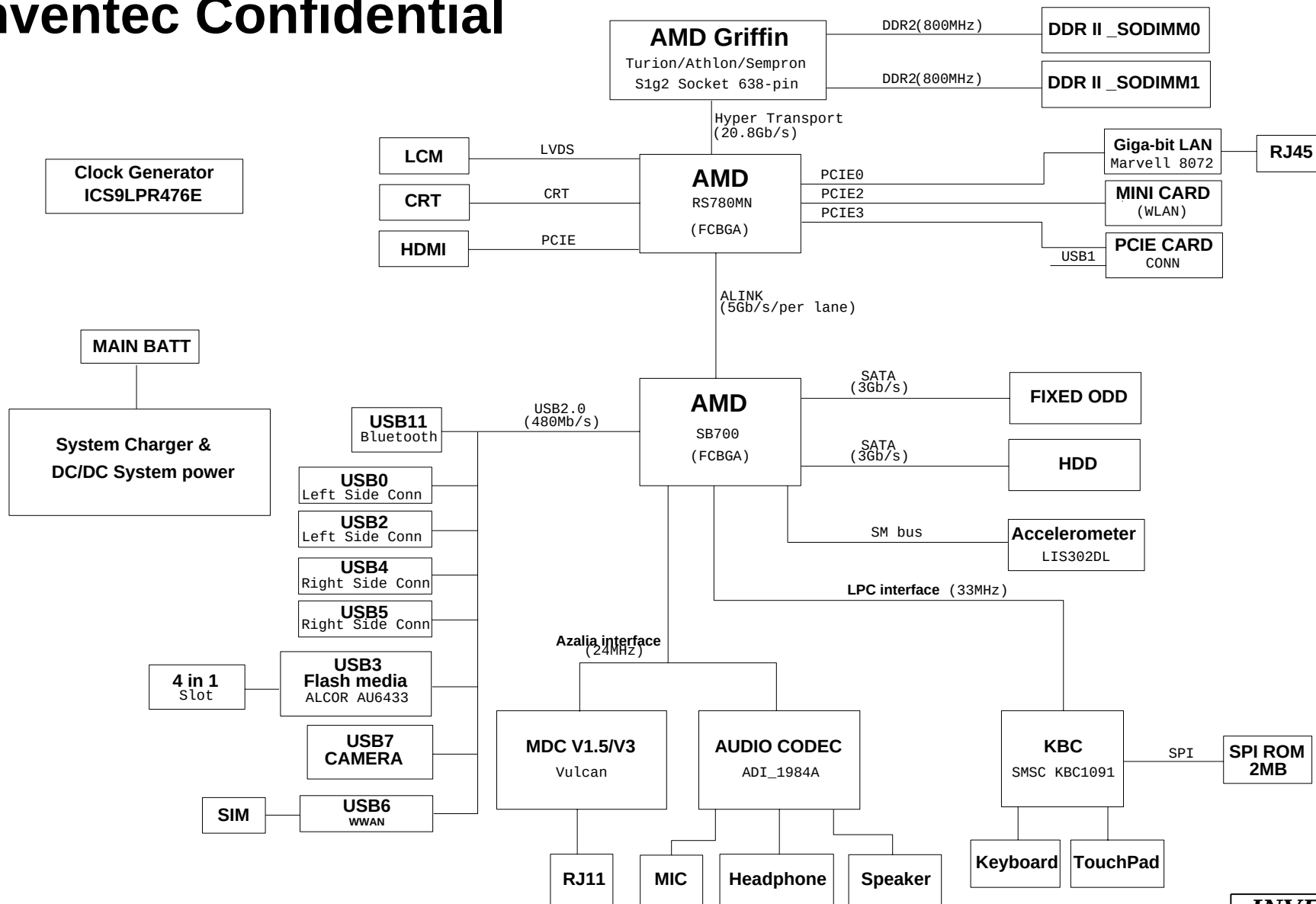


2009/03/17

TABLE OF CONTENTS

PAGE	PAGE	PAGE
5- DC& BATTERY CHARGER	15- CLOCK_GENERATOR	35- KB & TP CONN
6- SELECT & BATTERY CONN	16- CPU-1	36- SPI & ACCELEROMETER
7- +V5A,+V3A & +V2.5S	17- CPU-2	37- HDD & ODD CONN
8- OCP	18- CPU-3	38- USB CONN
9- +VCC_NB & +V1.2A	19- CPU-4	39- TCM CONN
10- +VCC_CORE	20- THERMAL&FAN CONTROLLER	40- FLASH MEDIA CARD
11- POWER	21- DDR2-DIMM0	41- AZALIA CODEC
12- DDR2 POWER	22- DDR2-DIMM1	42- Earphone & MIC JACK
13- POWER(SLEEP)	23- DDR2-DAMPING	43- AUDIO AMP & HP CONN
14- POWER(SEQUENCE)	24- RS780-1	44- MDC CNTR
	25- RS780-2	45- NIC GIGA LAN- CONTROLLER
	26- RS780-3	46- NIC 10/100/1000- RJ45 CONN
	27- RS780-4	47- MINICARD & BT CONN
	28- CRT	48- NEW CARD
	29- LED PANEL CONN	49- SIM CONN
	30- SB700-1	50- Wireless SW & SW/B & LED/B CONN
	31- SB700-2	51- SCREW
	32- SB700-3	52- LED
	33- SB700-4	53- Power Plane Cap
	34- KBC	54- SW BOARD & LID Switch
		55- ODD Extension Board
		56- BLANK

Inventec Confidential



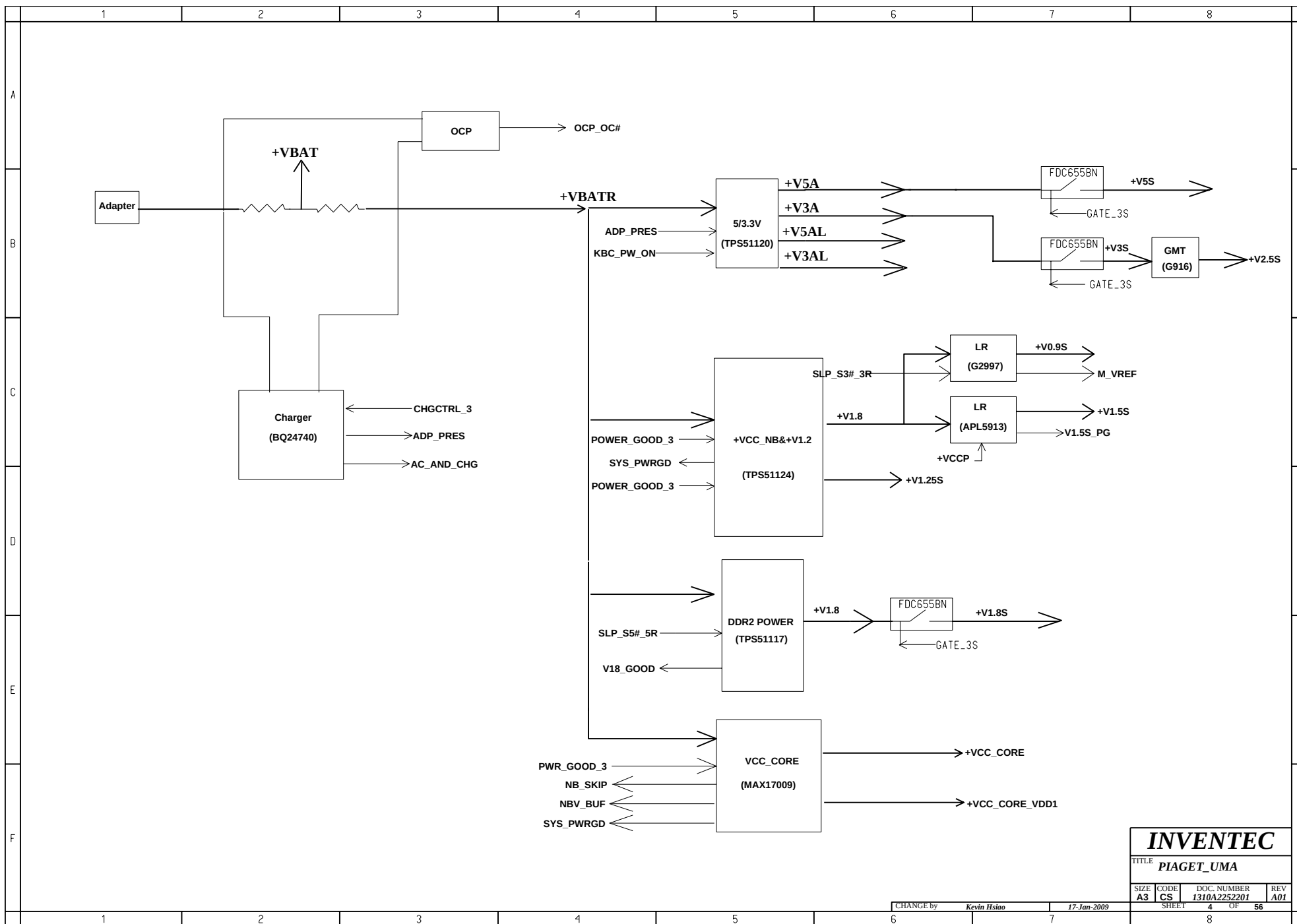
INVENTEC

TITLE
PIAGET_UMA
Block Diagram

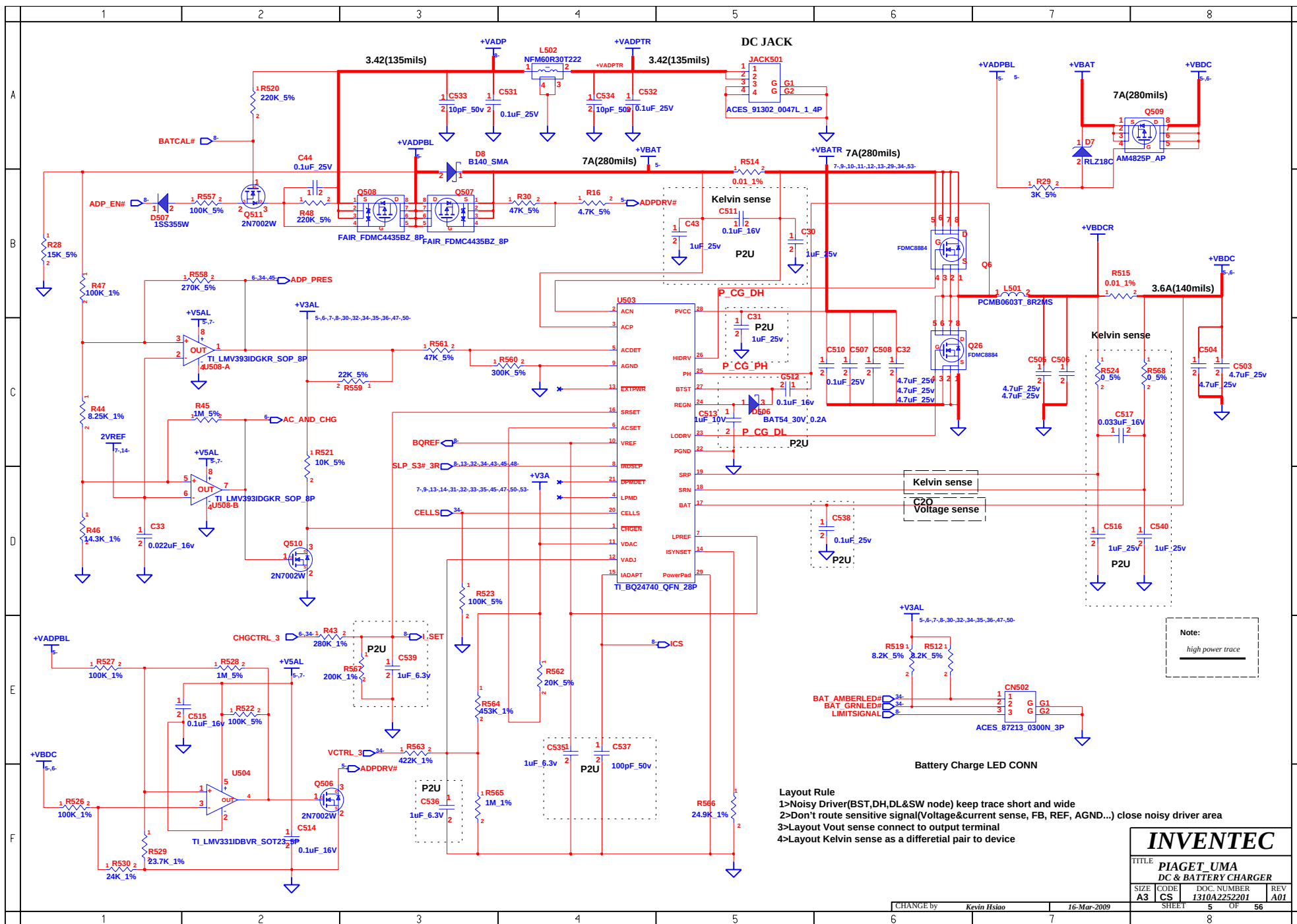
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2252201	A01

