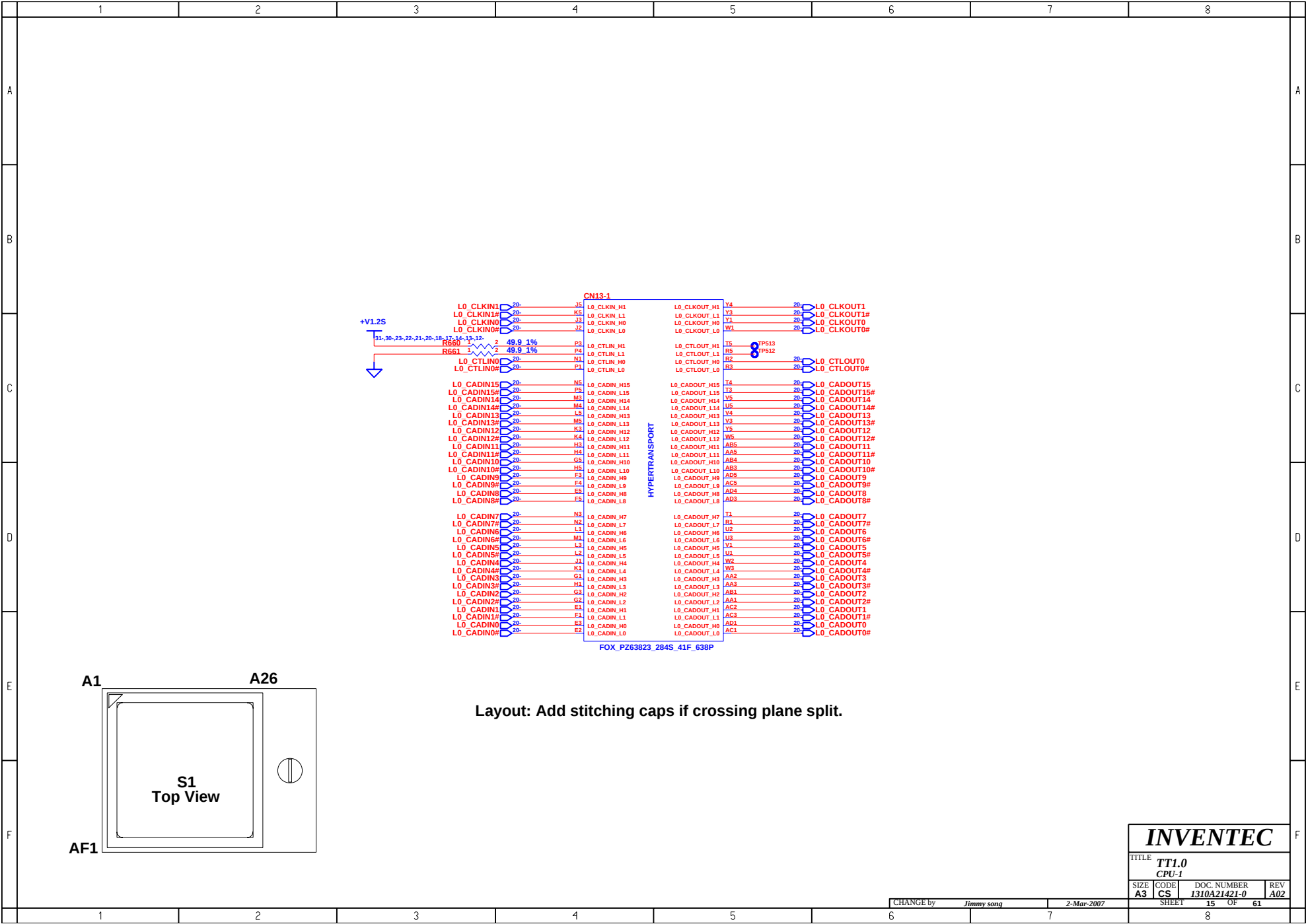


INVENTEC

TITLE			
TT1.0			
POWER(Sequence)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21421-0	A02
SHEET		13	OF 61

CHANGE by Jimmy song 2-Mar-2007



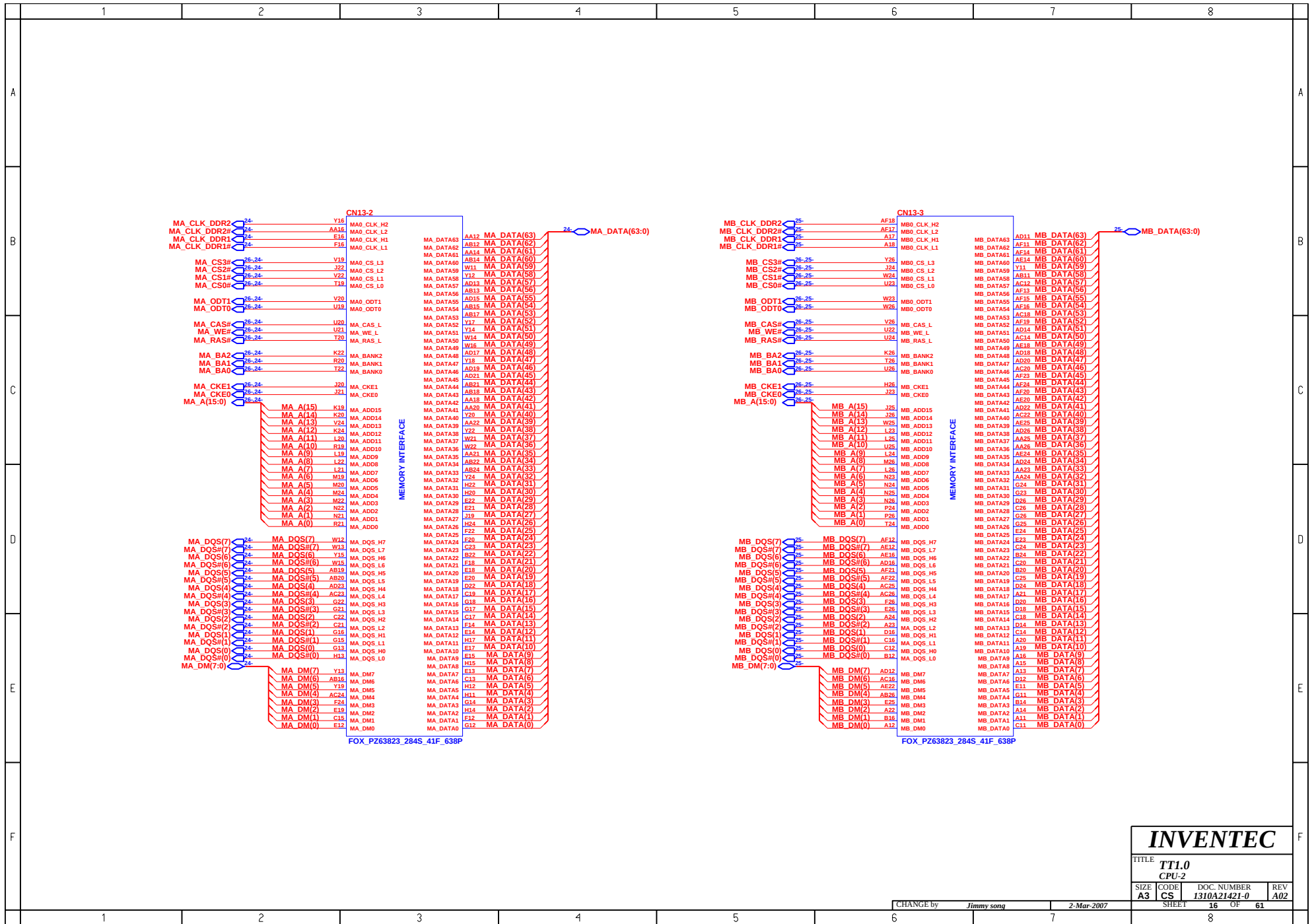


INVENTEC

TITLE			
TT1.0			
CPU-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 15 OF 61

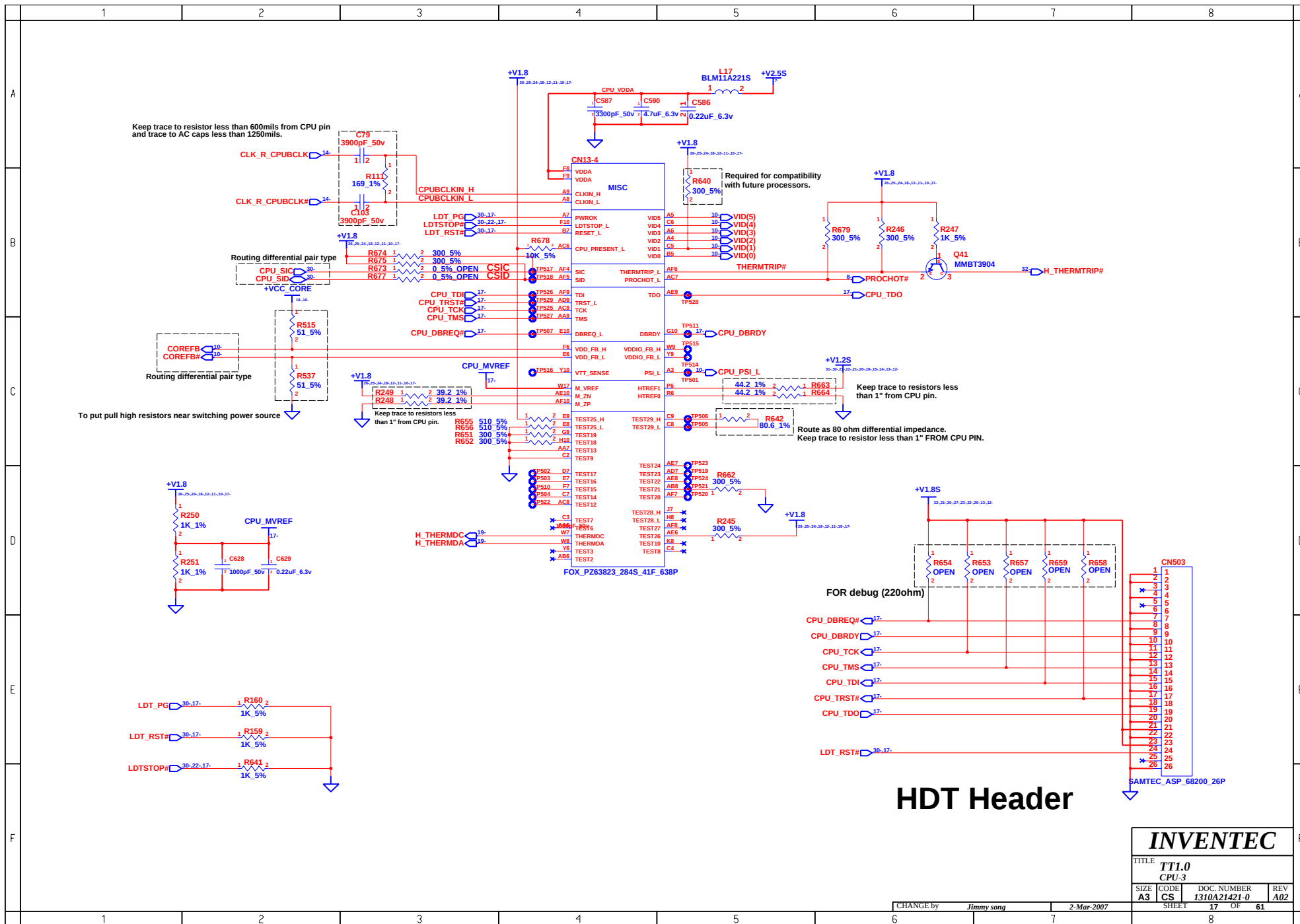


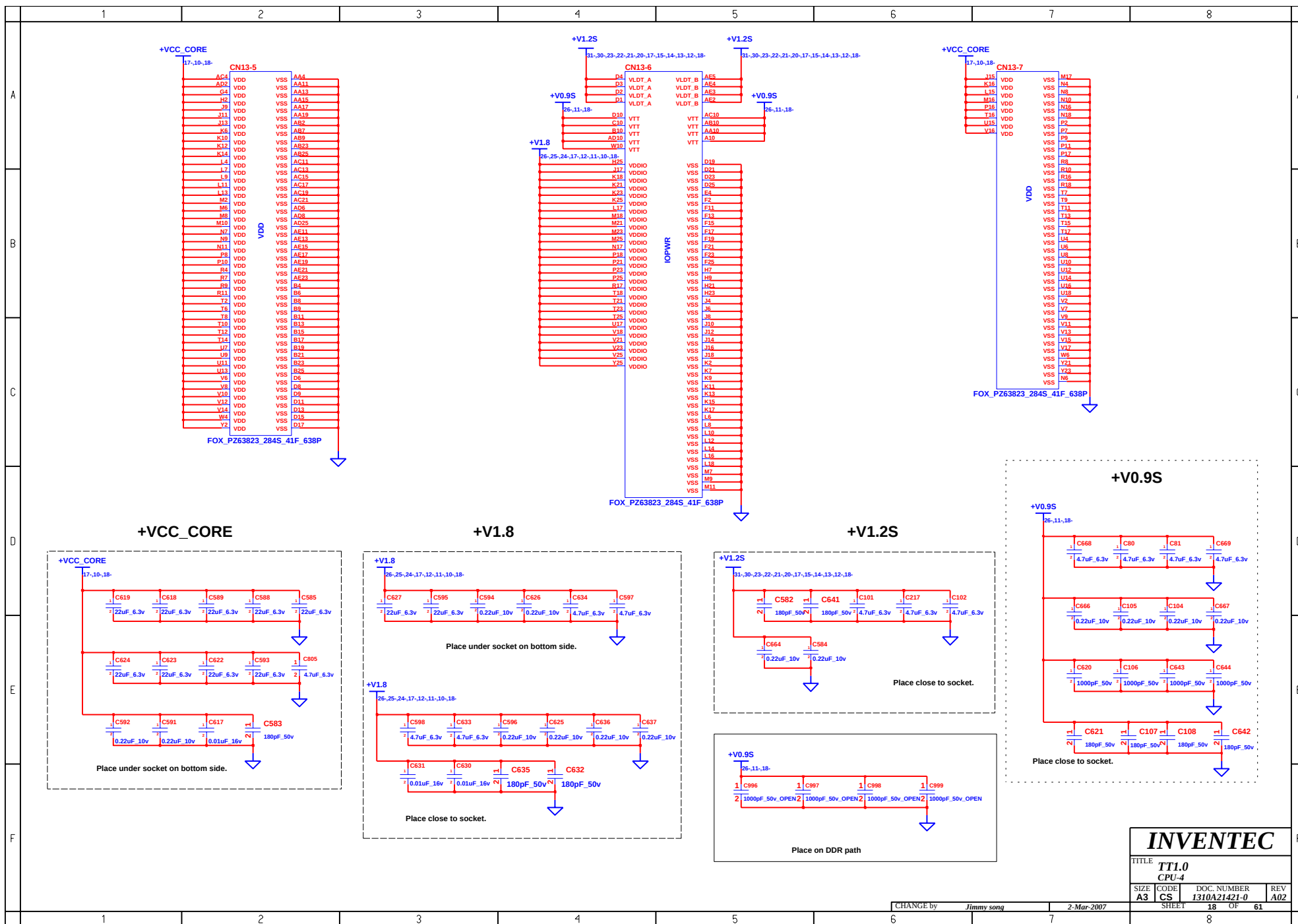
INVENTEC

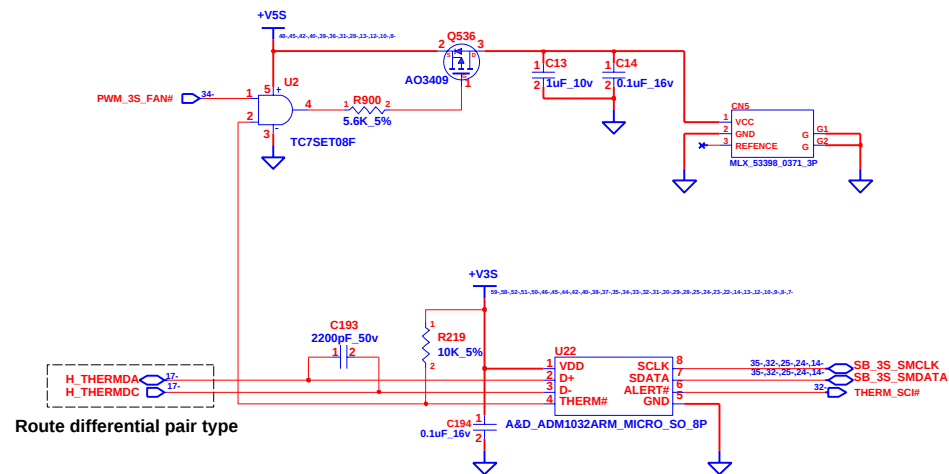
TITLE			
TT1.0			
CPU-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02
SHEET 16 OF 61			

CHANGE by Jimmy song 2-Mar-2007

8

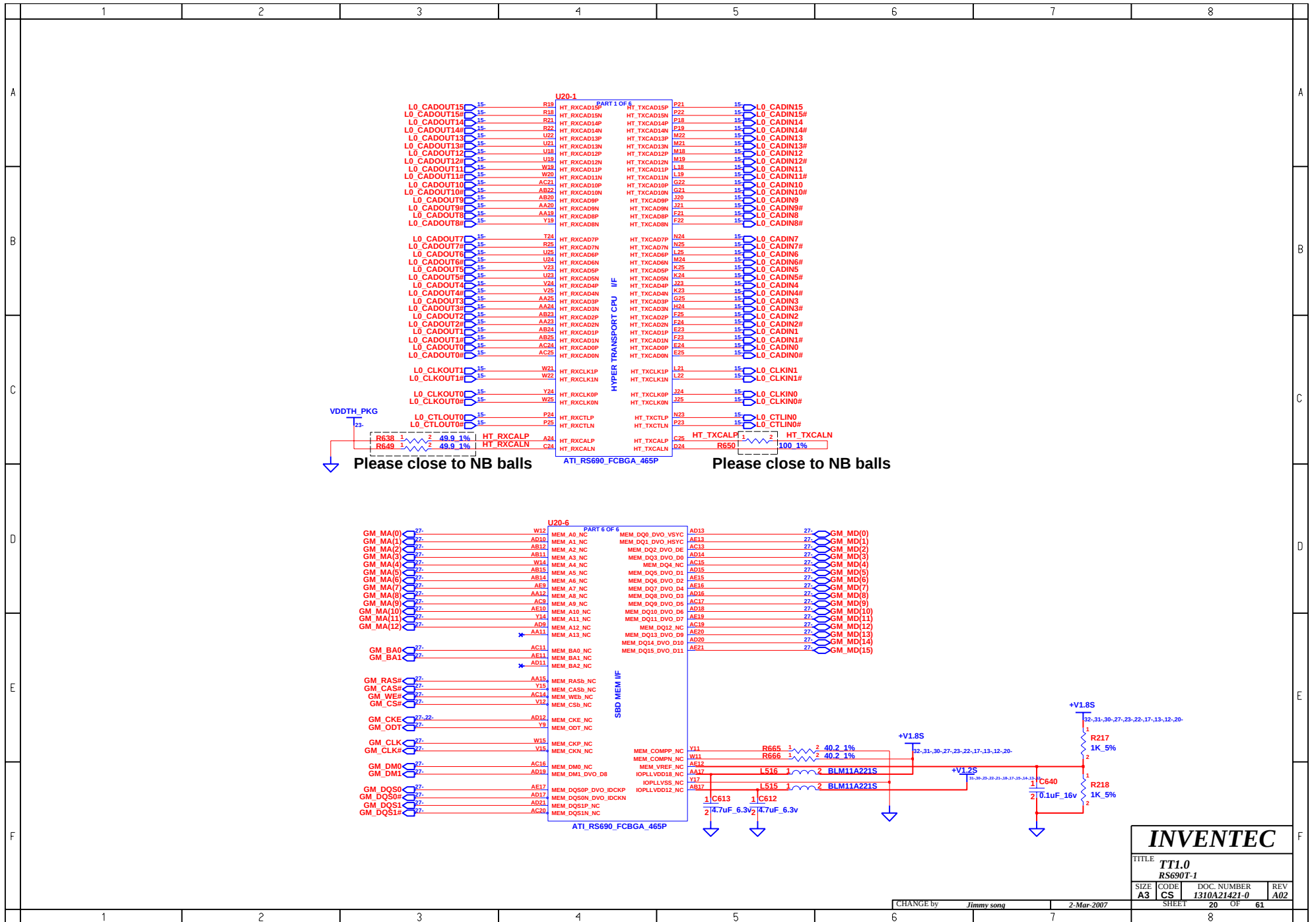


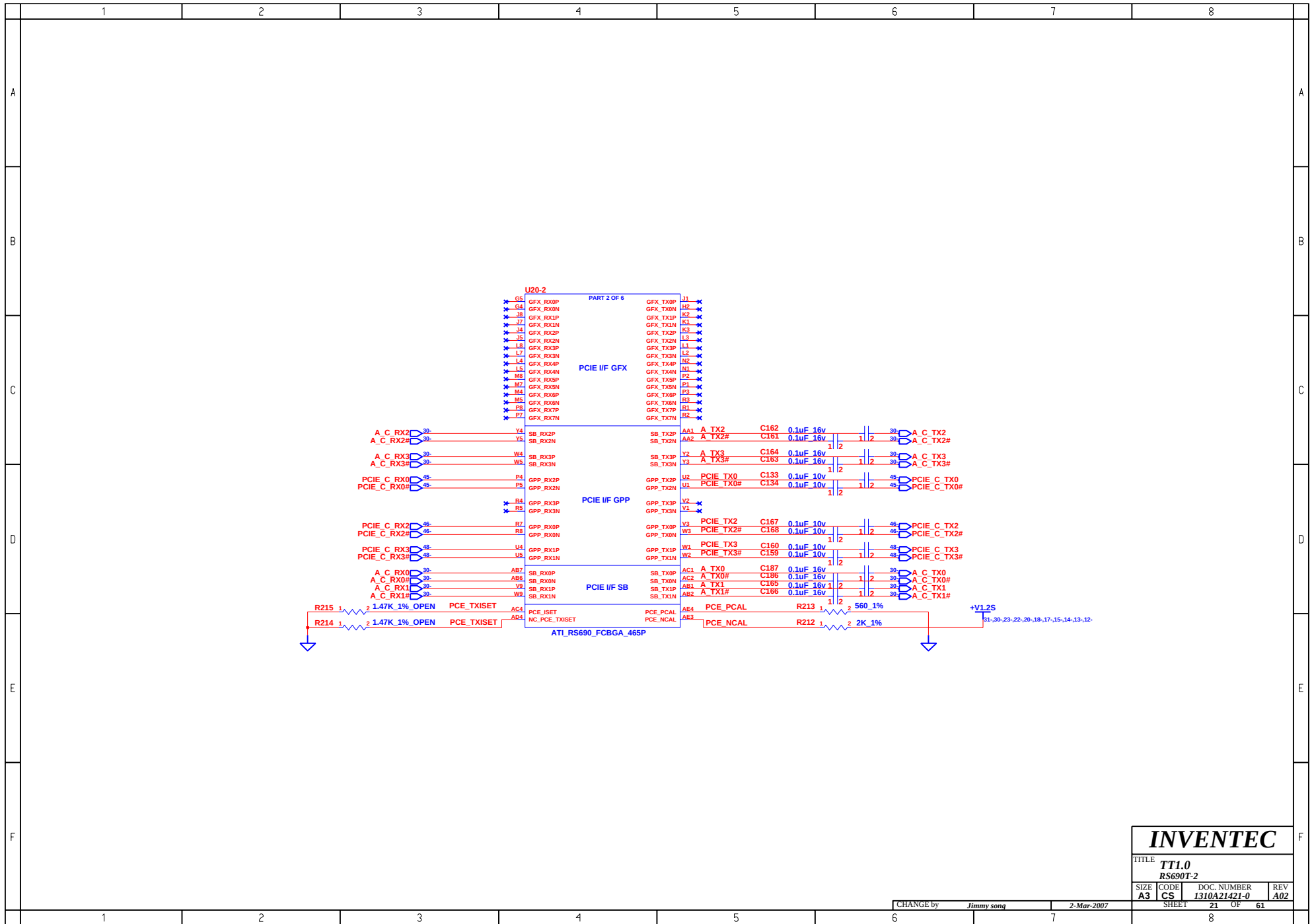


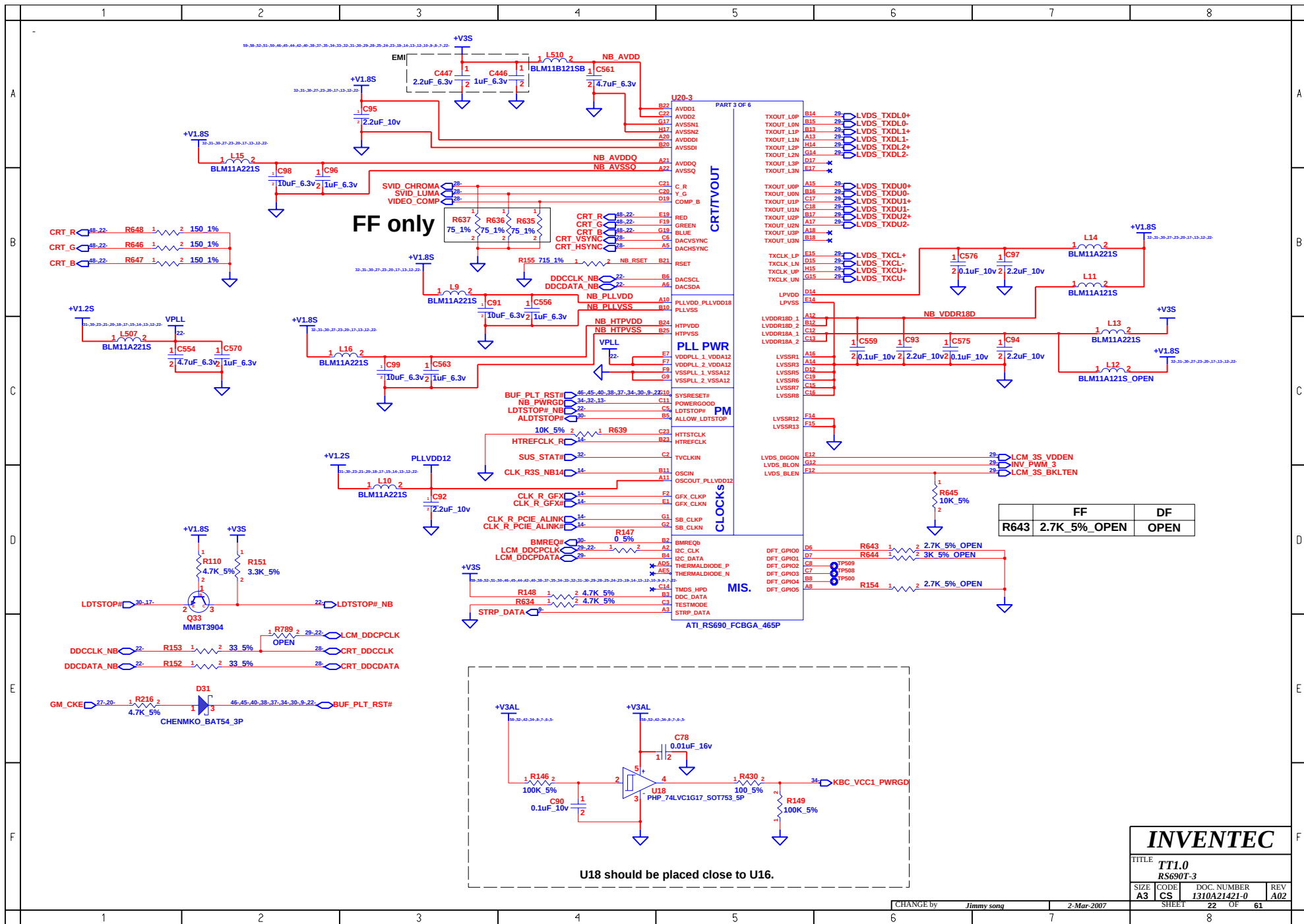


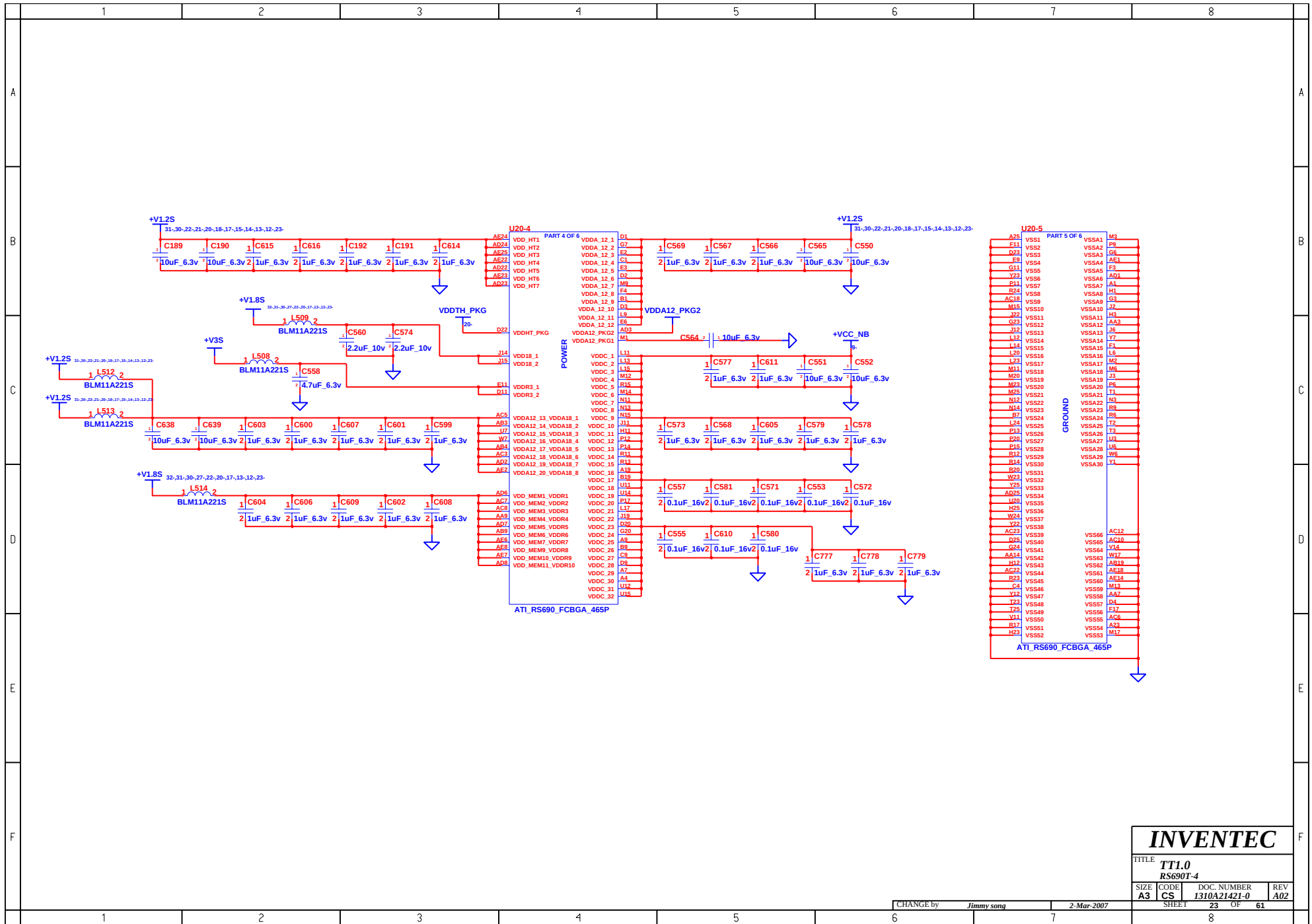
LAYOUT Note: Put the thermal sensor close to CPU.