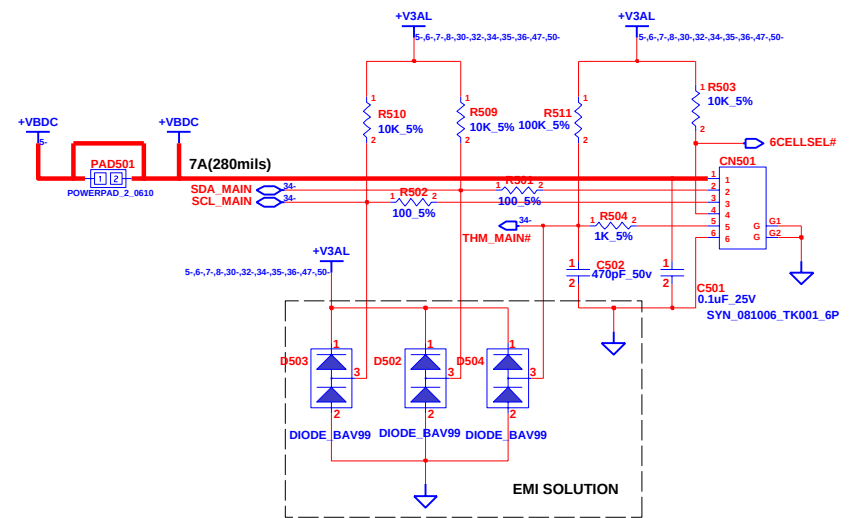
CHANGE by Kevin Hsiao 12-Feb-2009

SHEET 3 OF 56



INVENTEC			
TITLE PIAGET_UMA			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		17-Jan-2009	
SHEET		4 OF 56	

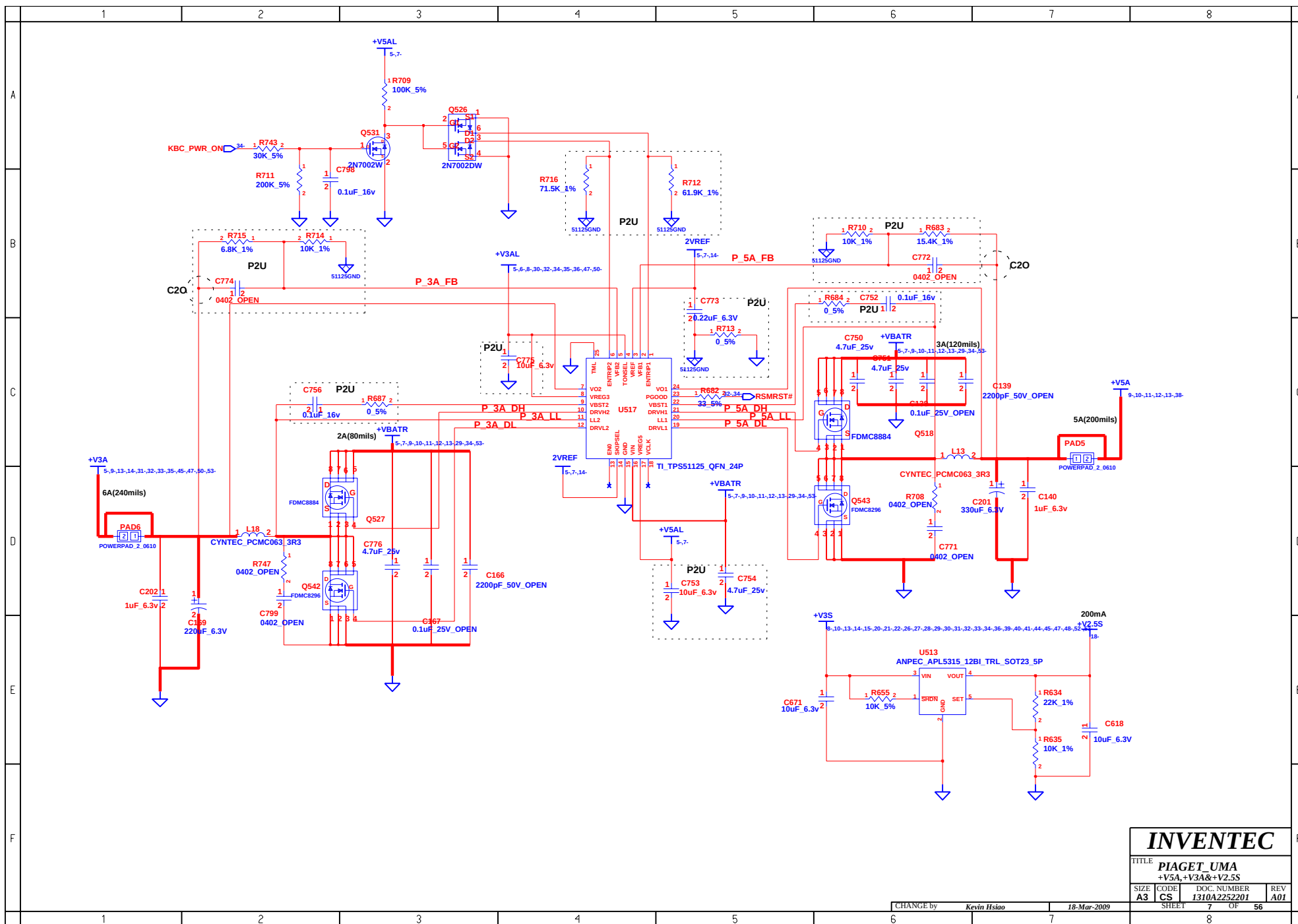


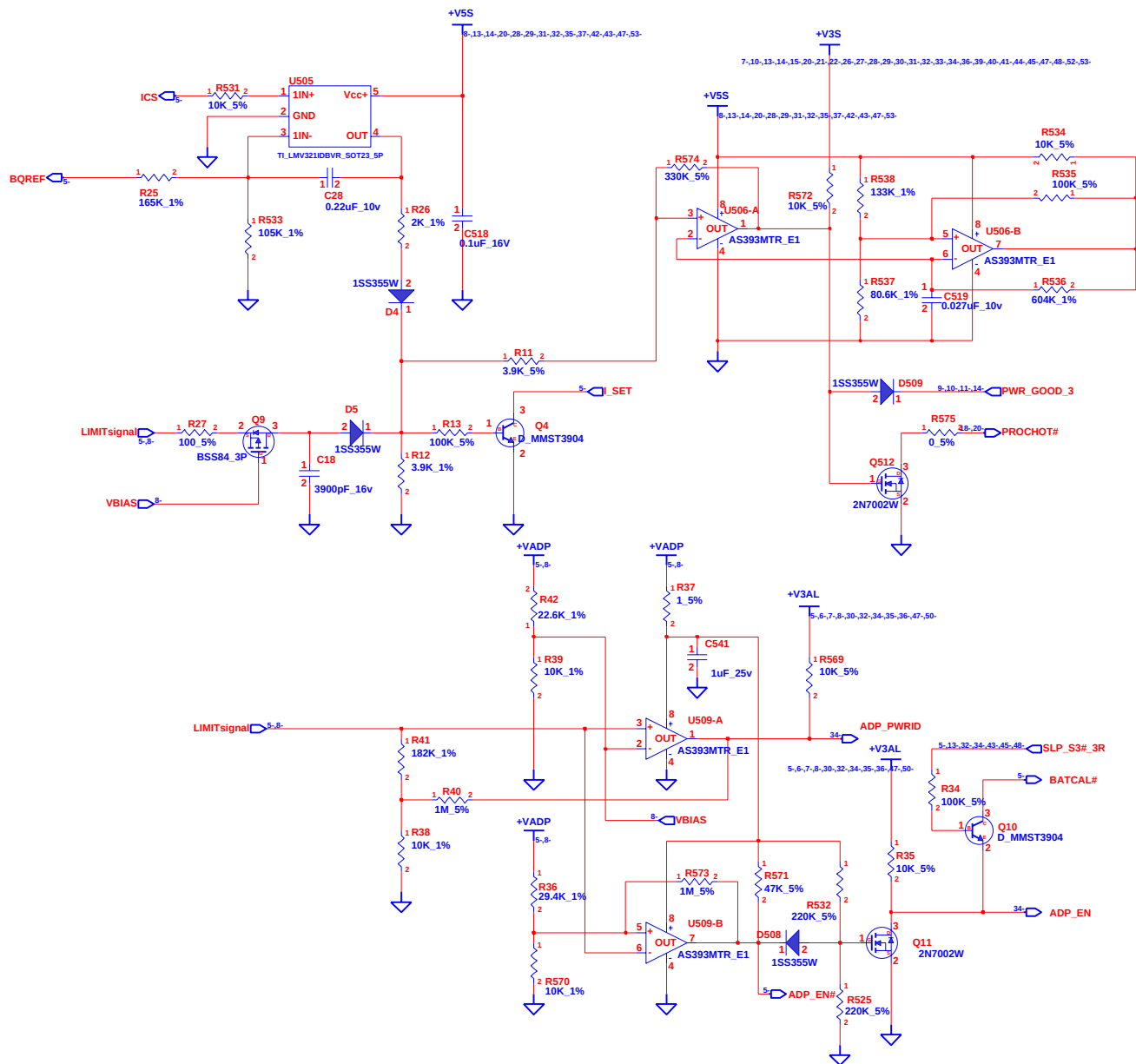


TITLE			
PIAGET_UMA SELECT & BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2252201	A01
SHEET		6 OF	56