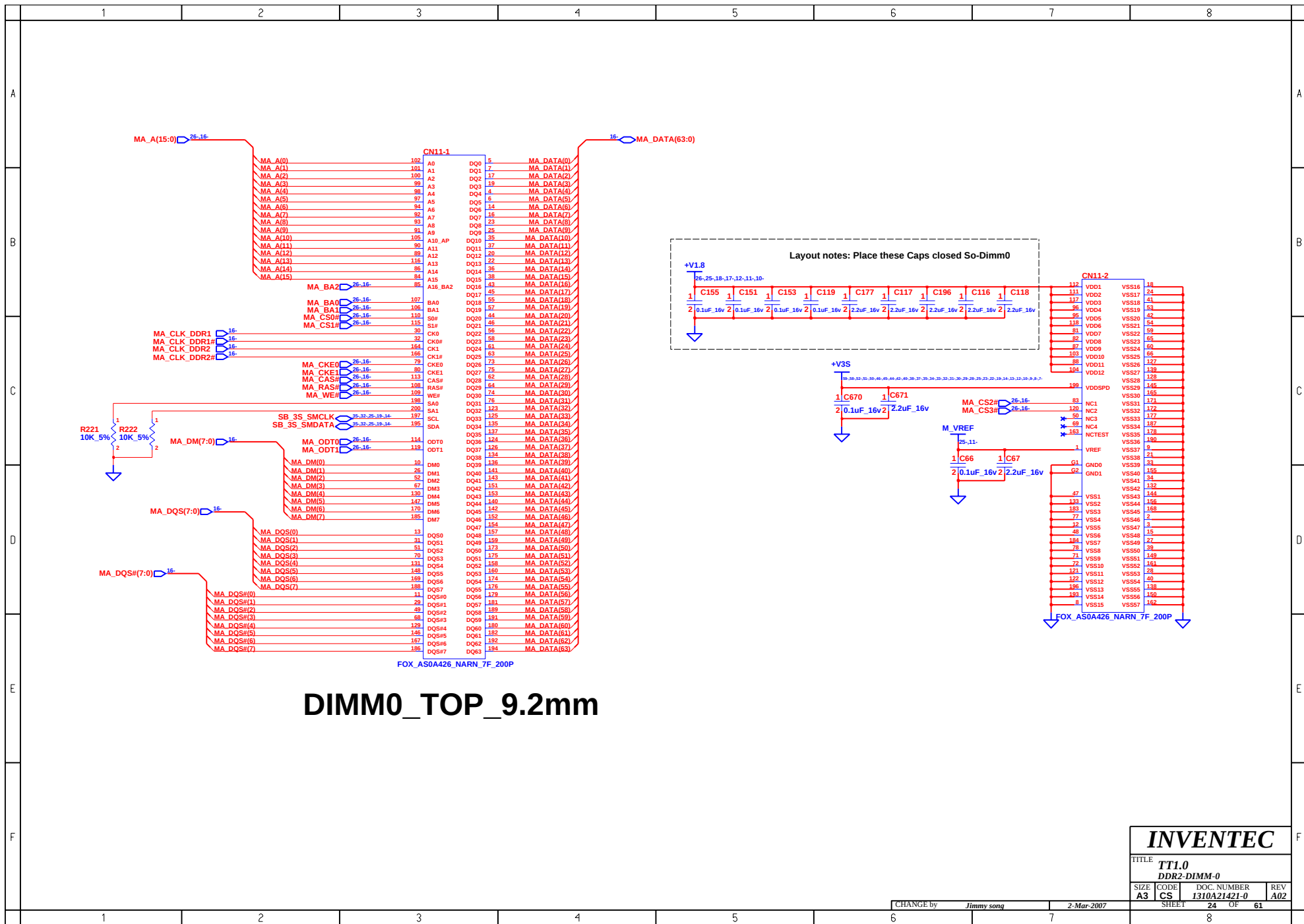
INVENTEC			
TITLE			
TT1.0			
THERMAL&FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02
CHANGE by		2-Mar-2007	
SHEET		19	OF 61











DIMM0_TOP_9.2mm

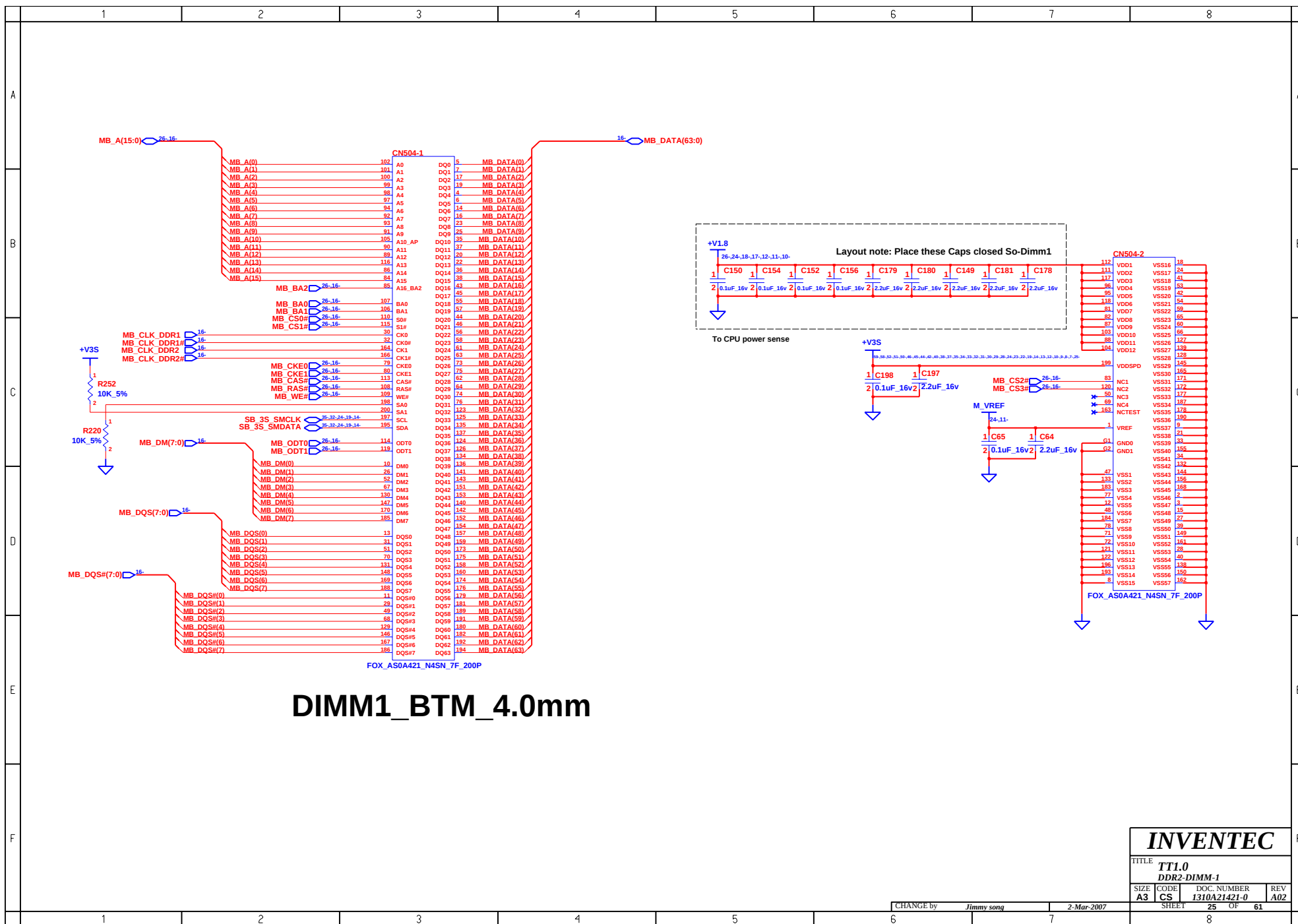
INVENTEC

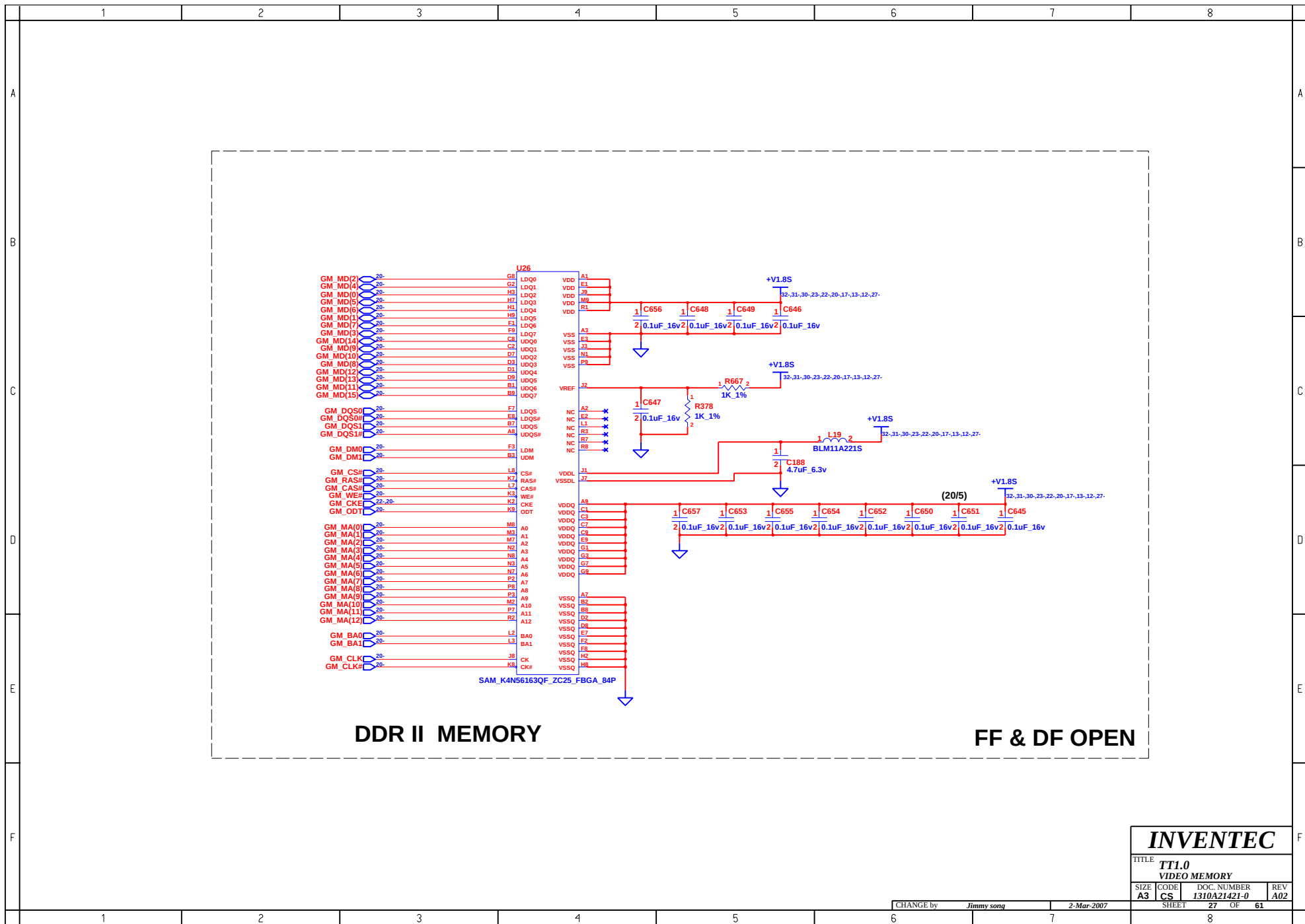
TITLE
TT1.0
DDR2-DIMM-0

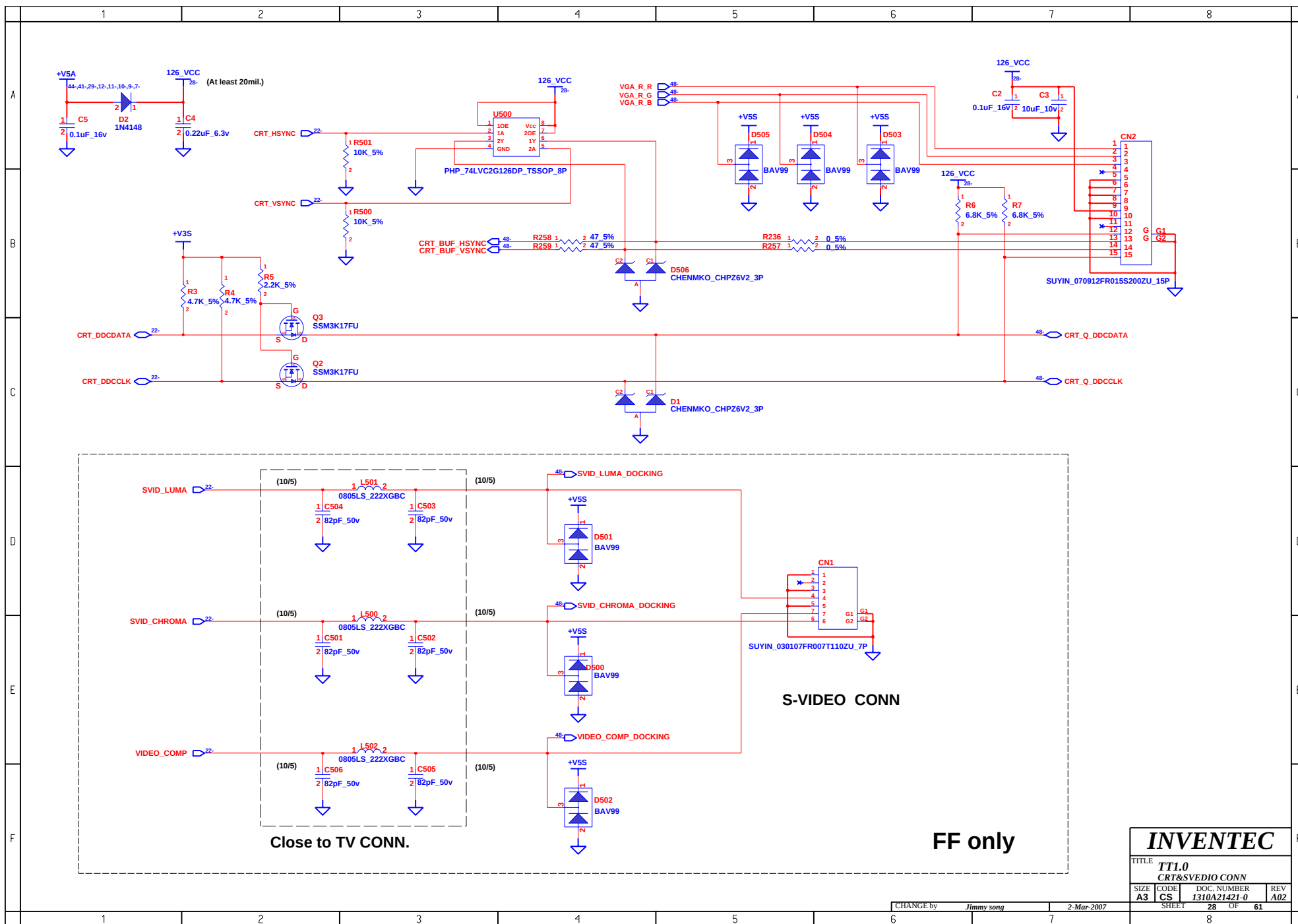
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
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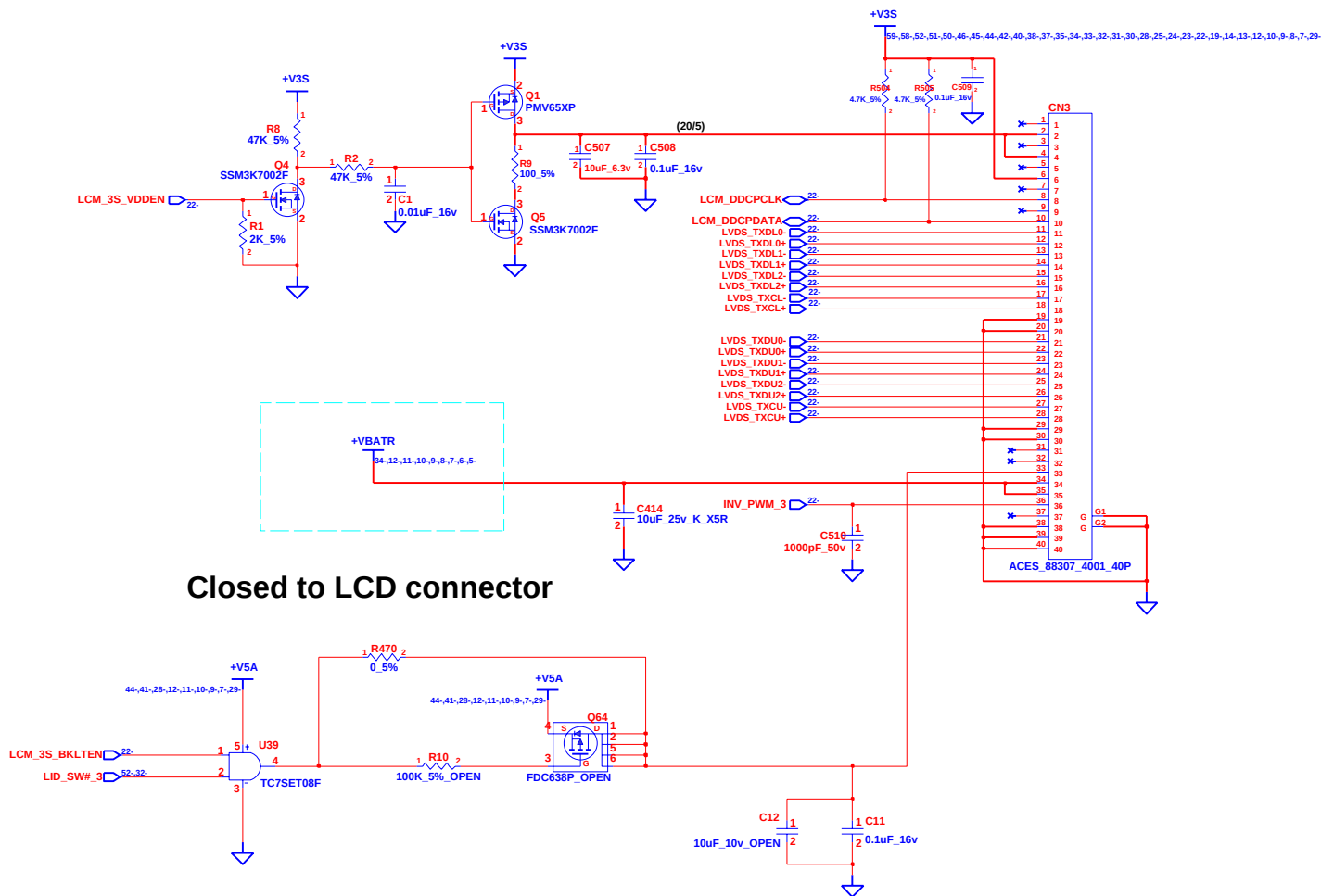
CHANGE by Jimmy song 2-Mar-2007