CHANGE by	Kevin Hsiao	18-Mar-2009
-----------	-------------	-------------

CS	1310A2252201
SHEET	6 OF 56





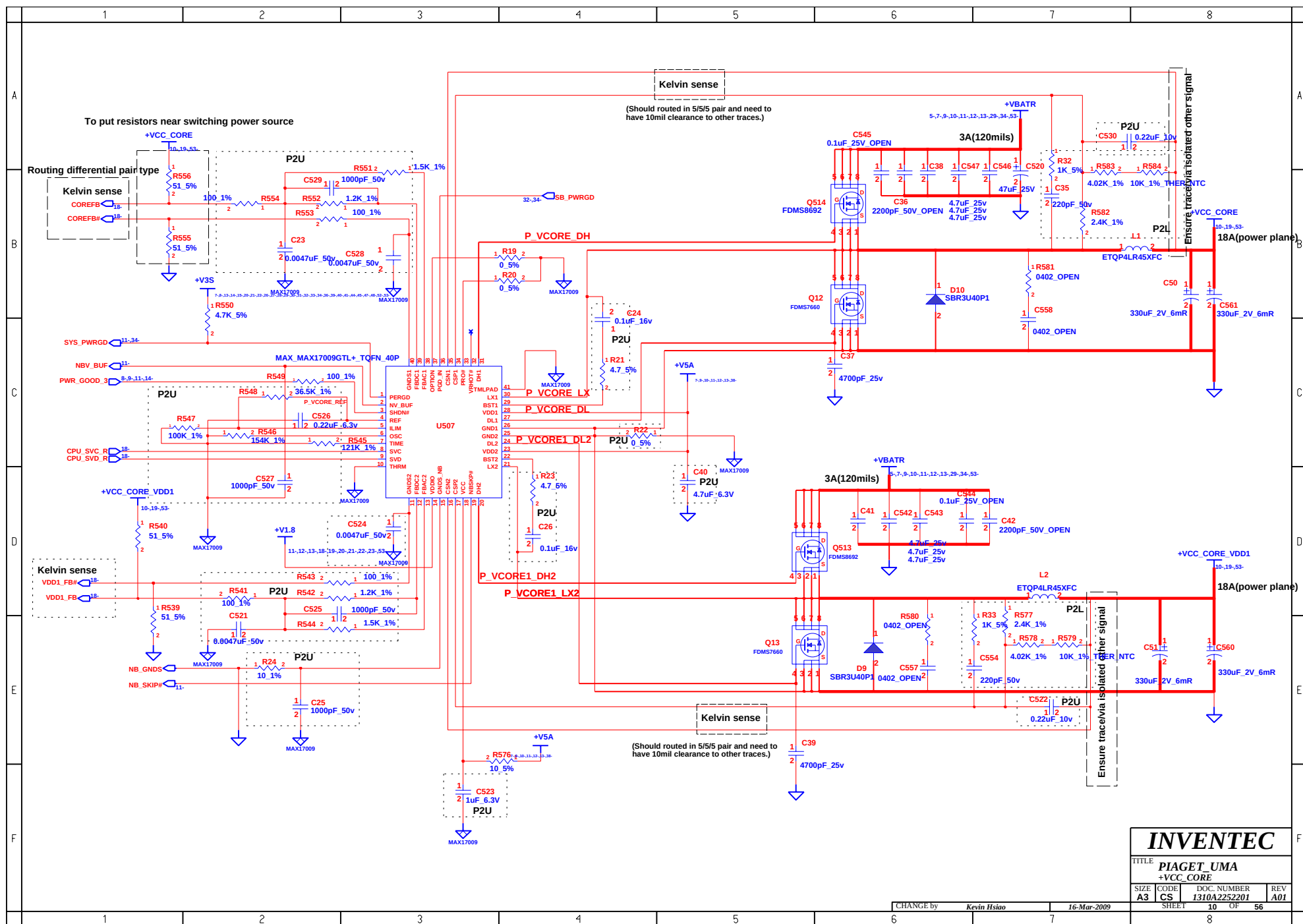
INVENTEC

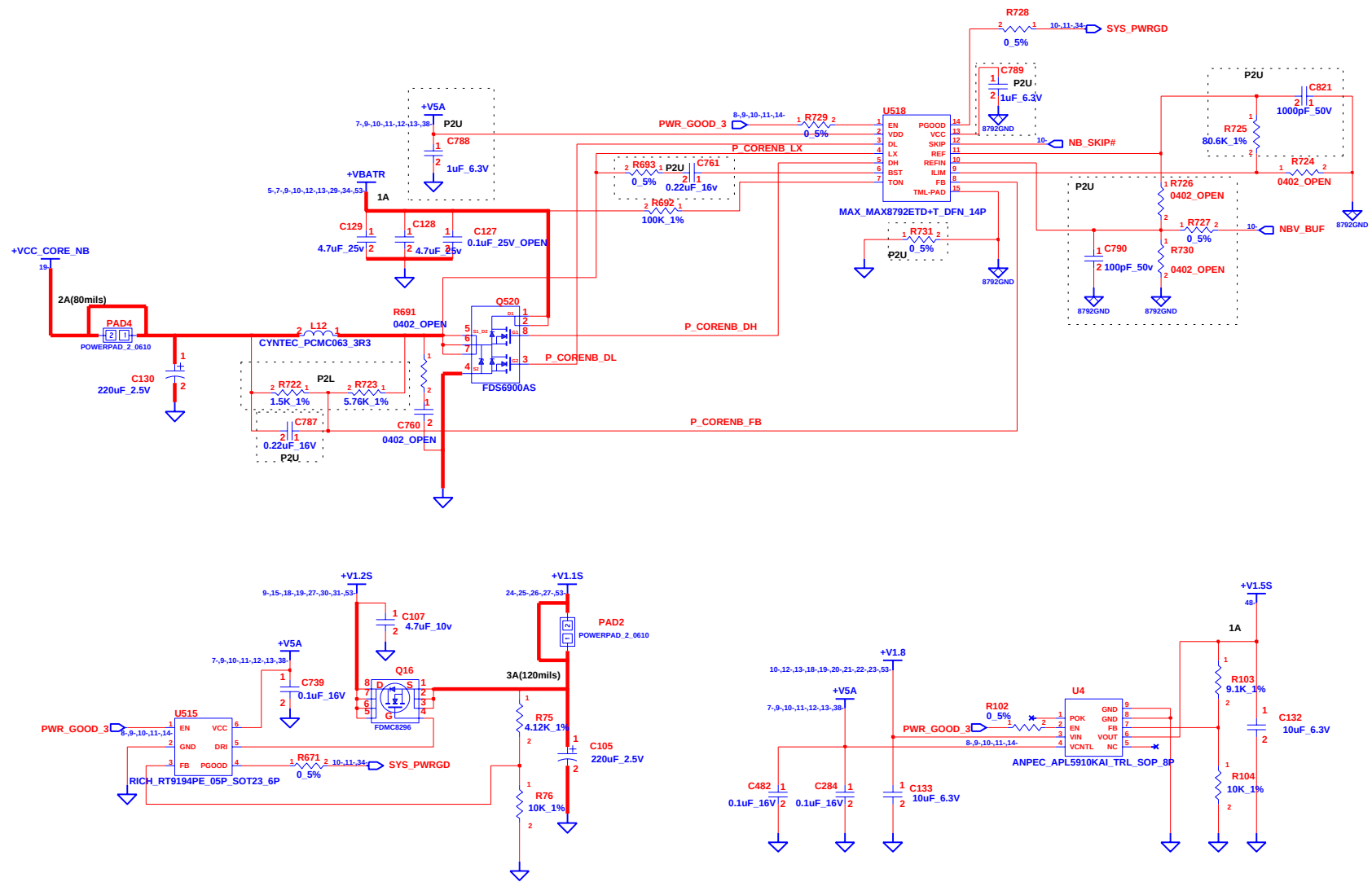
TITLE
PIAGET_UMA
OCP

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2252201	A01

CHANGE by **Kevin Hsiao** 12-Feb-2009

SHEET 8 OF 56



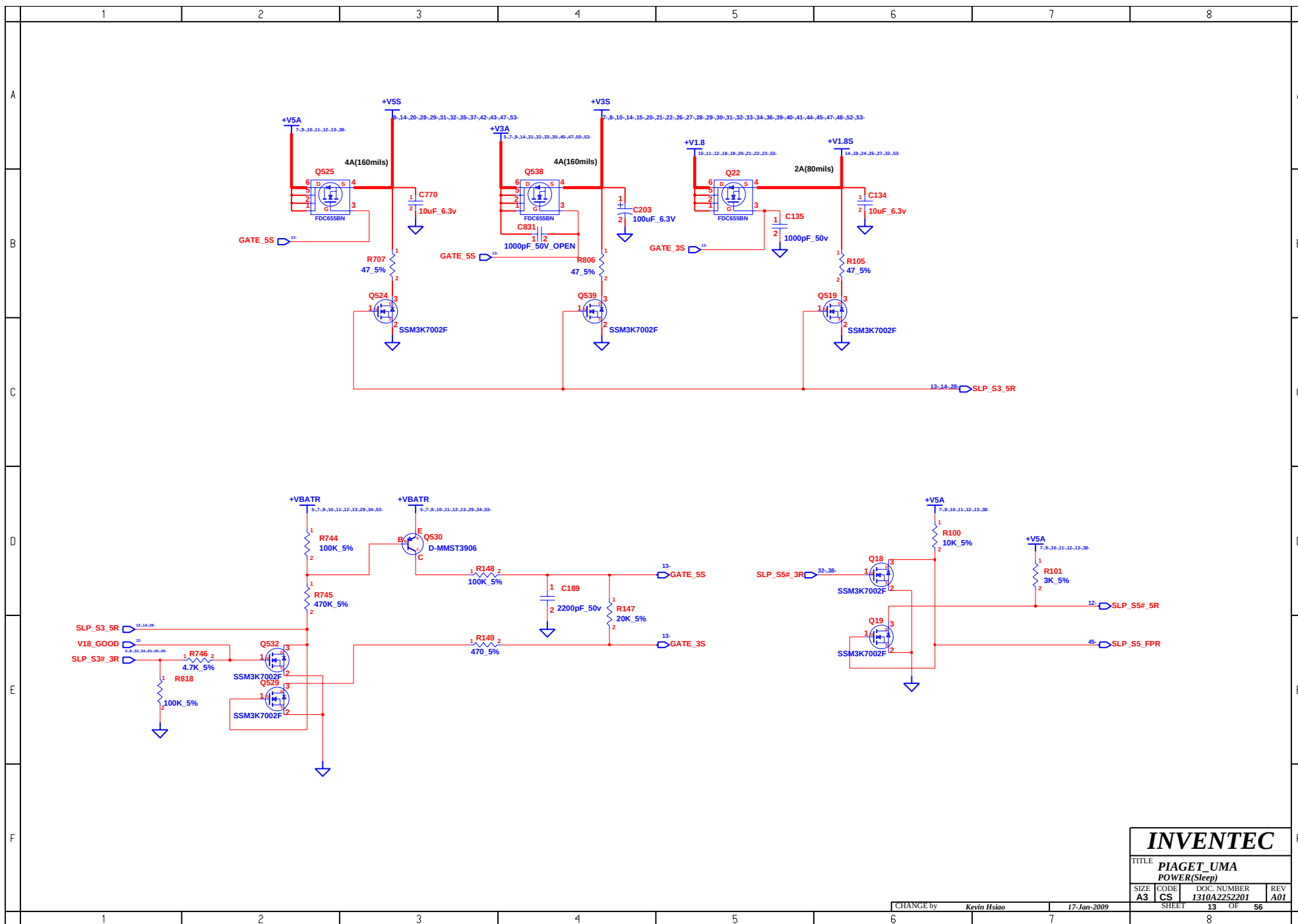


INVENTEC

TITLE			
PIAGET_UMA			
POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2252201	A01