SHEET 24 OF 61

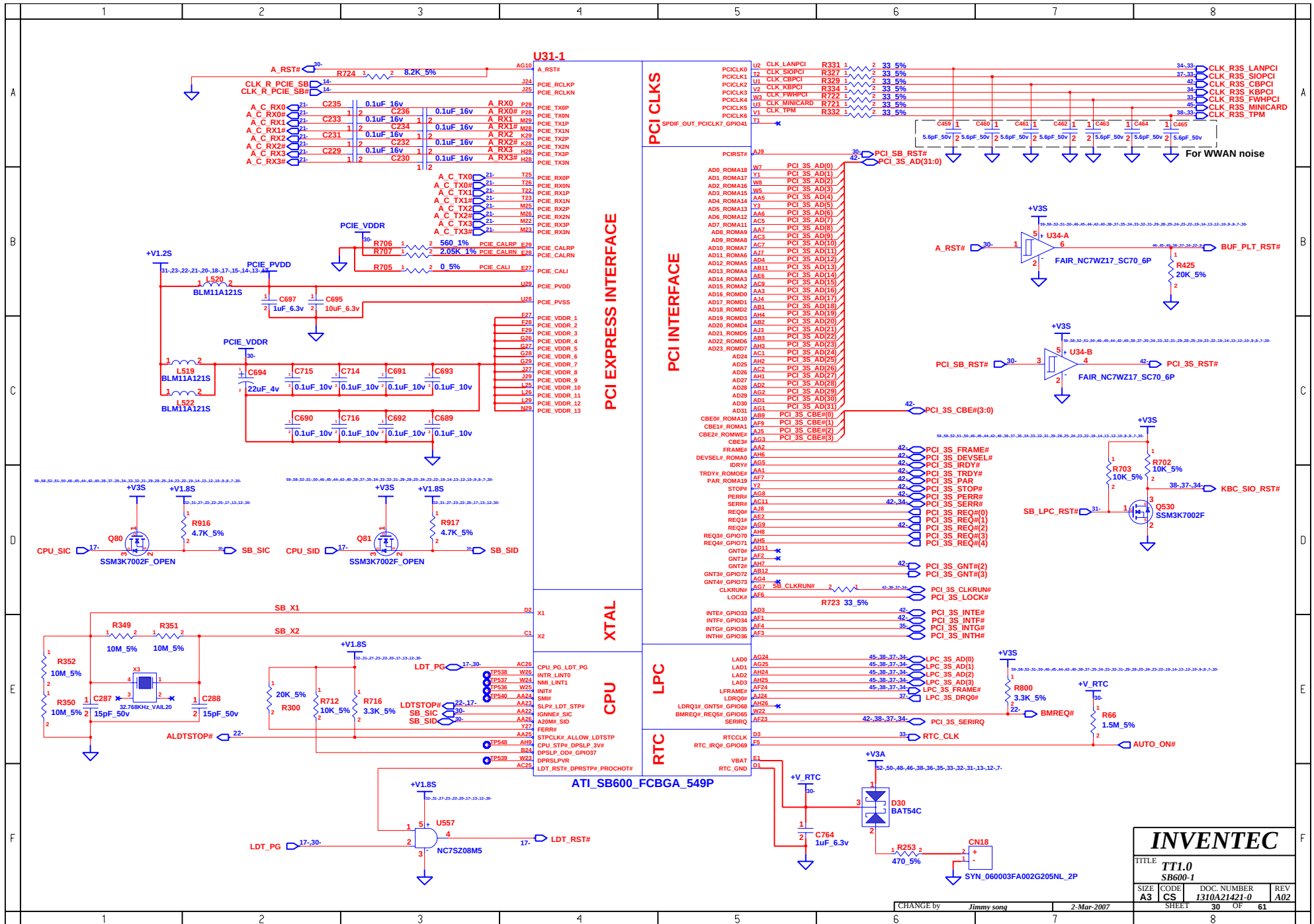








INVENTEC			
TITLE TT1.0 LCD CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
CHANGE by Jimmy song		2-Mar-2007	SHEET 29 OF 61



INVENTEC

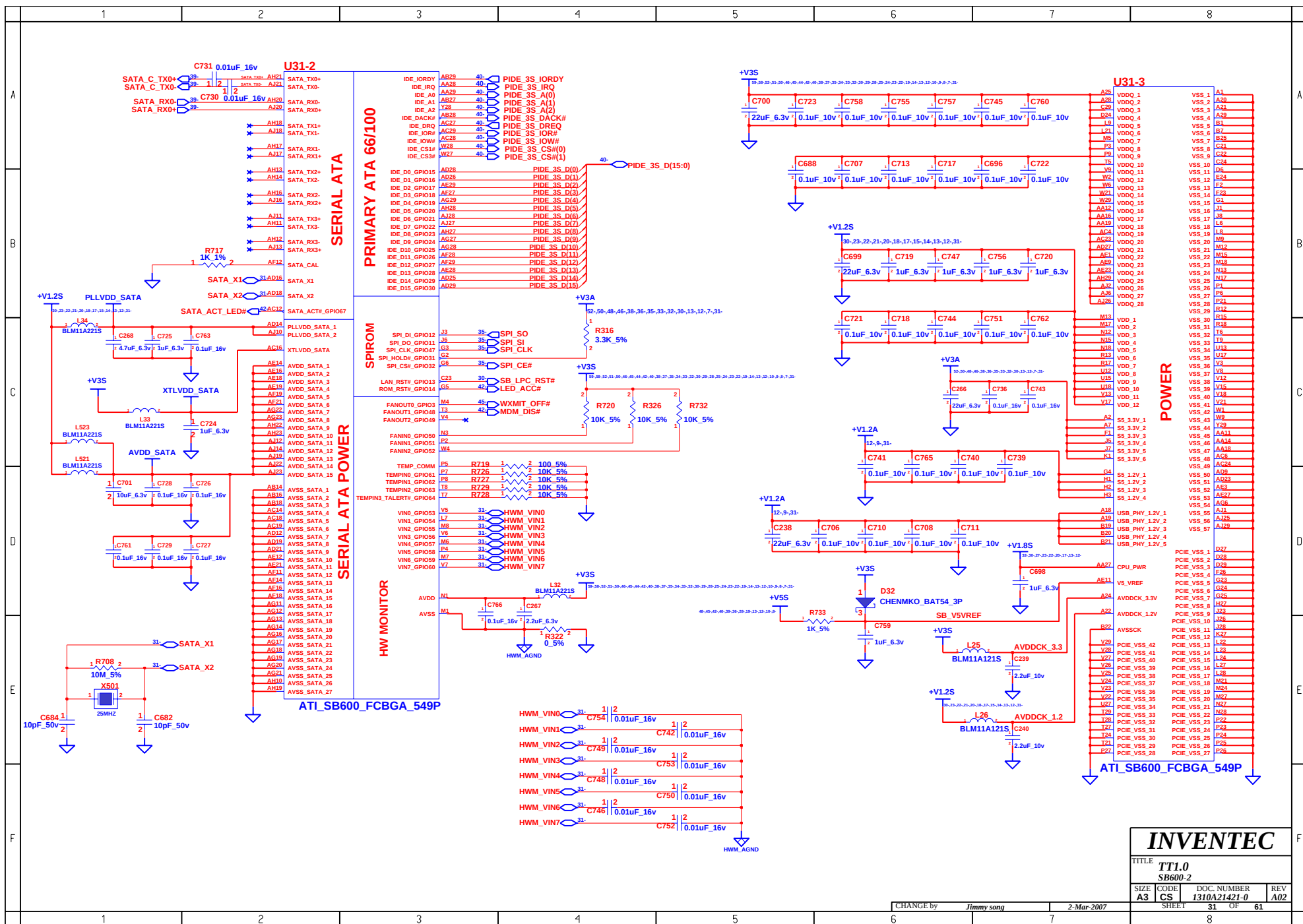
TITLE
TT1.0
SB600-1

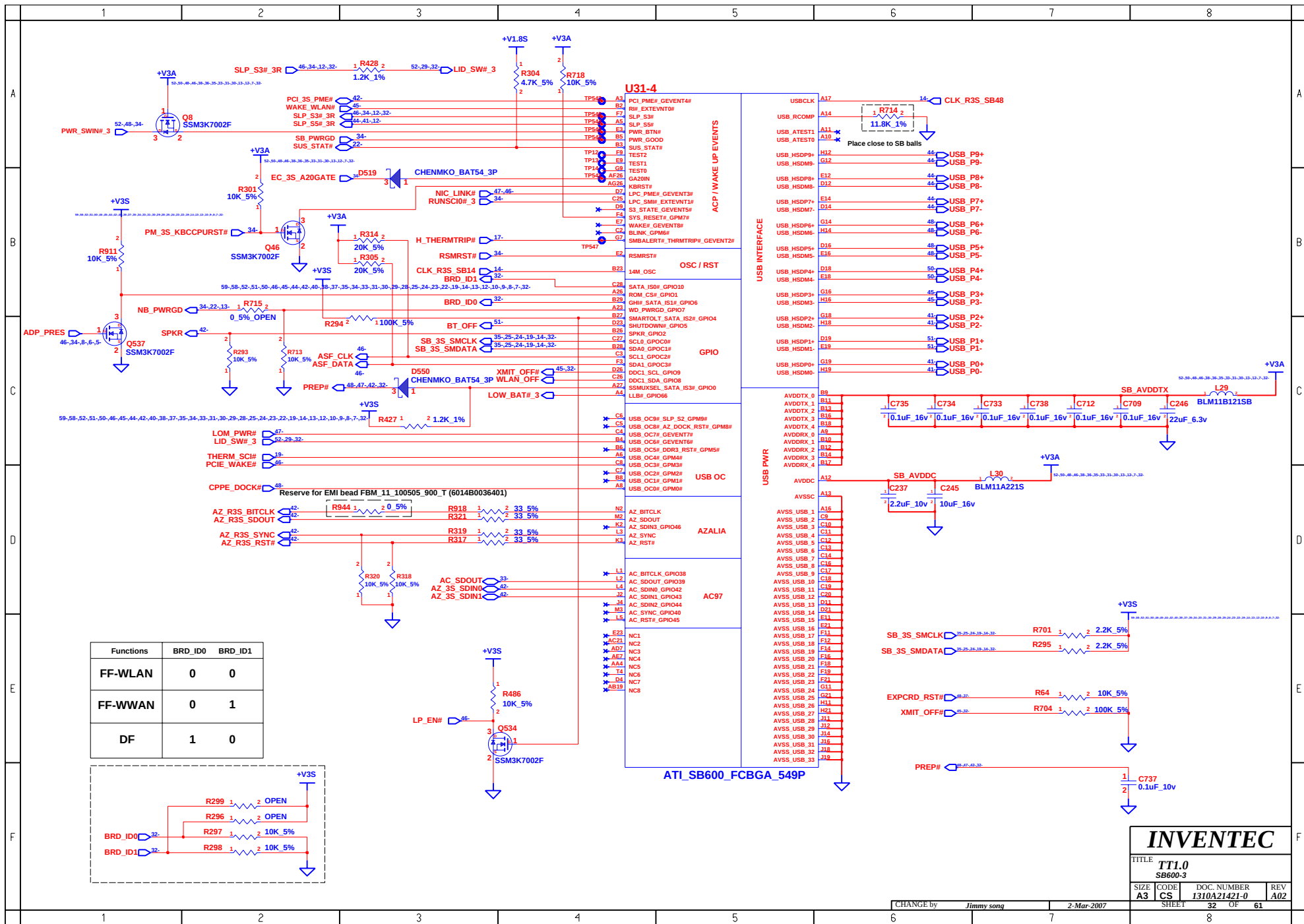
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2142-0	A02

CHANGE by Jimmy song

2-Mar-2007

SHEET 30 OF 61

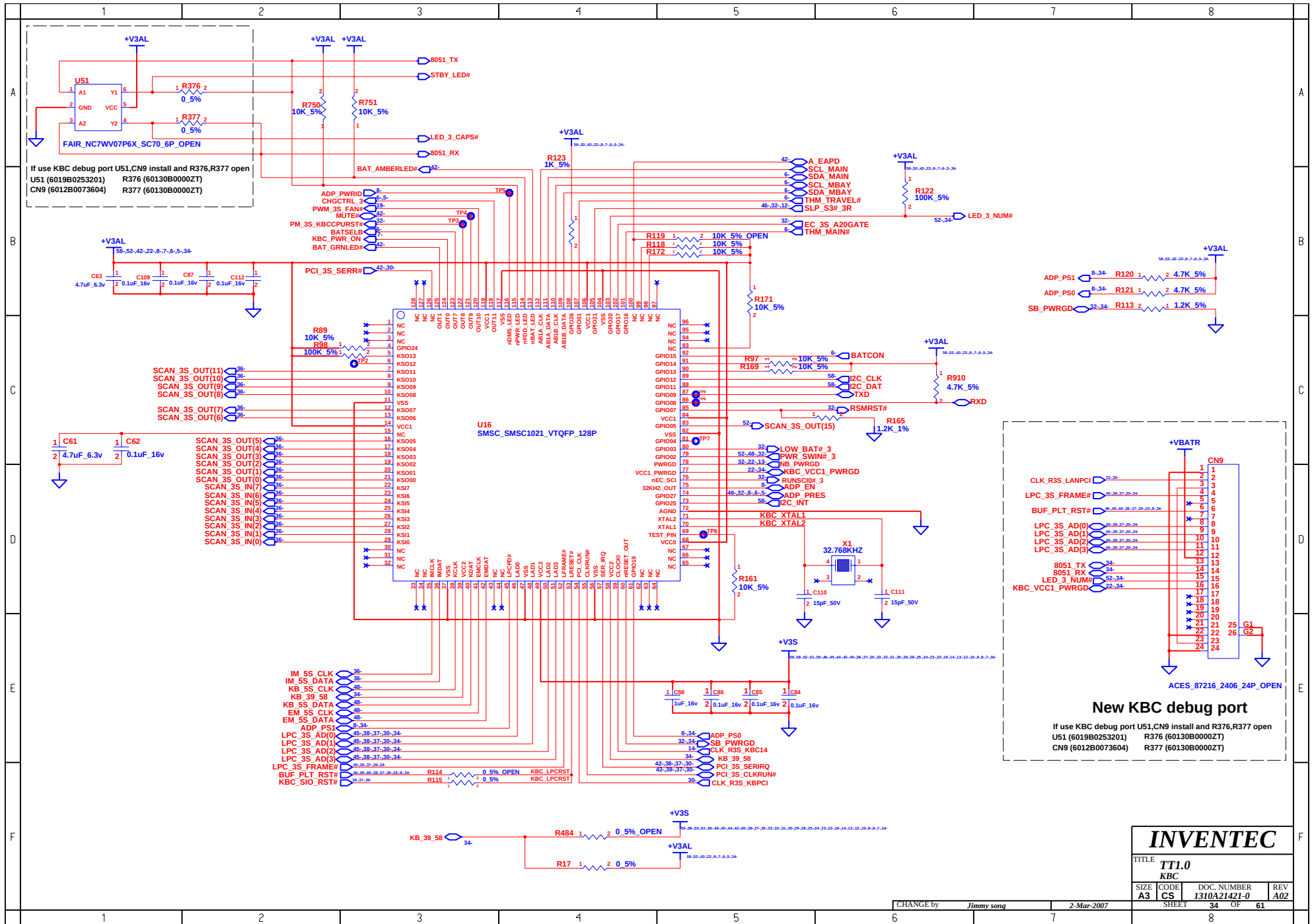




INVENTEC

TITLE			
TT1.0			
SB600-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21421-0	A02
CHANGE by		Jimmy song	2-Mar-2007
SHEET		32	OF 61