CHANGE by	Kevin Hsiao	18-Mar-2009	SHEET	11	OF	56
-----------	-------------	-------------	-------	----	----	----

CS	1310A2252201
SHEET	12 OF 56



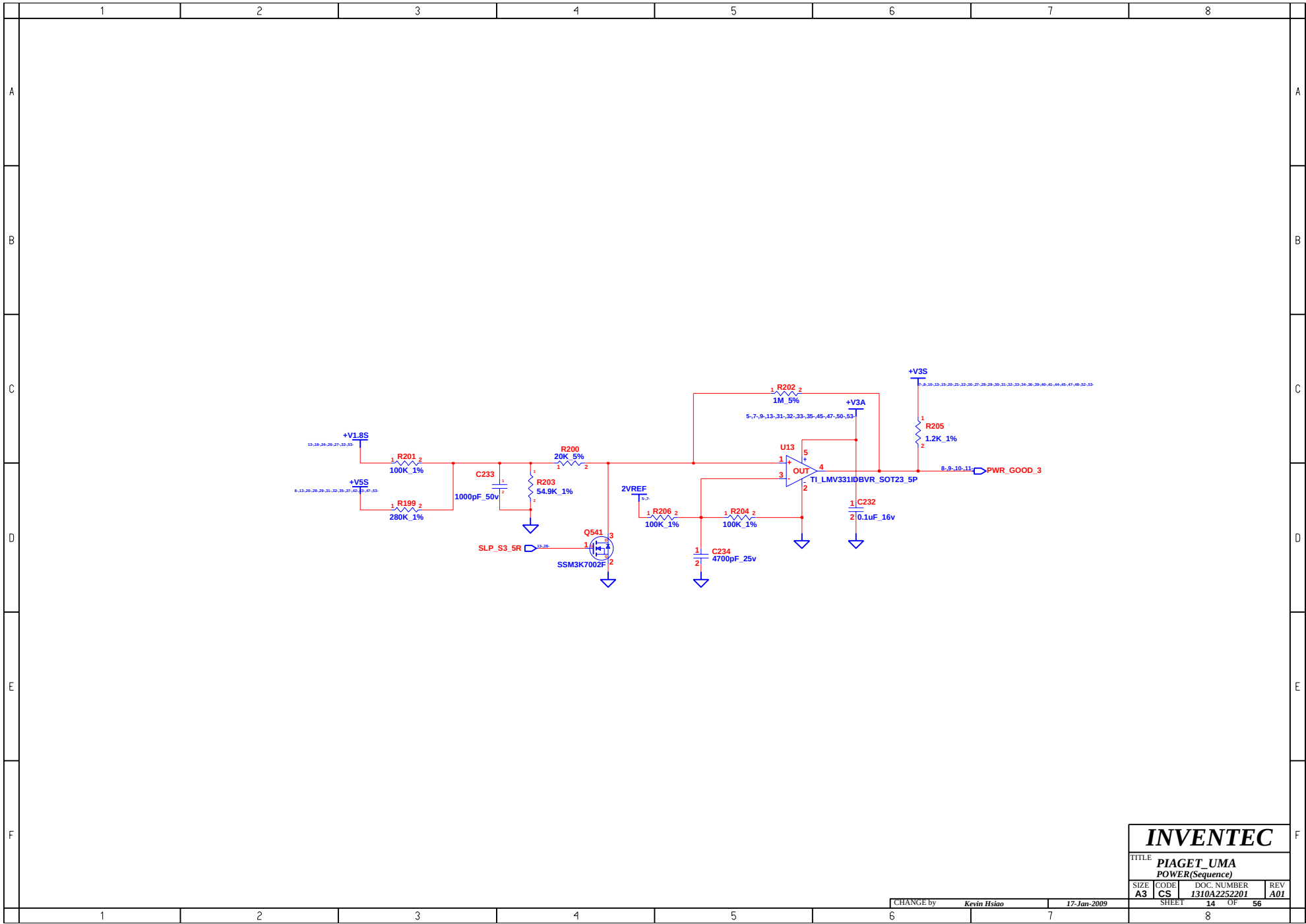
INVENTEC

TITLE
**PIAGET_UMA
POWER(Sleep)**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2252201	A01

CHANGE by *Kevin Hsiao* 17-Jan-2009

SHEET 13 OF 56



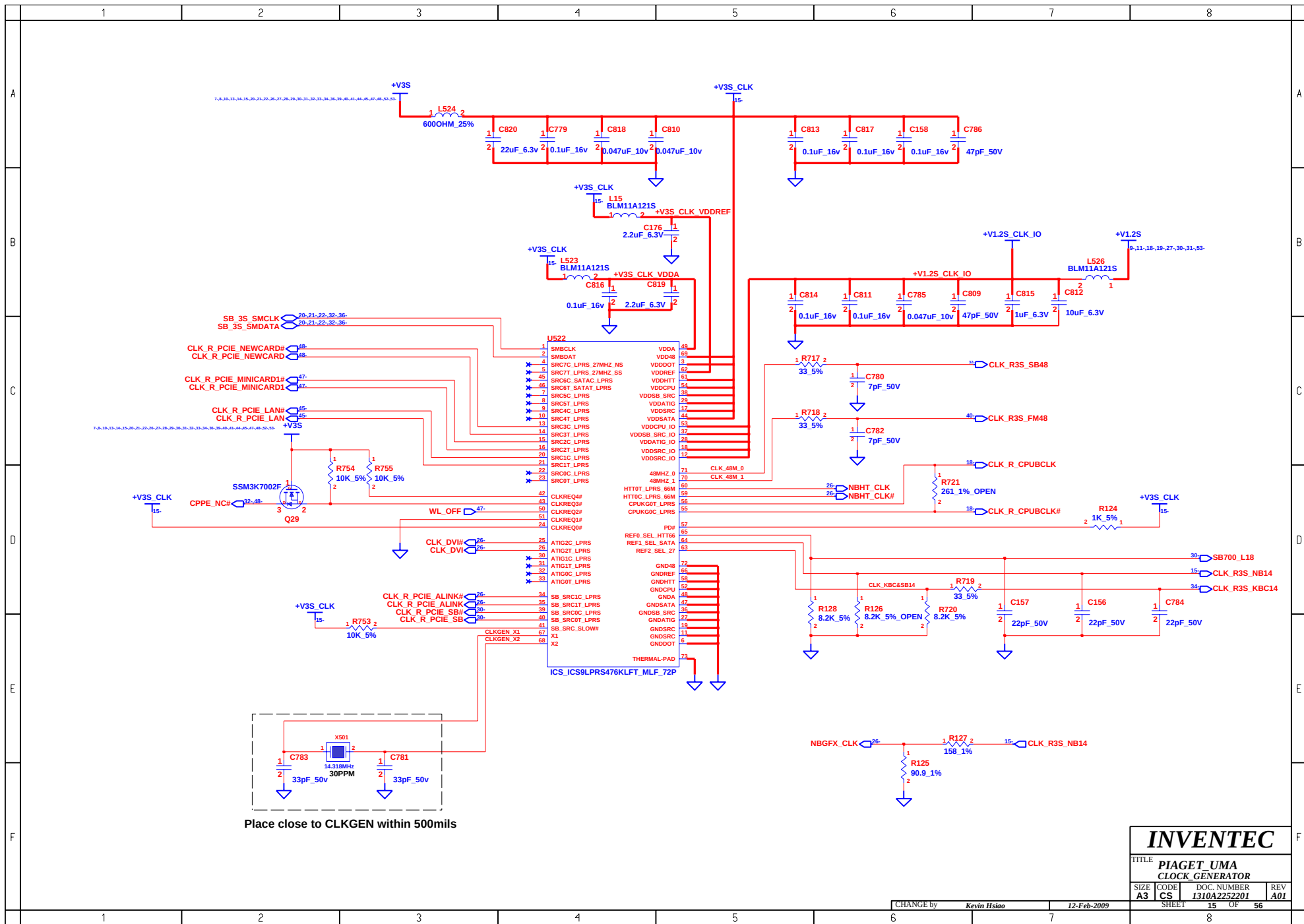
INVENTEC

TITLE
PIAGET_UMA
POWER(Sequence)

SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01
-------------------	-------------------	------------------------------------	-------------------

CHANGE by **Kevin Hsiao** 17-Jan-2009

SHEET **14** OF **56**



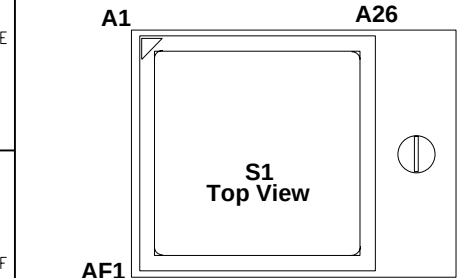
INVENTEC

TITLE
**PIAGET_UMA
CLOCK_GENERATOR**

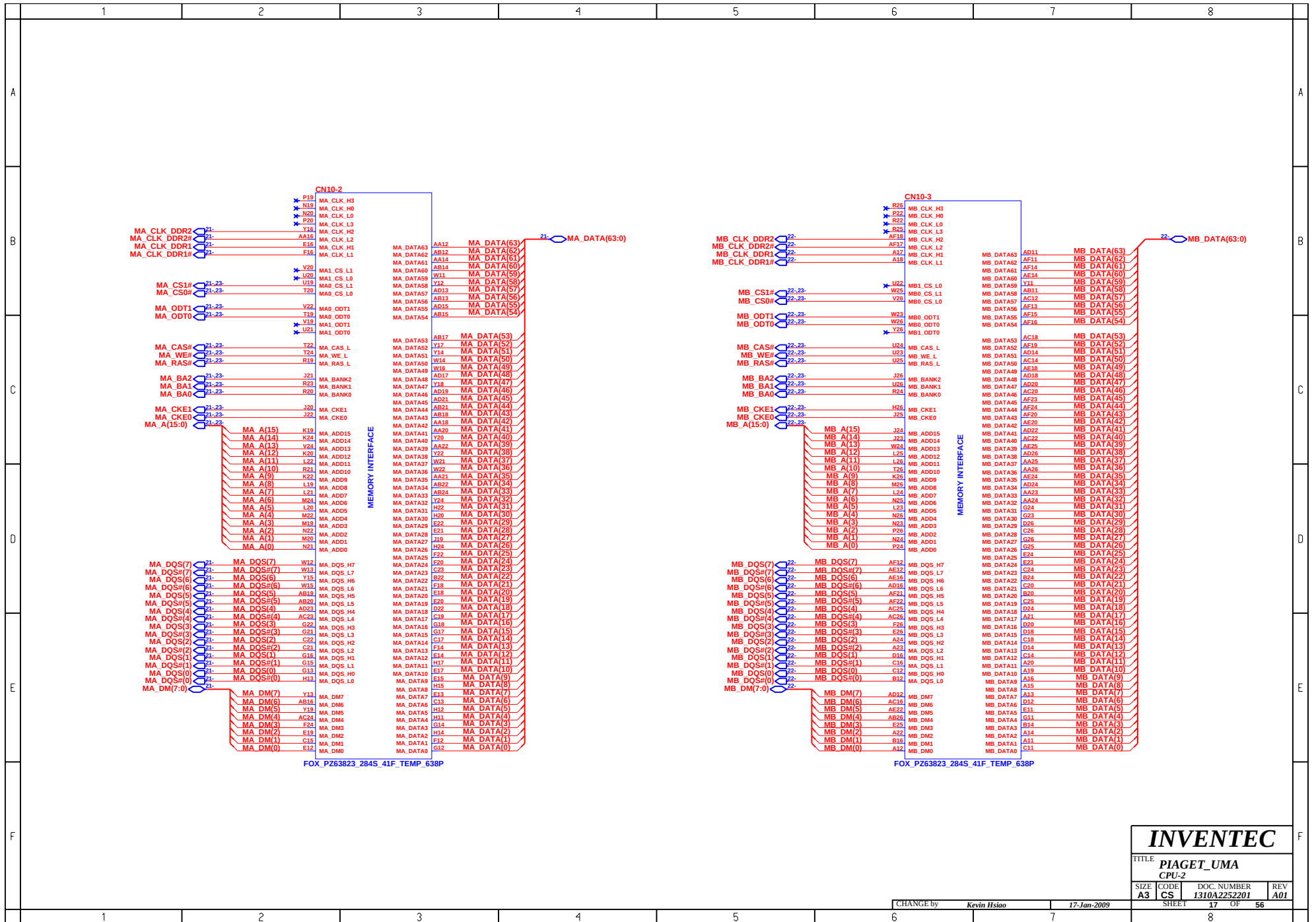
SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01
-------------------	-------------------	------------------------------------	-------------------

CHANGE by Kevin Hsiao	12-Feb-2009
---------------------------------	-------------

SHEET 15	OF 56
--------------------	-----------------



CS	1310A2252201
SHEET	16 OF 56



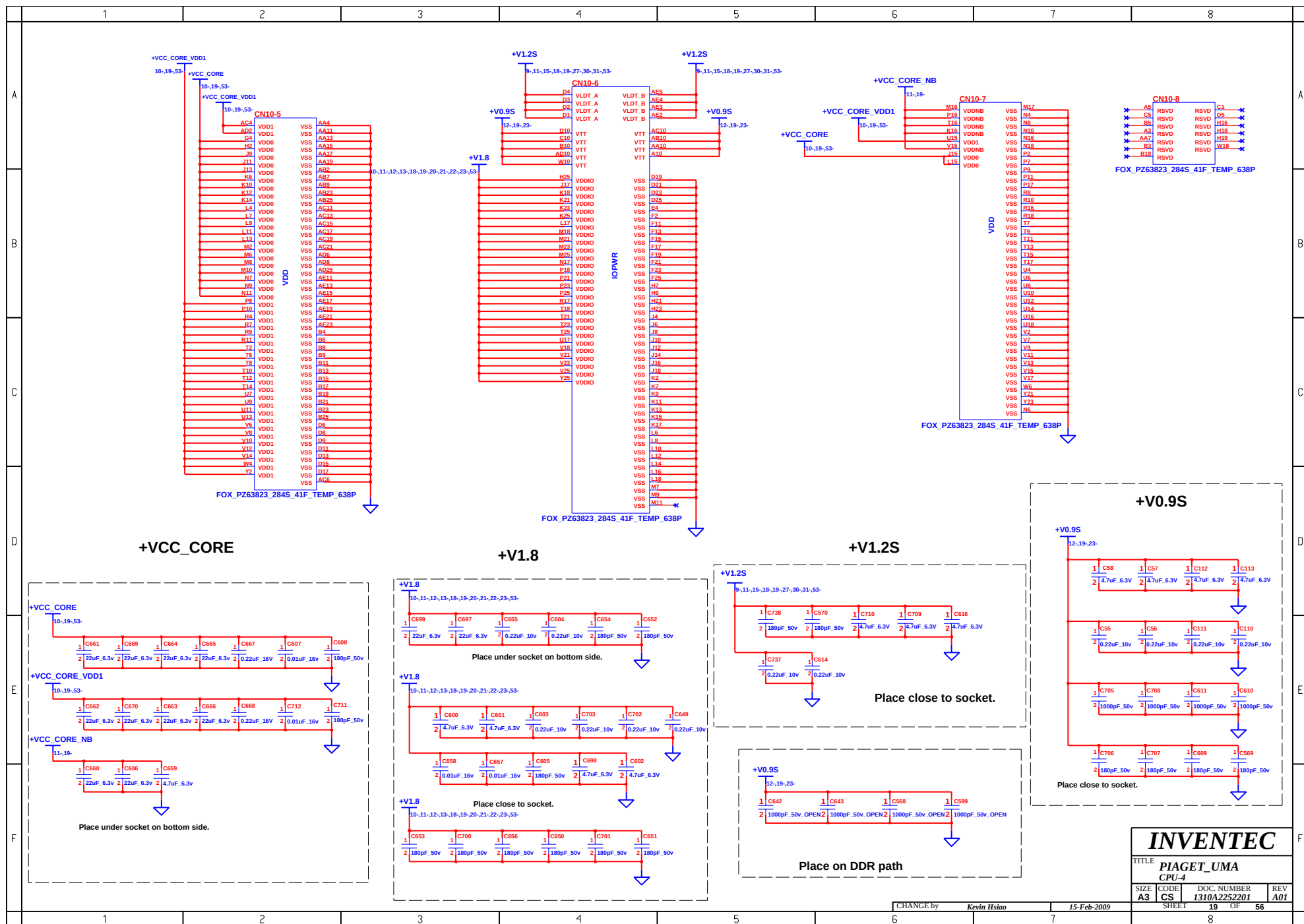
INVENTEC

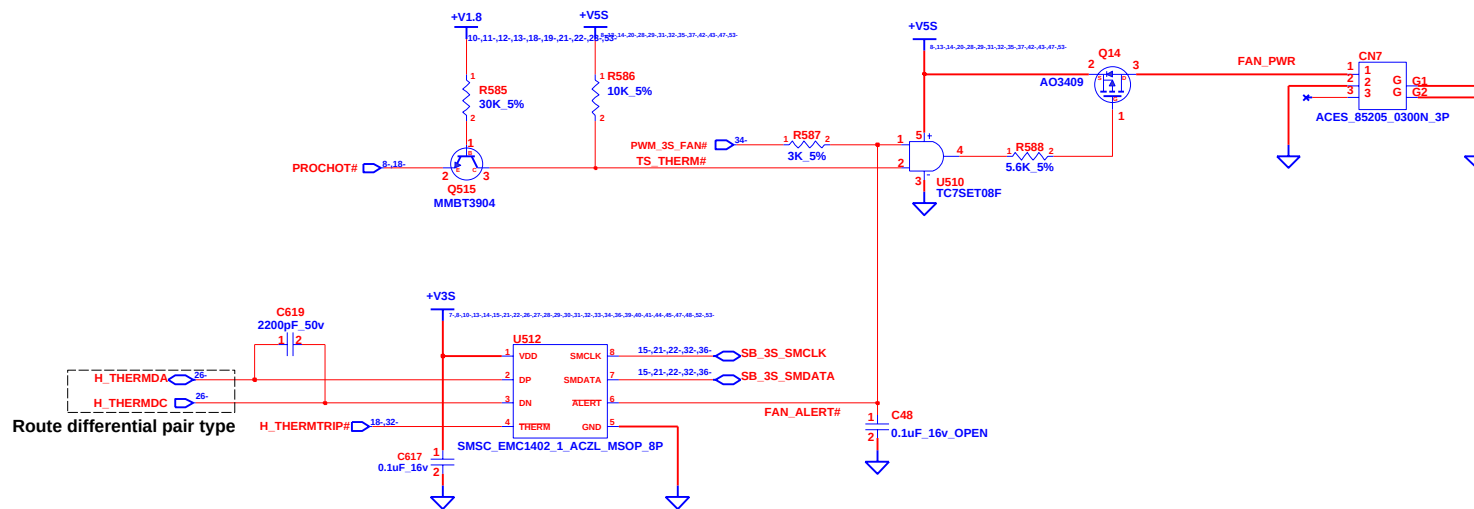
TITLE
PIAGET_UMA
CPU-2

SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01
------------	------------	-----------------------------	------------

CHANGE by Kevin Hsiao 17-Jan-2009

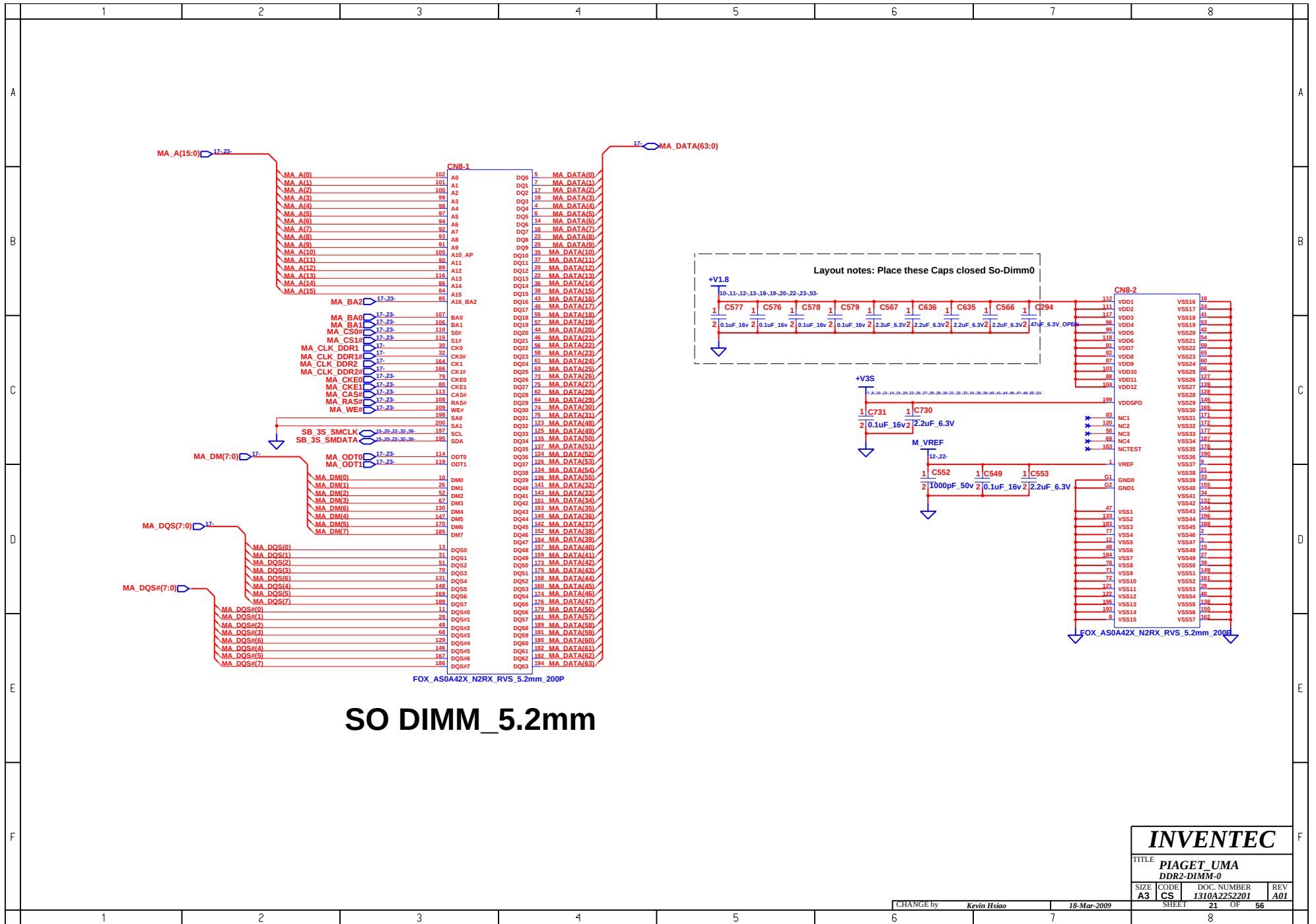
SHEET 17 OF 56





LAYOUT Note: Put the thermal sensor close to CPU.