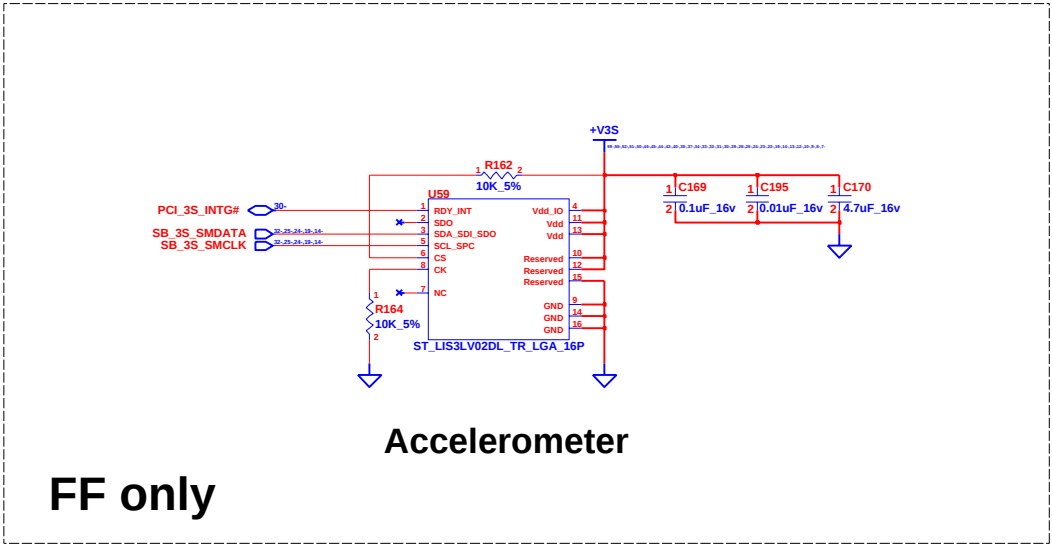
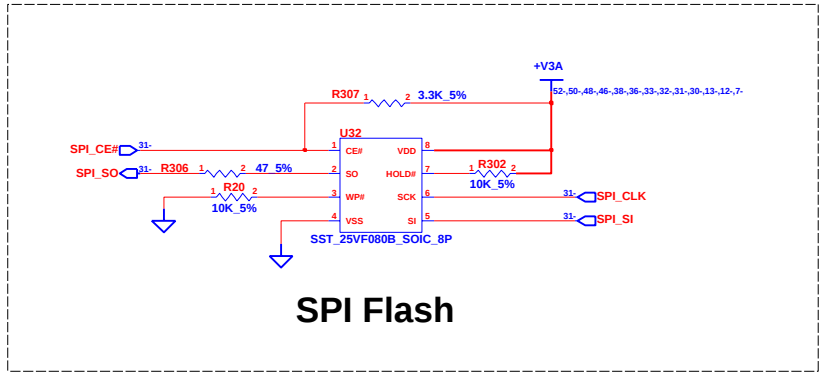
INVENTEC			
TITLE TT1.0 SB600-4			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
SHEET 33		OF 61	
8			



INVENTEC

TITLE TT1.0 KBC			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
SHEET 34		OF 61	

CHANGE by *Jimmy song* 2-Mar-2007



INVENTEC

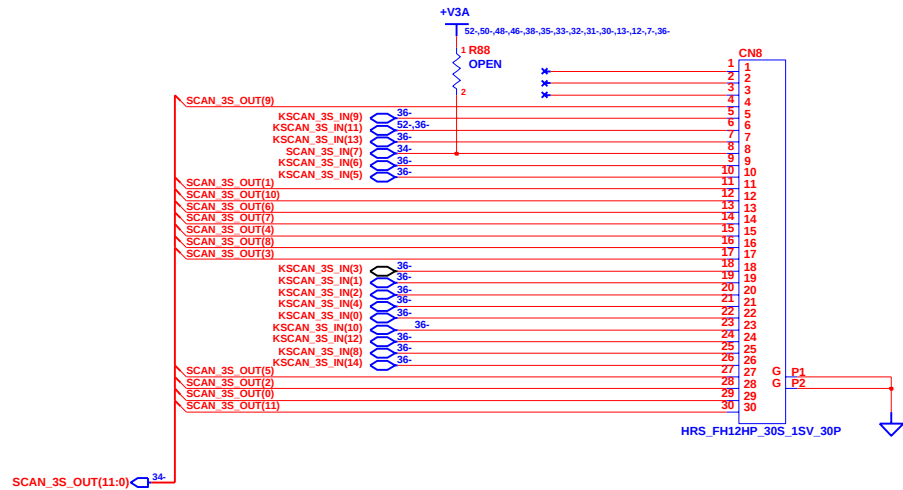
TITLE
TT1.0
SPI & Accelerometer

SIZE A3	CODE CS	DOC. NUMBER I310A21421-0	REV A02
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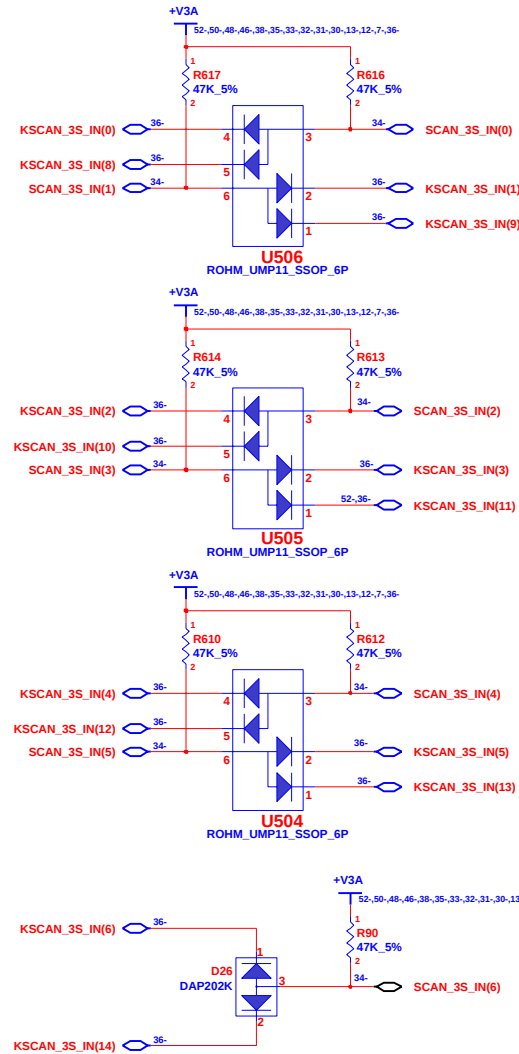
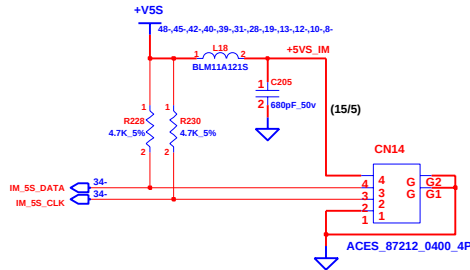
CHANGE by *Jimmy song* 2-Mar-2007

SHEET 35 OF 61

Keyboard CONN



Touch Pad CONN



INVENTEC

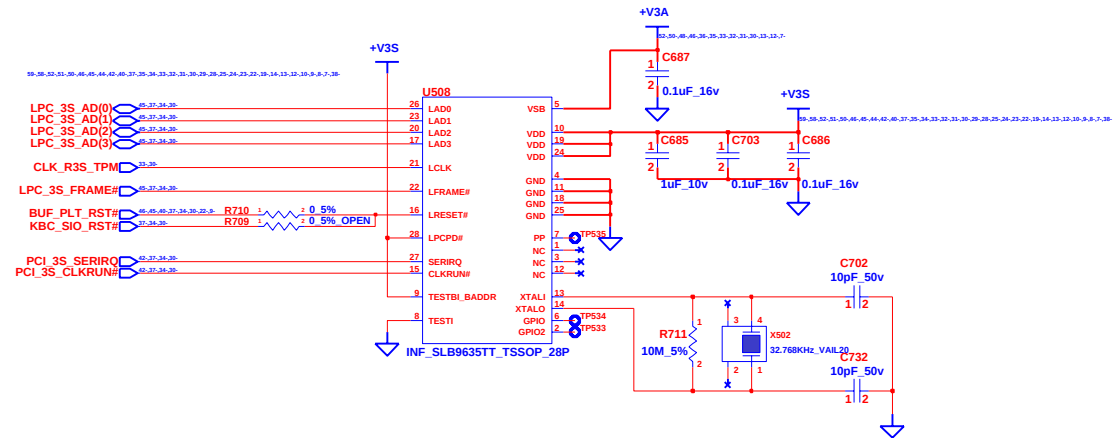
TITLE			
TT1.0			
INT.KBC/POINT DEVICES			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 36 OF 61



SHEET 37 OF 61



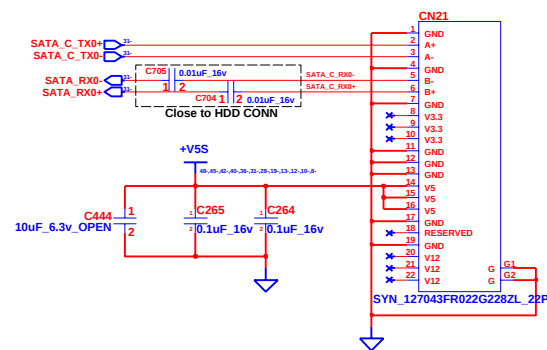
FF only

INVENTEC

TITLE			
TT1.0			
TPM V1.2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21421-0	A02

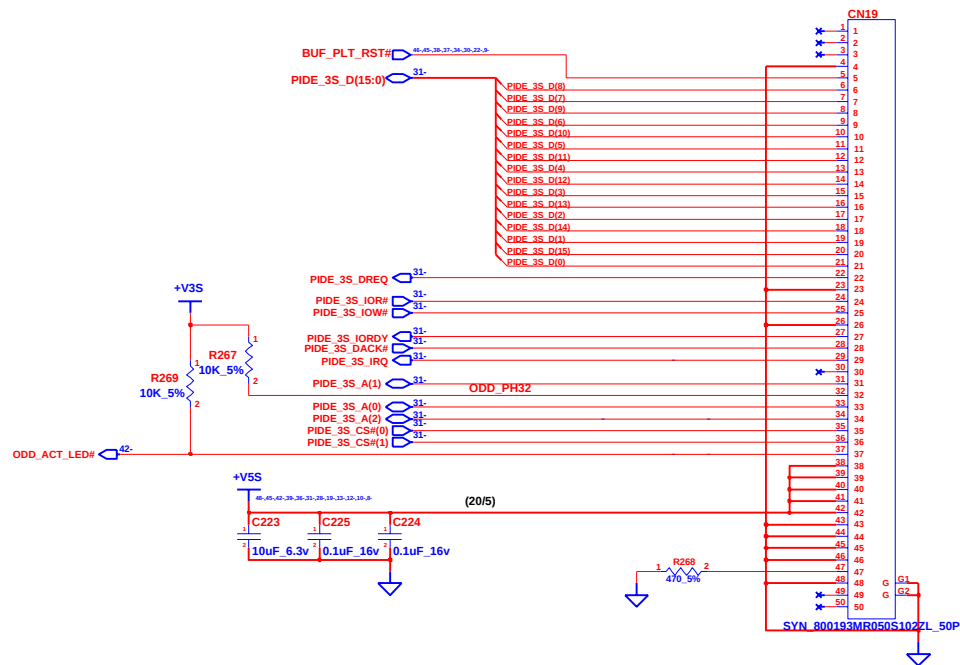
CHANGE by Jimmy song 2-Mar-2007

SHEET 38 OF 61



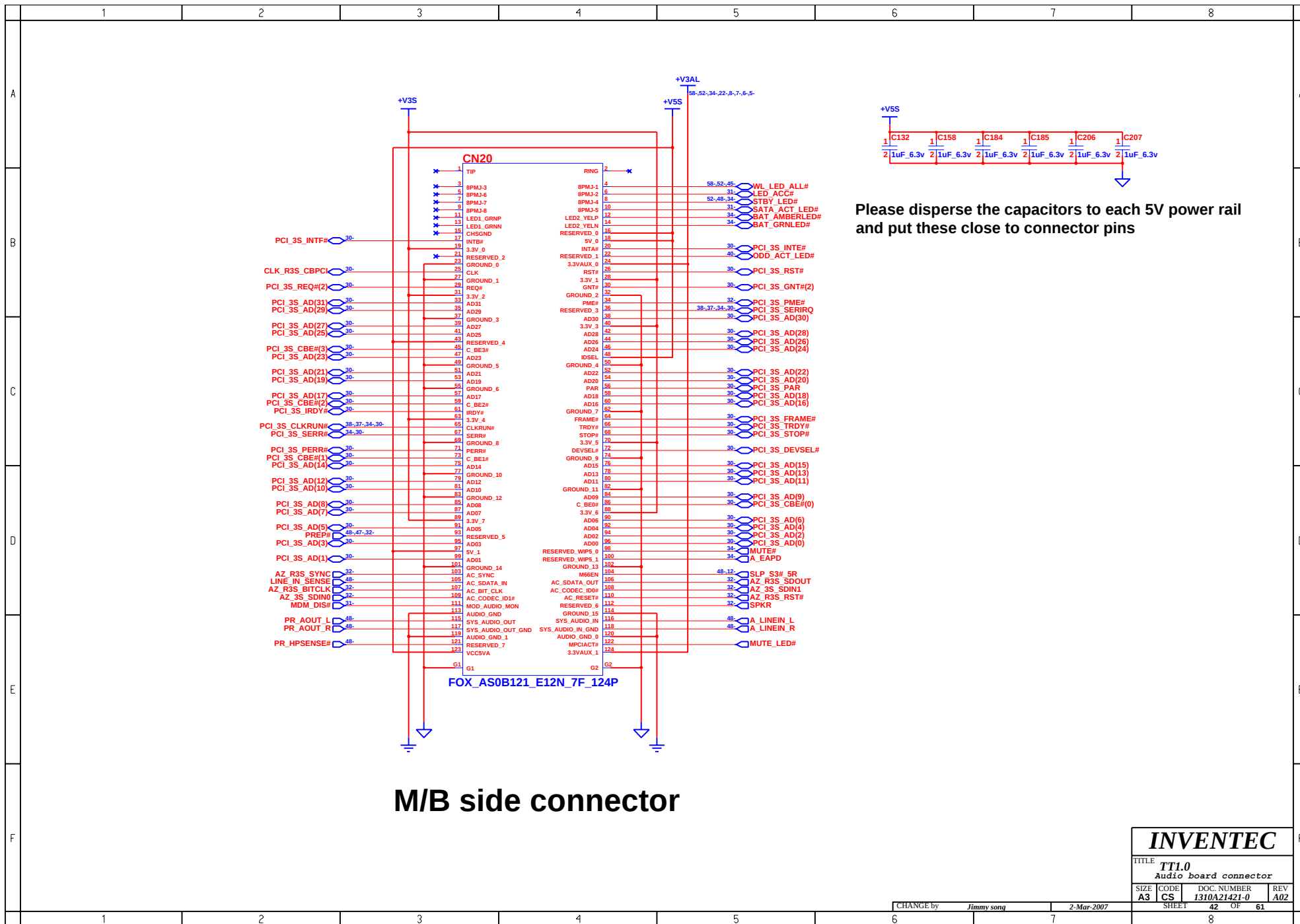
HDD CONN

INVENTEC			
TITLE TT1.0 SATA HDD CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
CHANGE by Jimmy song		2-Mar-2007	
SHEET 39		OF 61	



14" ODD CONN.