INVENTEC			
TITLE PIAGET_UMA THERMAL & FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01
CHANGE by Kevin Hsiao		17-Jan-2009	
SHEET		20 OF 56	



SO DIMM_5.2mm

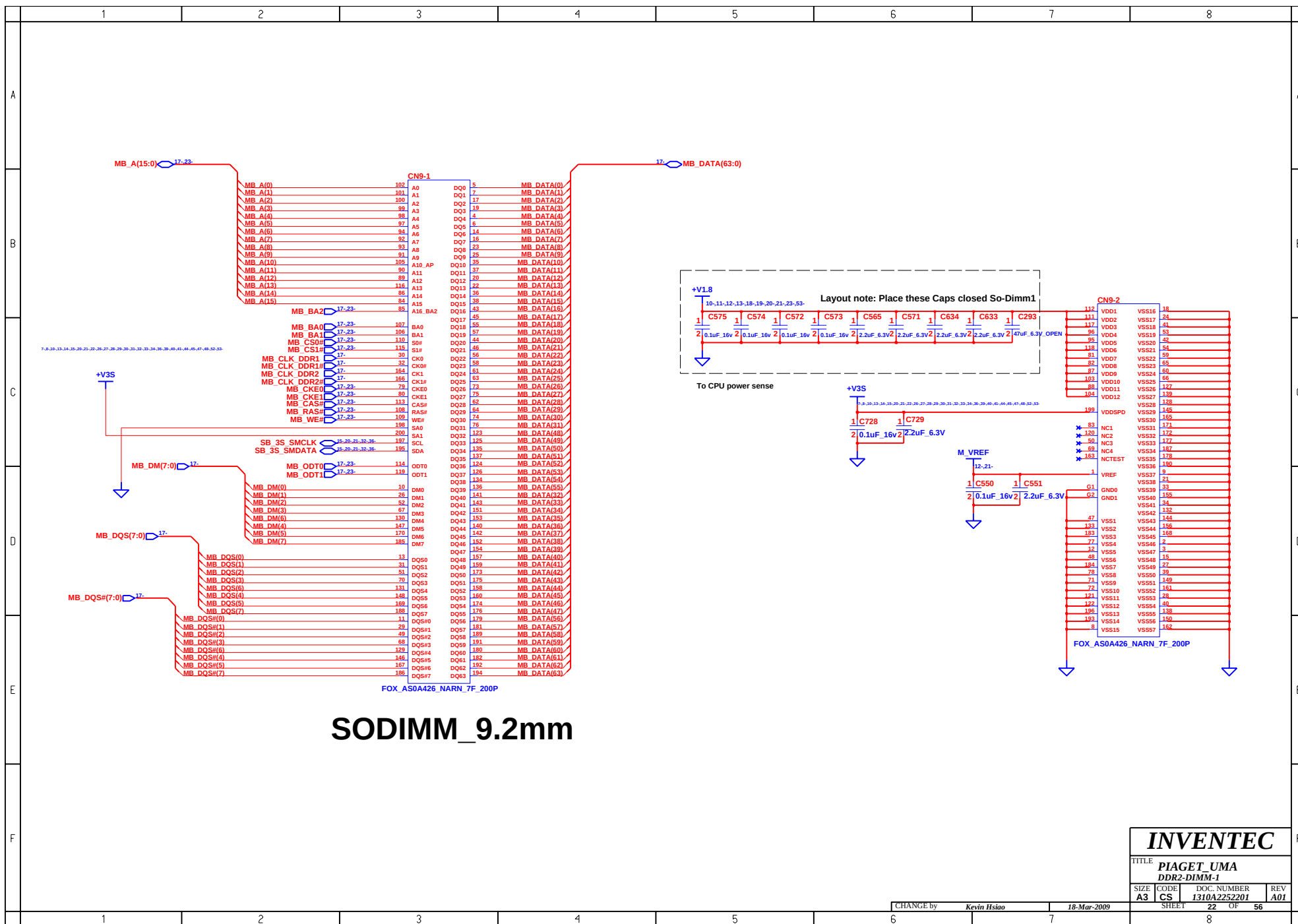
INVENTEC

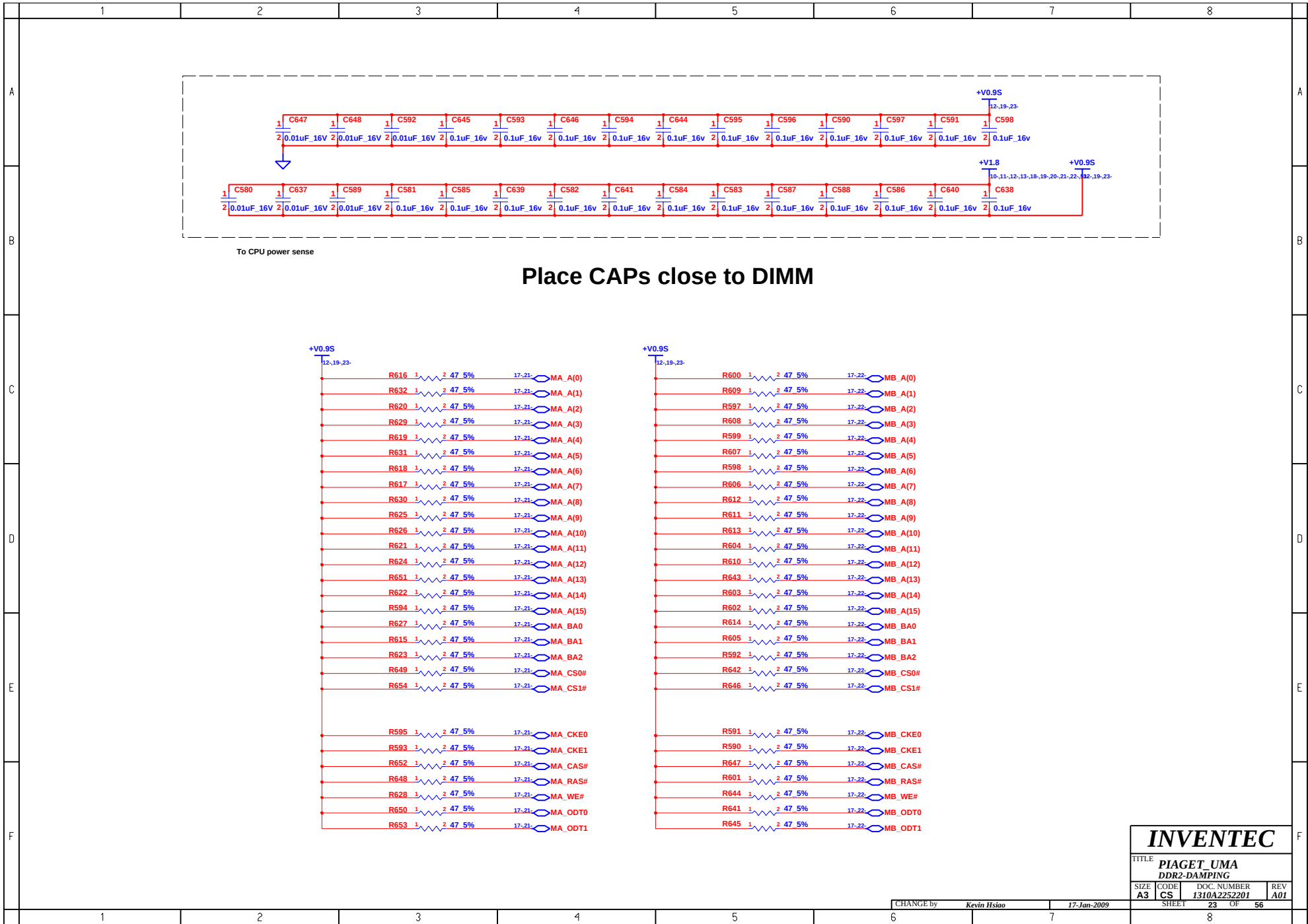
TITLE
PIAGET_UMA
DDR2-DIMM-0

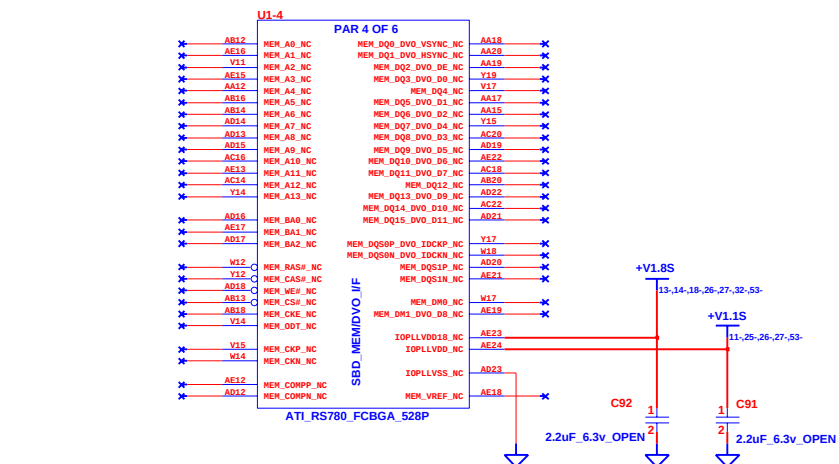
SIZE CODE DOC. NUMBER REV
A3 CS 1310A2252201 A01

CHANGE by Kevin Hsiao 18-Mar-2009

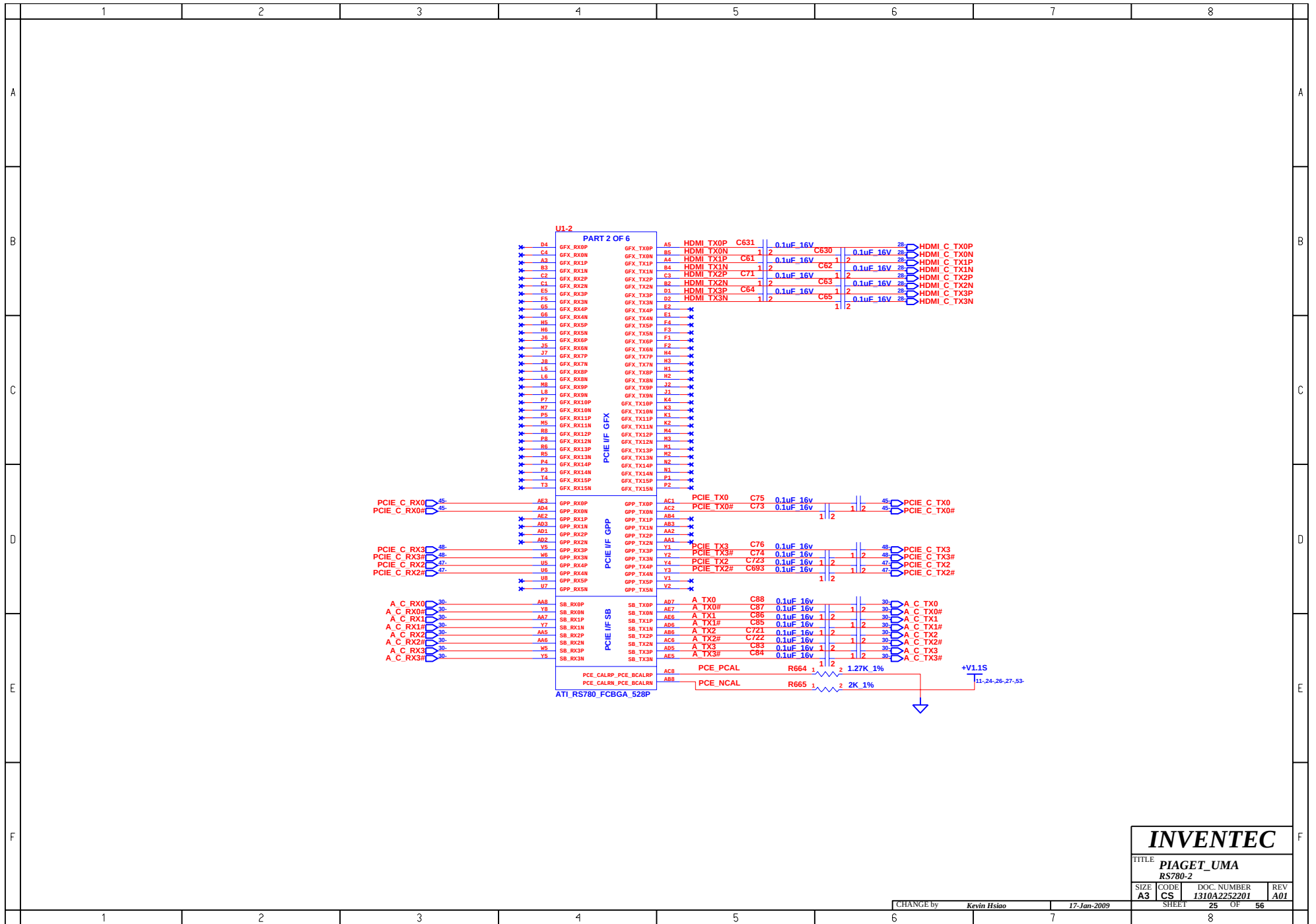
SHEET 21 OF 56







TITLE			
PIAGET_UMA RS780-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2252201	A01
SHEET		24	OF 56