INVENTEC			
TITLE TT1.0 Fixed ODD			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
CHANGE by Jimmy song		2-Mar-2007	
SHEET 40		OF 61	



INVENTEC

TITLE **TT1.0**
Audio board connector

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

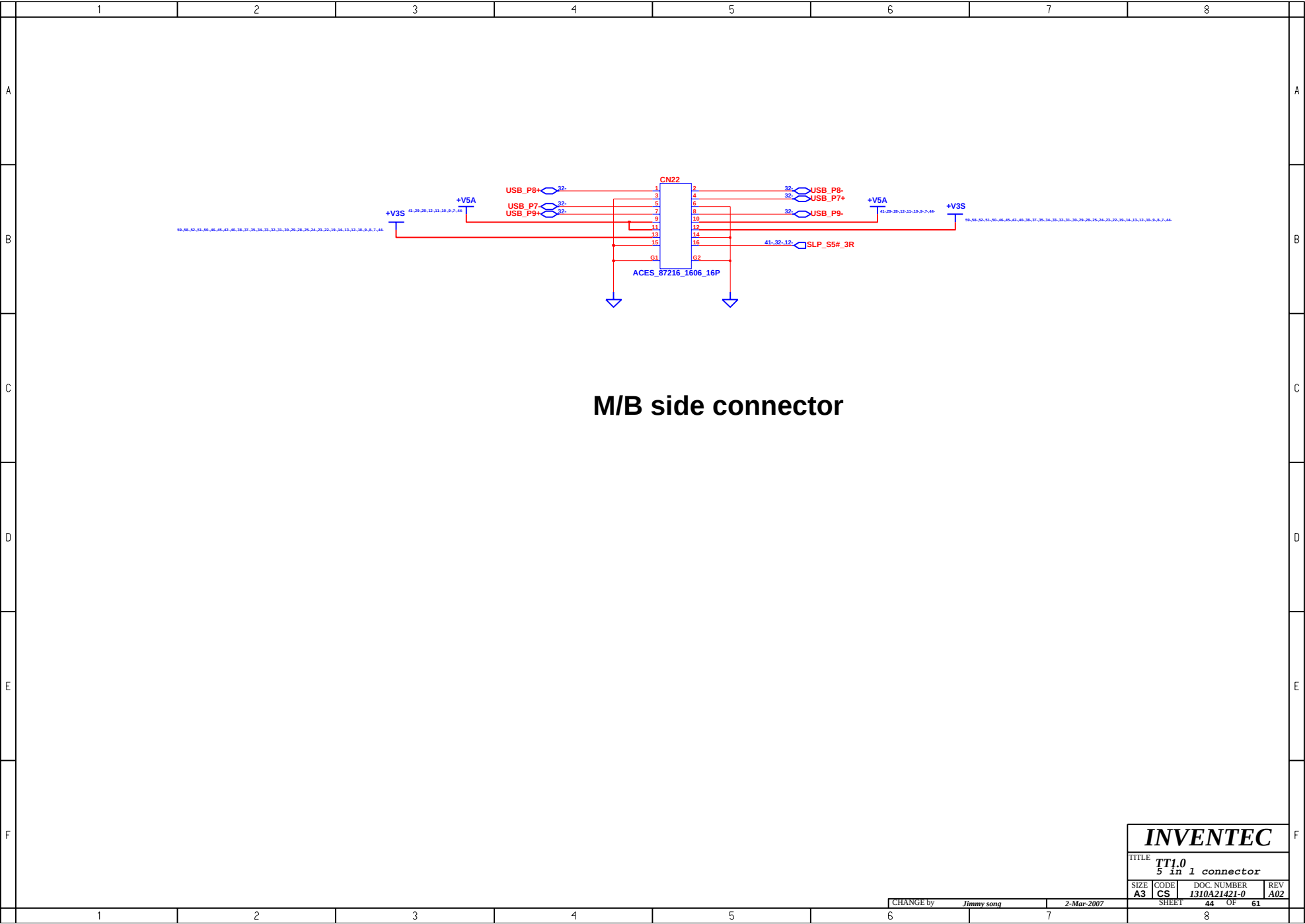
SHEET 42 OF 61

	1	2	3	4	5	6	7	8	
A	BLANK								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC

TITLE			
TT1.0			
BLANK			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02
SHEET		43	OF 61

CHANGE by Jimmy song 2-Mar-2007



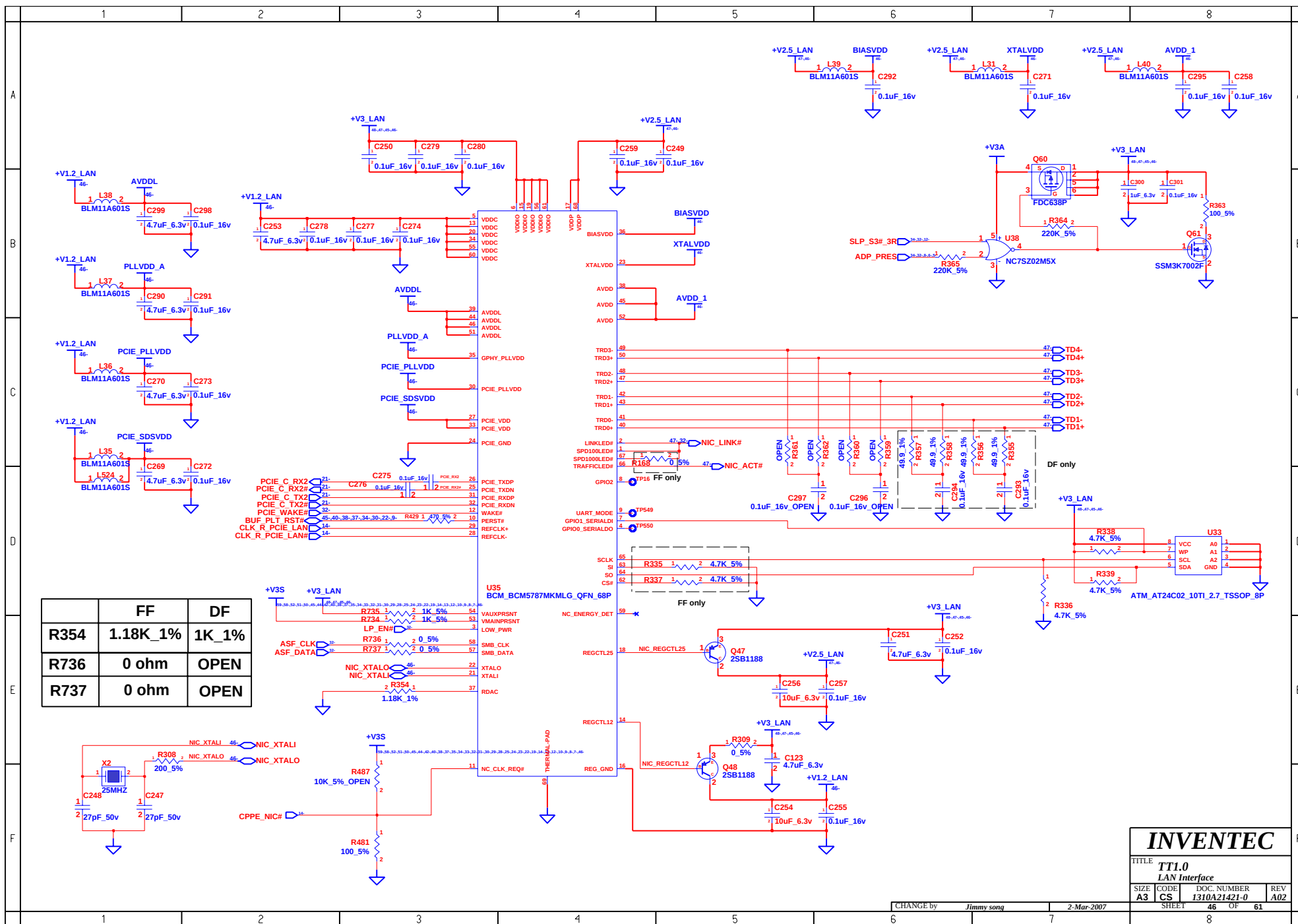
INVENTEC

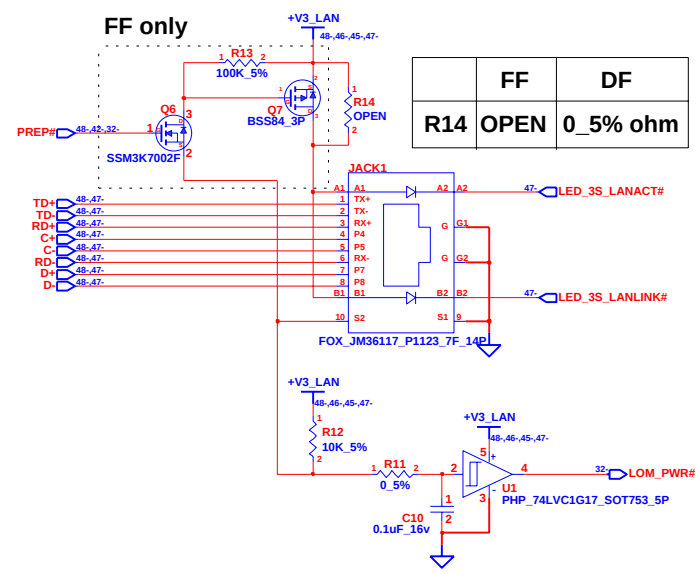
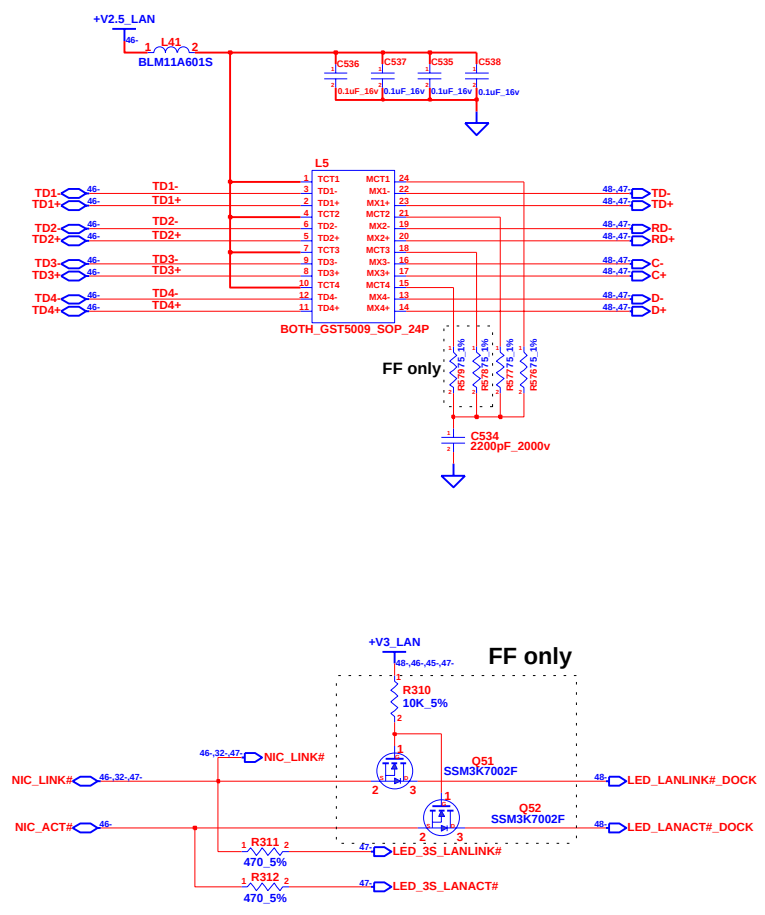
TITLE
TT1.0
5 in 1 connector

SIZE CODE DOC. NUMBER REV
A3 CS 1310A21421-0 A02

CHANGE by *Jimmy song* 2-Mar-2007

SHEET 44 OF 61





	FF	DF
R14	OPEN	0_5% ohm

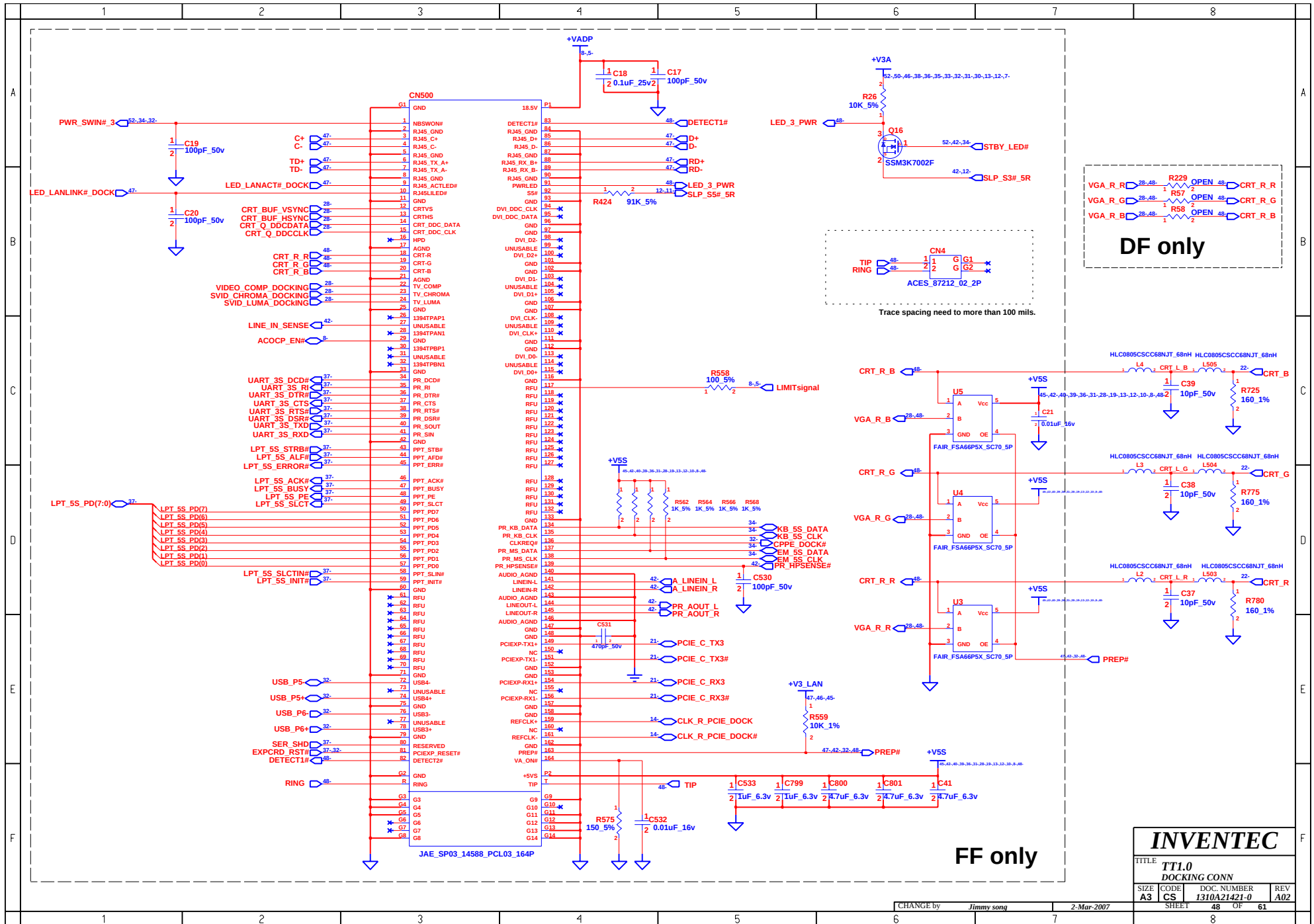
INVENTEC

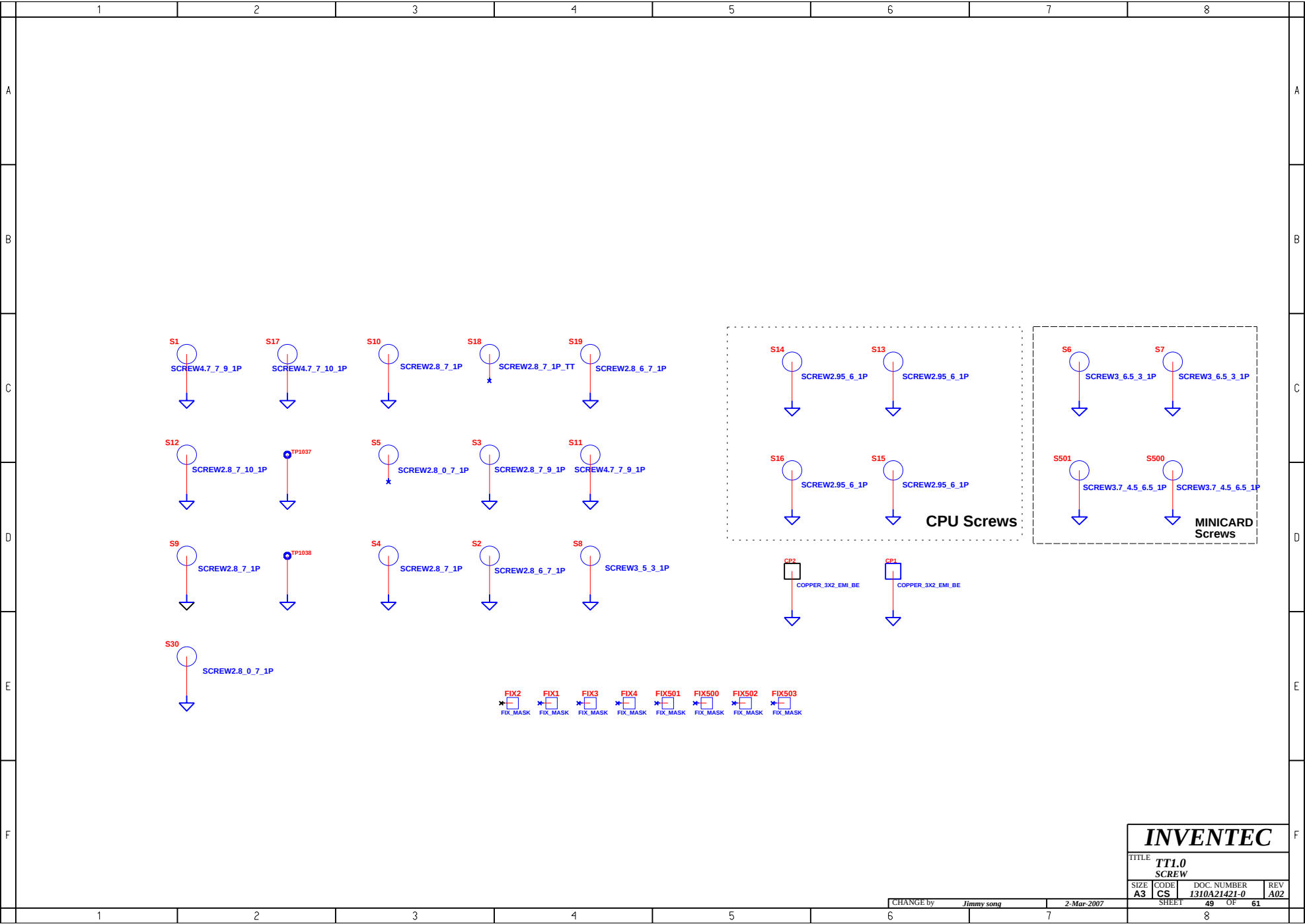
TITLE
TT1.0
LAN RJ45 CONN

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 47 OF 61





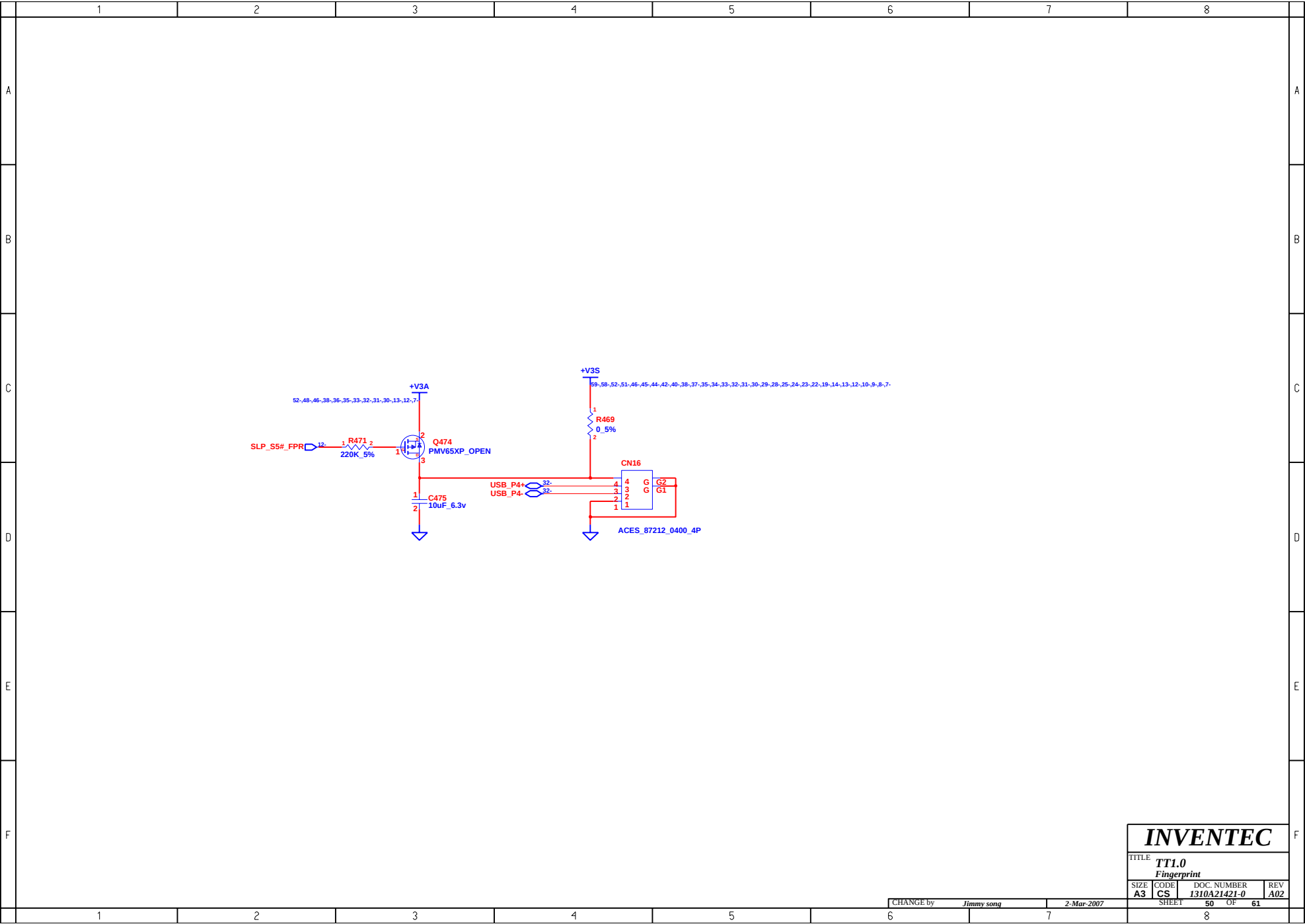
INVENTEC

TITLE
TT1.0
SCREW

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 49 OF 61

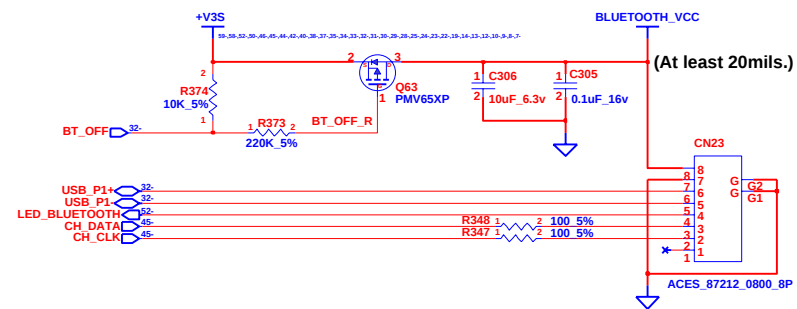


INVENTEC

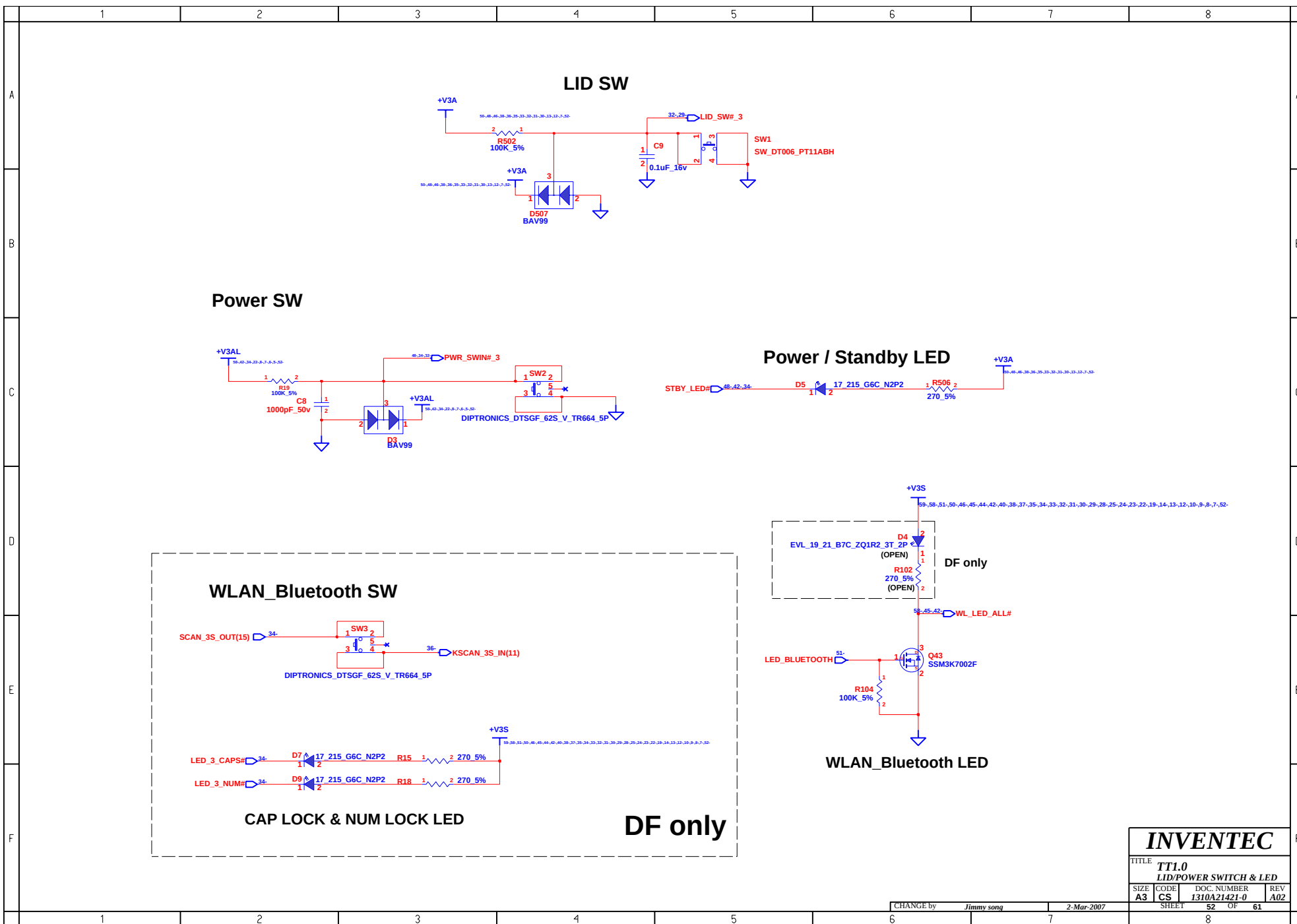
TITLE			
TT1.0			
Fingerprint			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 50 OF 61



INVENTEC			
TITLE			
TT1.0			
BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02
CHANGE by		2-Mar-2007	
SHEET		51	OF 61



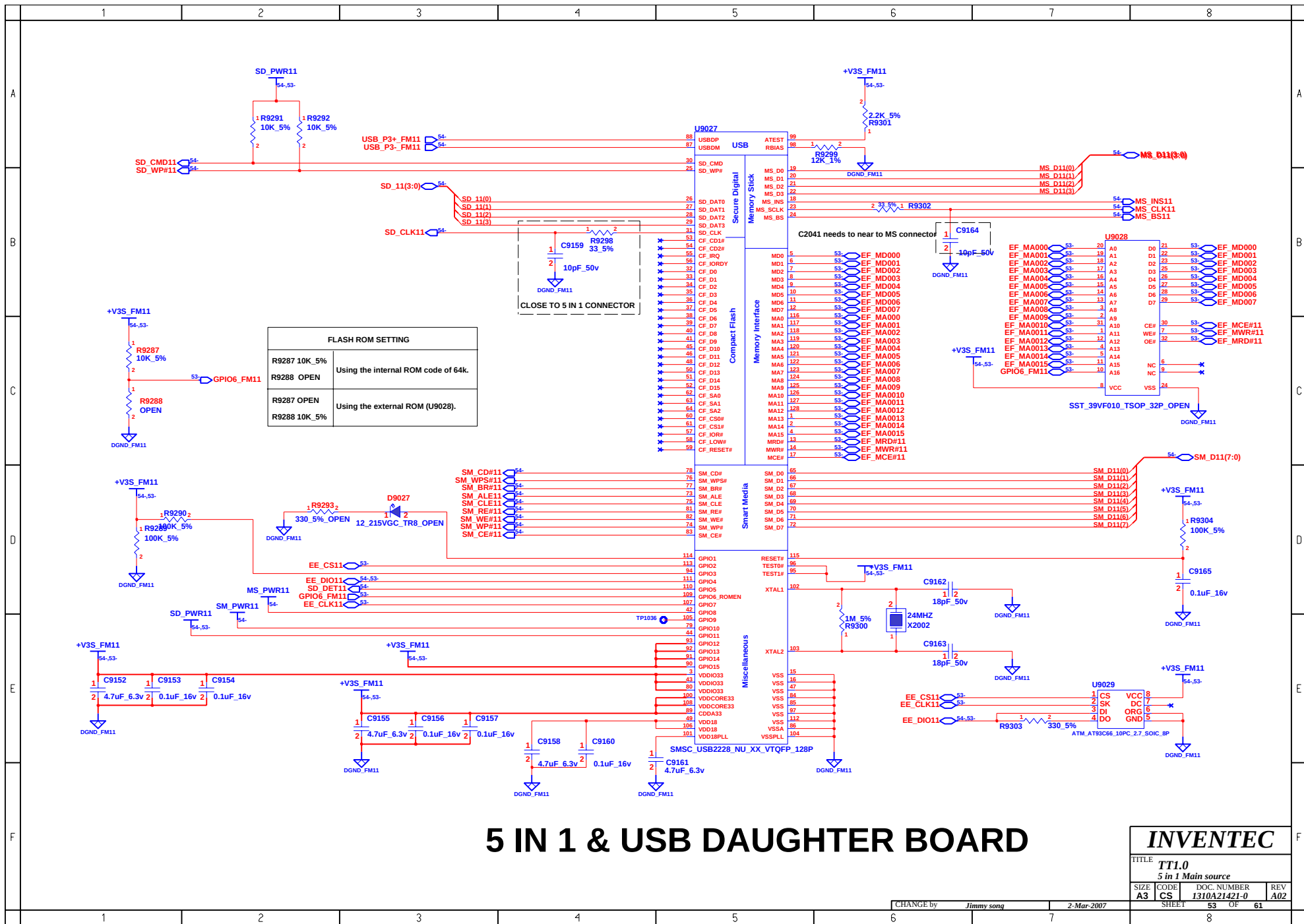
INVENTEC

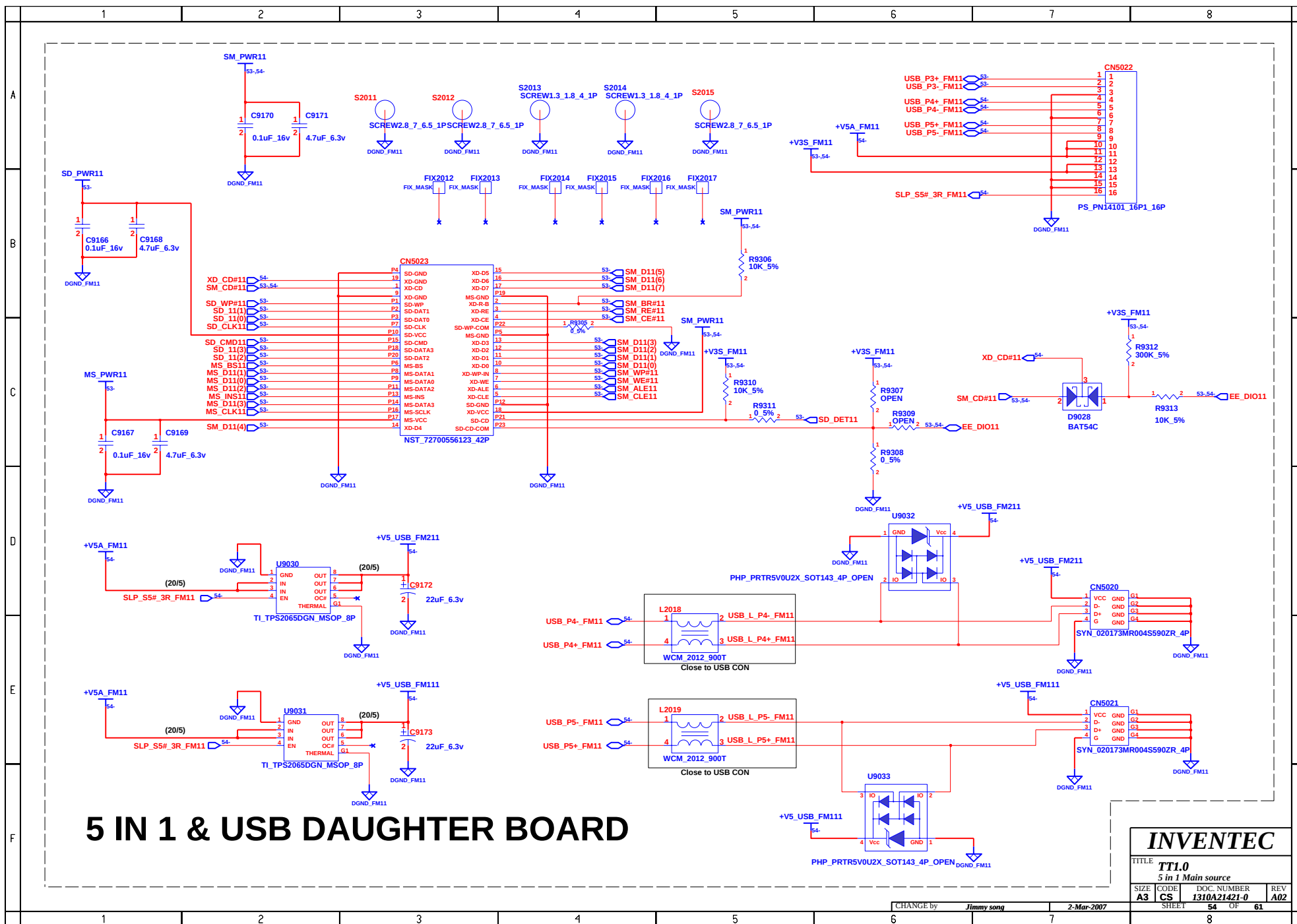
TITLE
TT1.0
LID/POWER SWITCH & LED

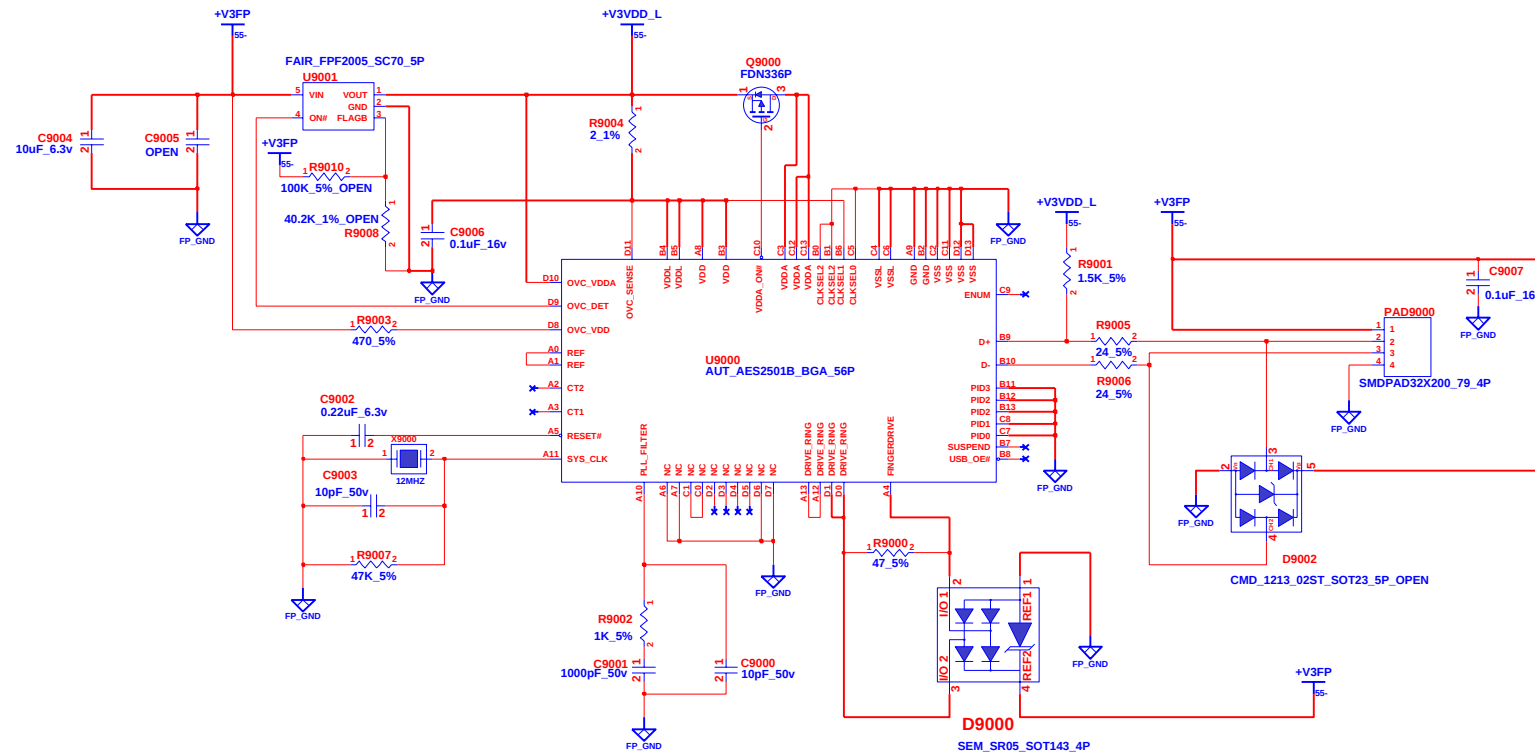
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 52 OF 61







Finger Print Reader DB
(Same as DAVOS30 FPR circuit.)

INVENTEC

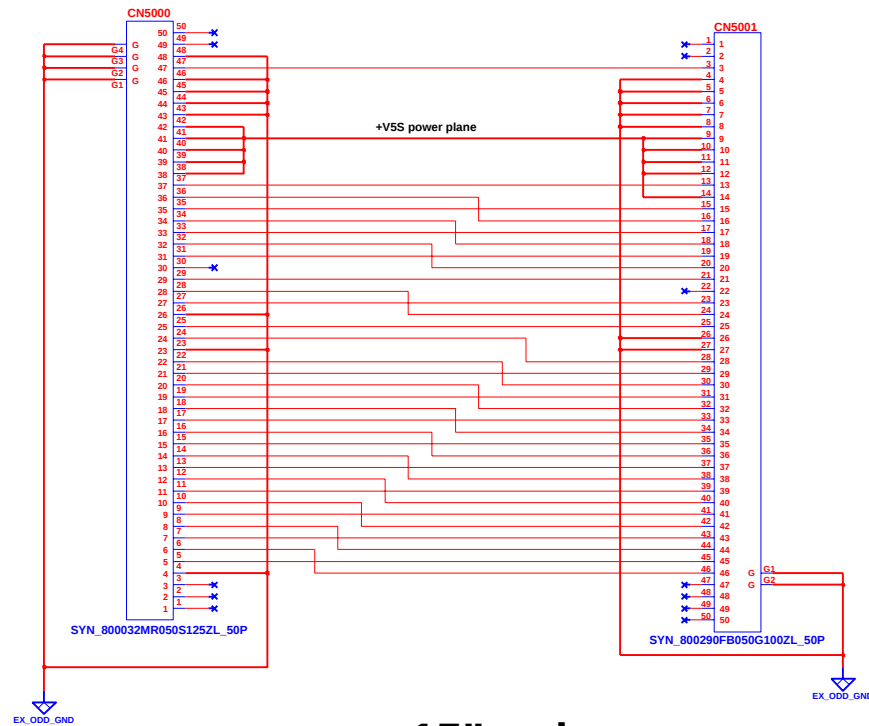
TITLE TT1.0 Finger Print board			
SIZE A3	CODE CS	DOC. NUMBER 1310A21421-0	REV A02
CHANGE by <i>Jimmy song</i>		2-Mar-2007	
SHEET		55	OF 61

	1	2	3	4	5	6	7	8	
A	BLANK								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC

TITLE			
TT1.0			
BLANK			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02
SHEET		56	OF 61

CHANGE by Jimmy song 2-Mar-2007



15" only

ODD Extension Board

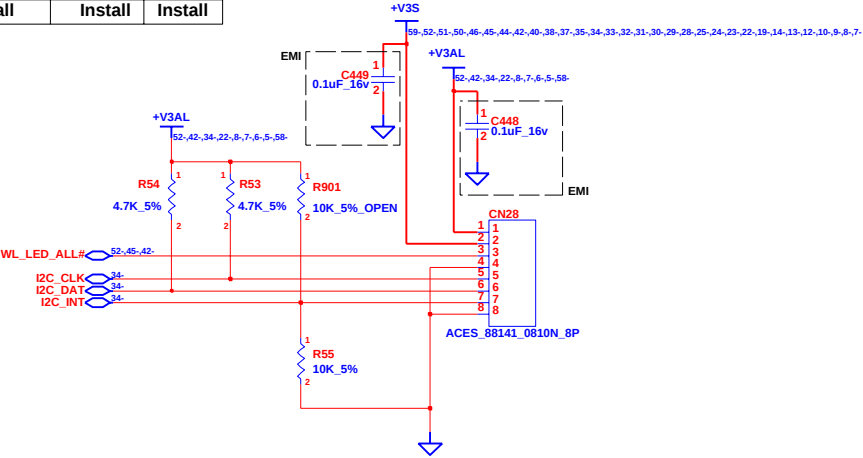
INVENTEC

TITLE			
TT1.0			
ODD extension board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21421-0	A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 57 OF 61

	FF+WWAN	DF	FF
CN28,C448,C449	Install	uninstall	Install
R53,R54,R55	Install	Install	Install

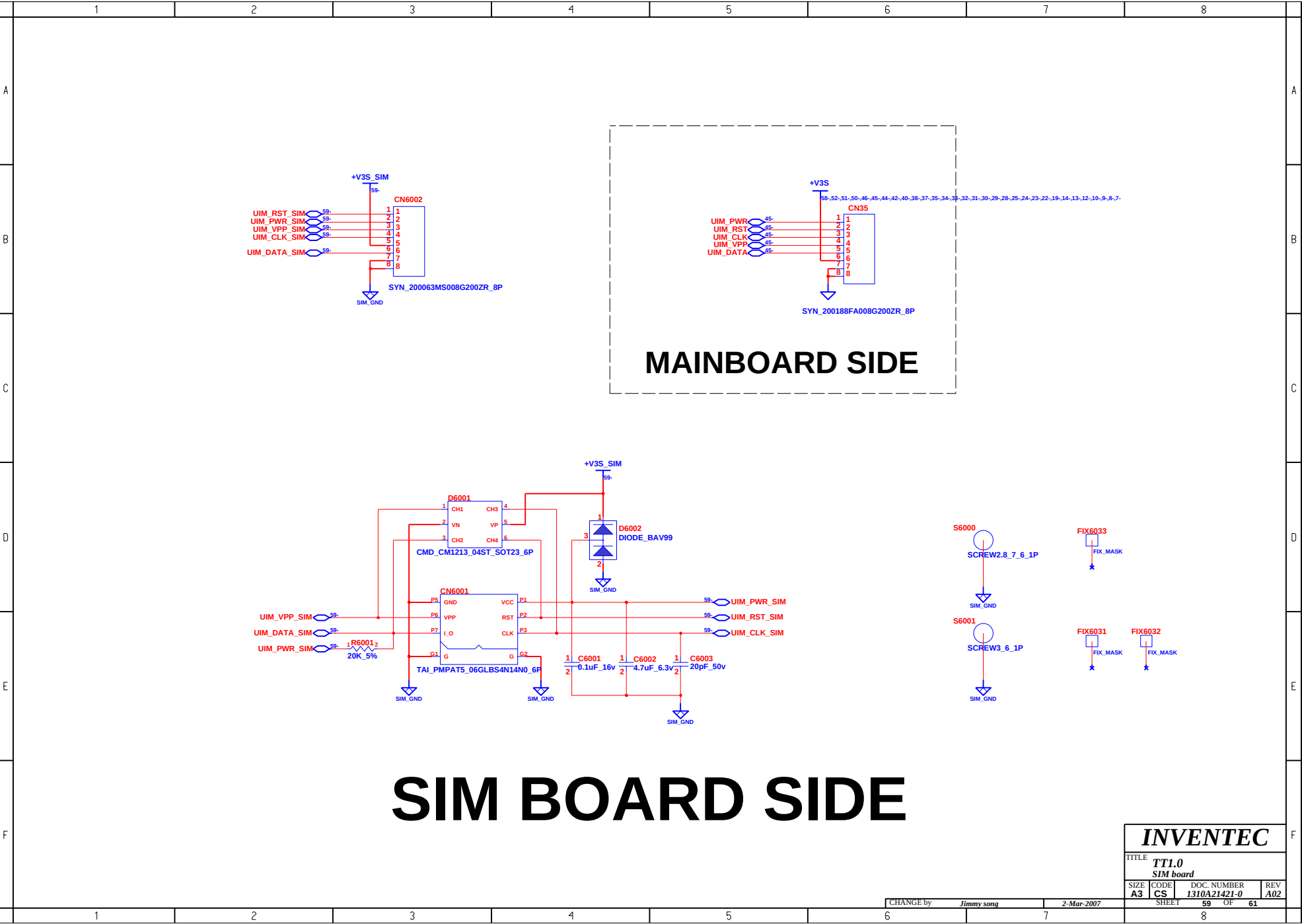


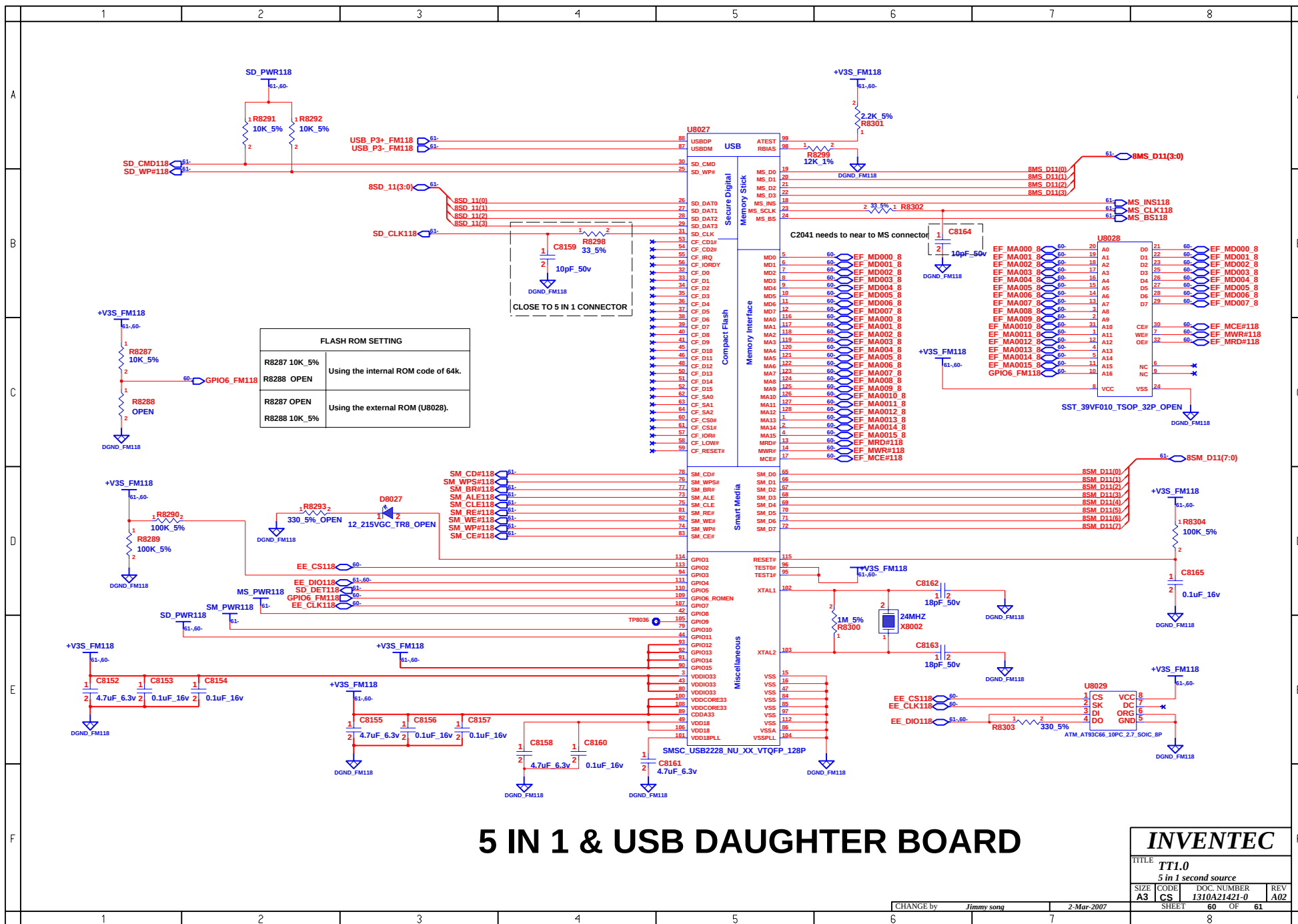
INVENTEC

TITLE TT1.0 SW/B connector			
SIZE A3	CODE CS	DOC. NUMBER I310A21421-0	REV A02

CHANGE by Jimmy song 2-Mar-2007

SHEET 58 OF 61





5 IN 1 & USB DAUGHTER BOARD

INVENTEC

TITLE			
TT1.0			
5 in 1 second source			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by Jimmy song

2-Mar-2007

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