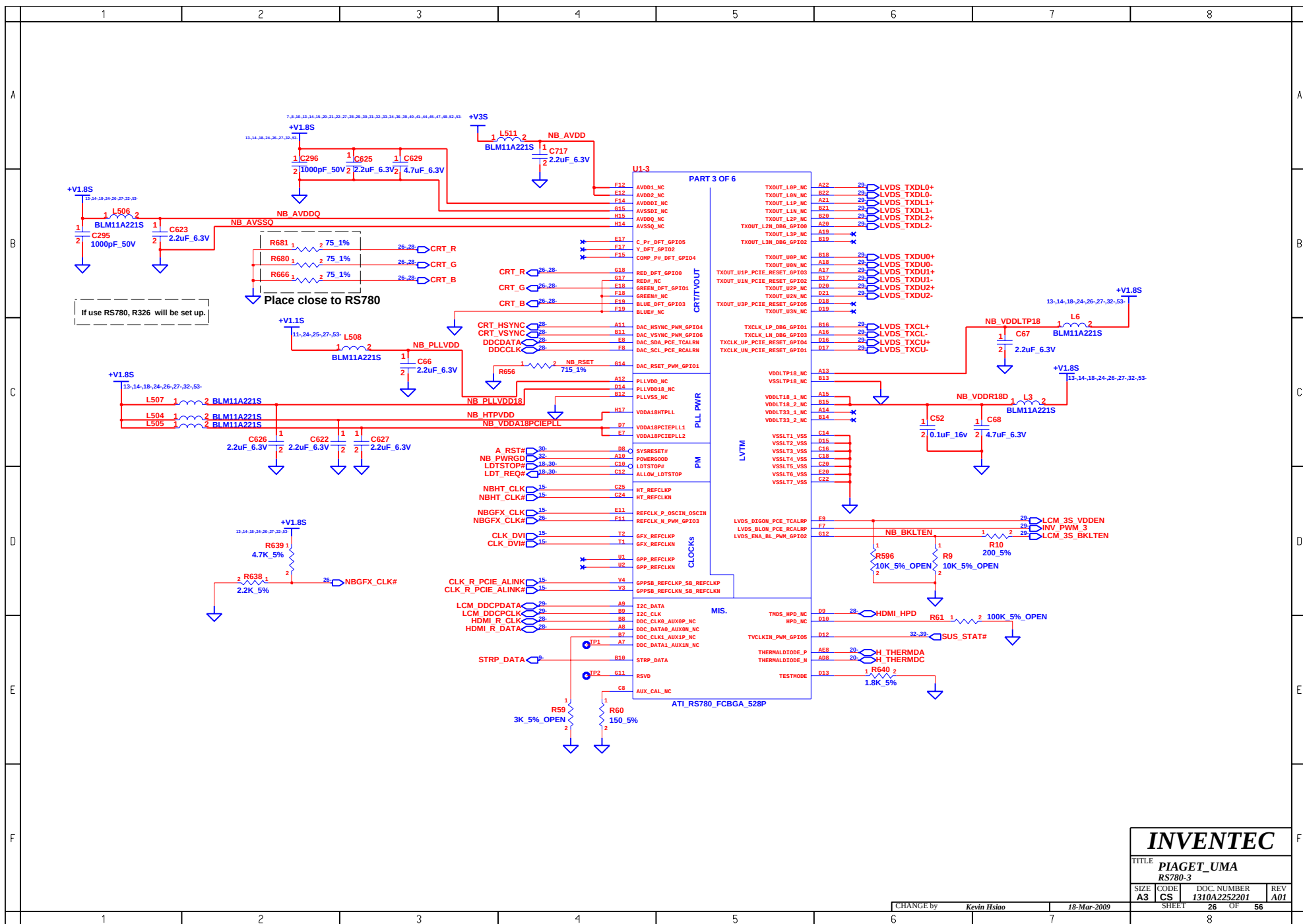
INVENTEC

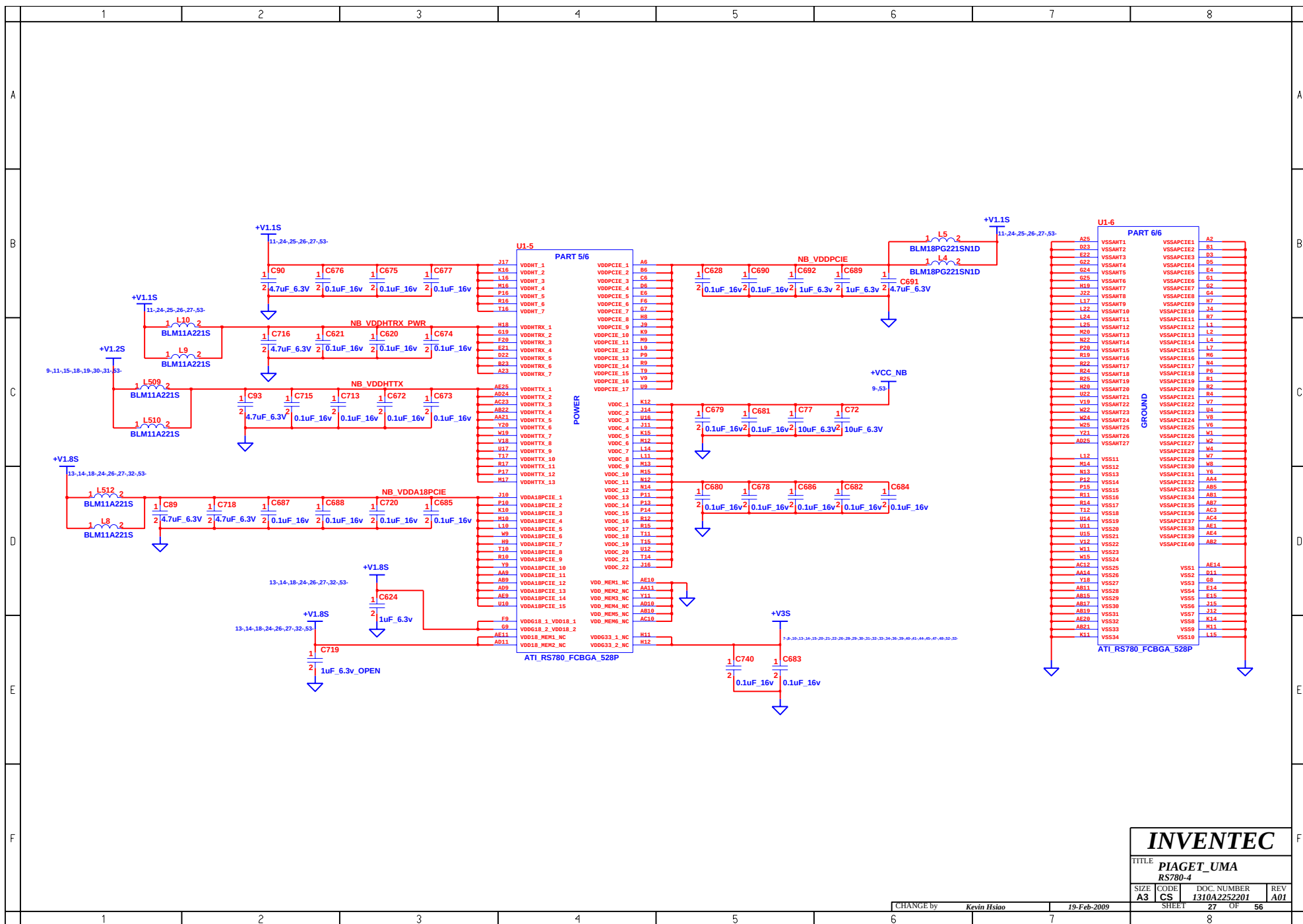
TITLE
PIAGET_UMA
RS780-2

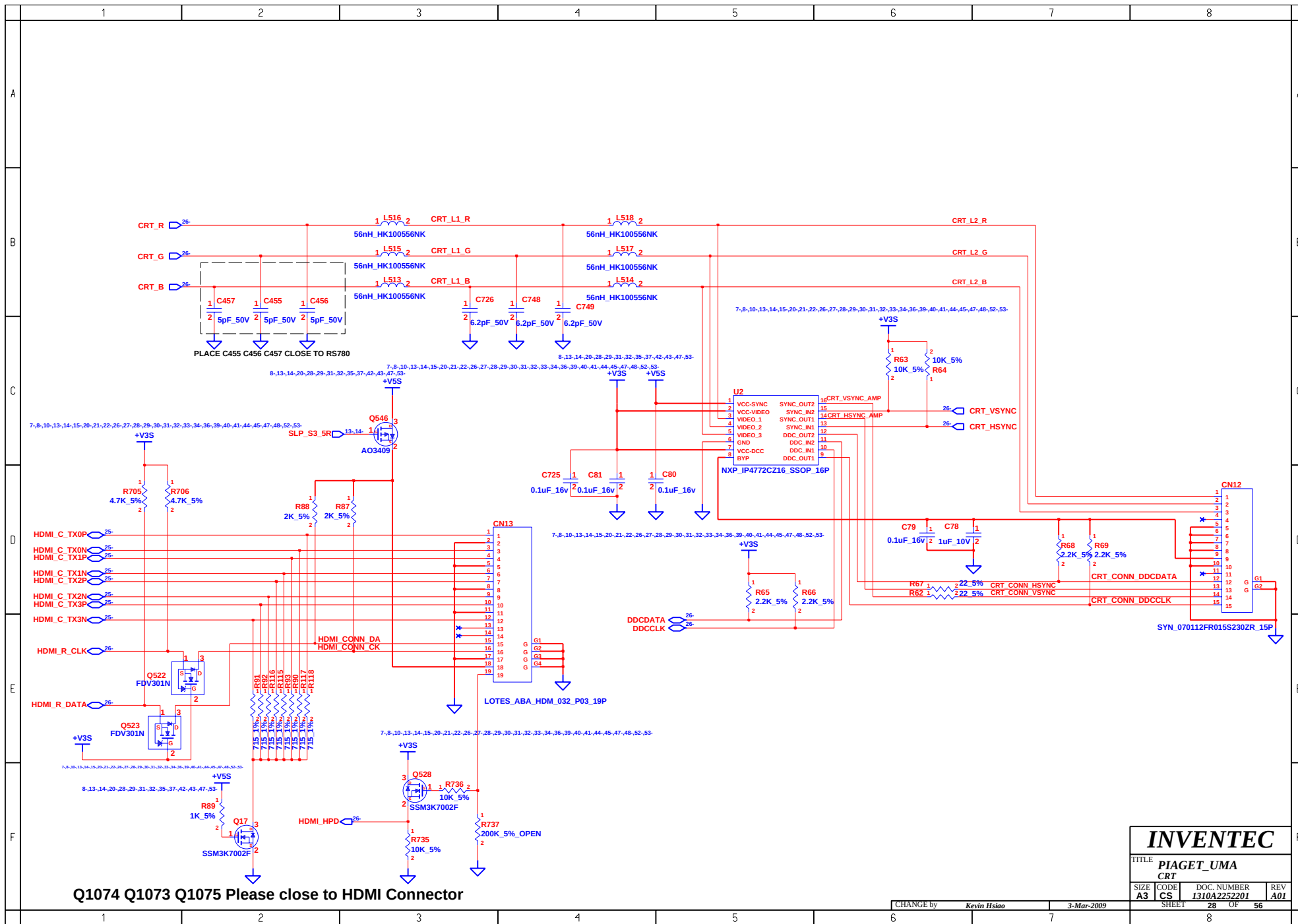
SIZE A3	CODE CS	DOC. NUMBER 1310AZ252201	REV A01
------------	------------	-----------------------------	------------

CHANGE by Kevin Hsiao 17-Jan-2009

SHEET 25 OF 56



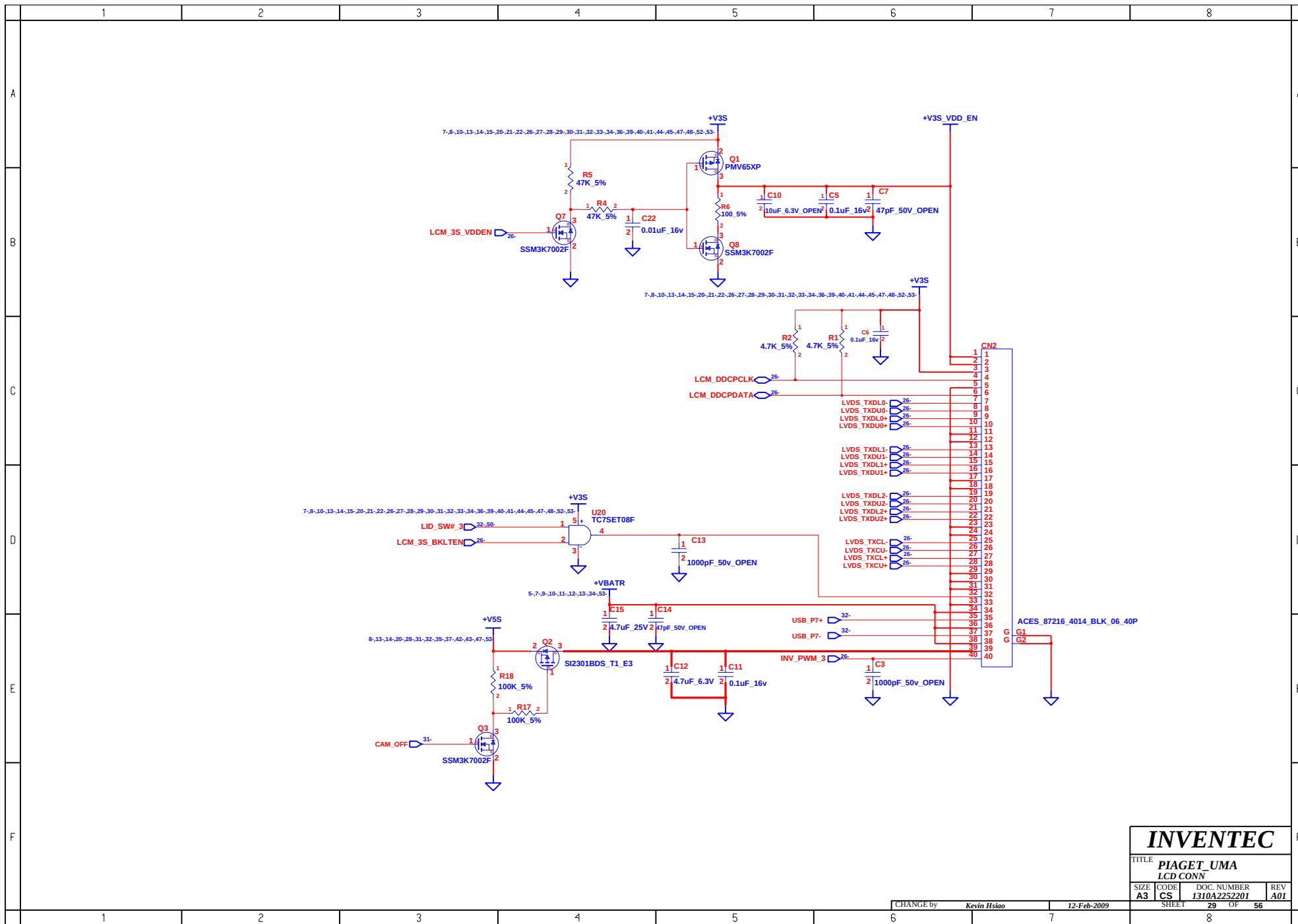


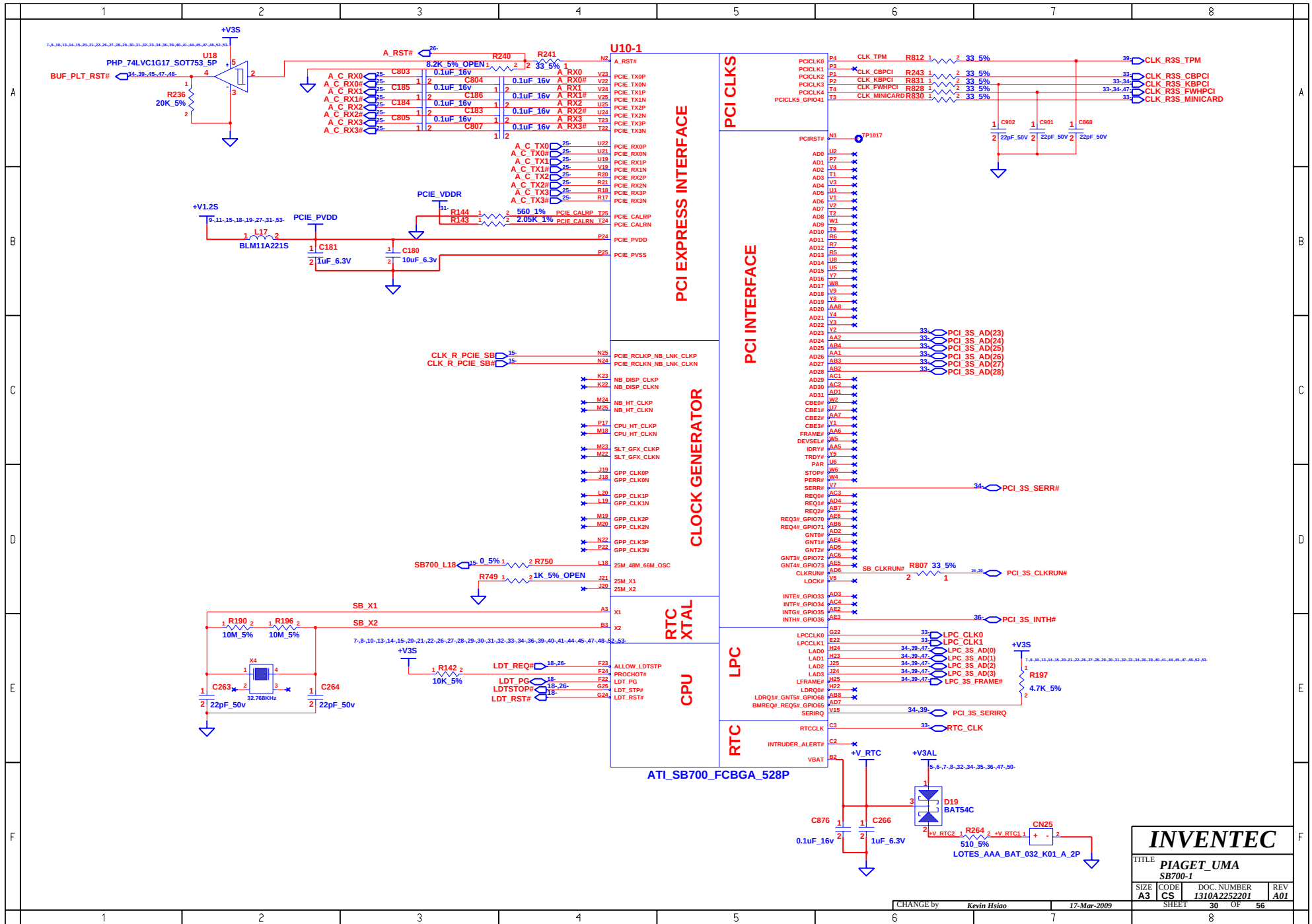


INVENTEC			
TITLE			
PIAGET_UMA			
CRT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2252201	A01

CHANGE by Kevin Hsiao 3-Mar-2009

SHEET 28 OF 56





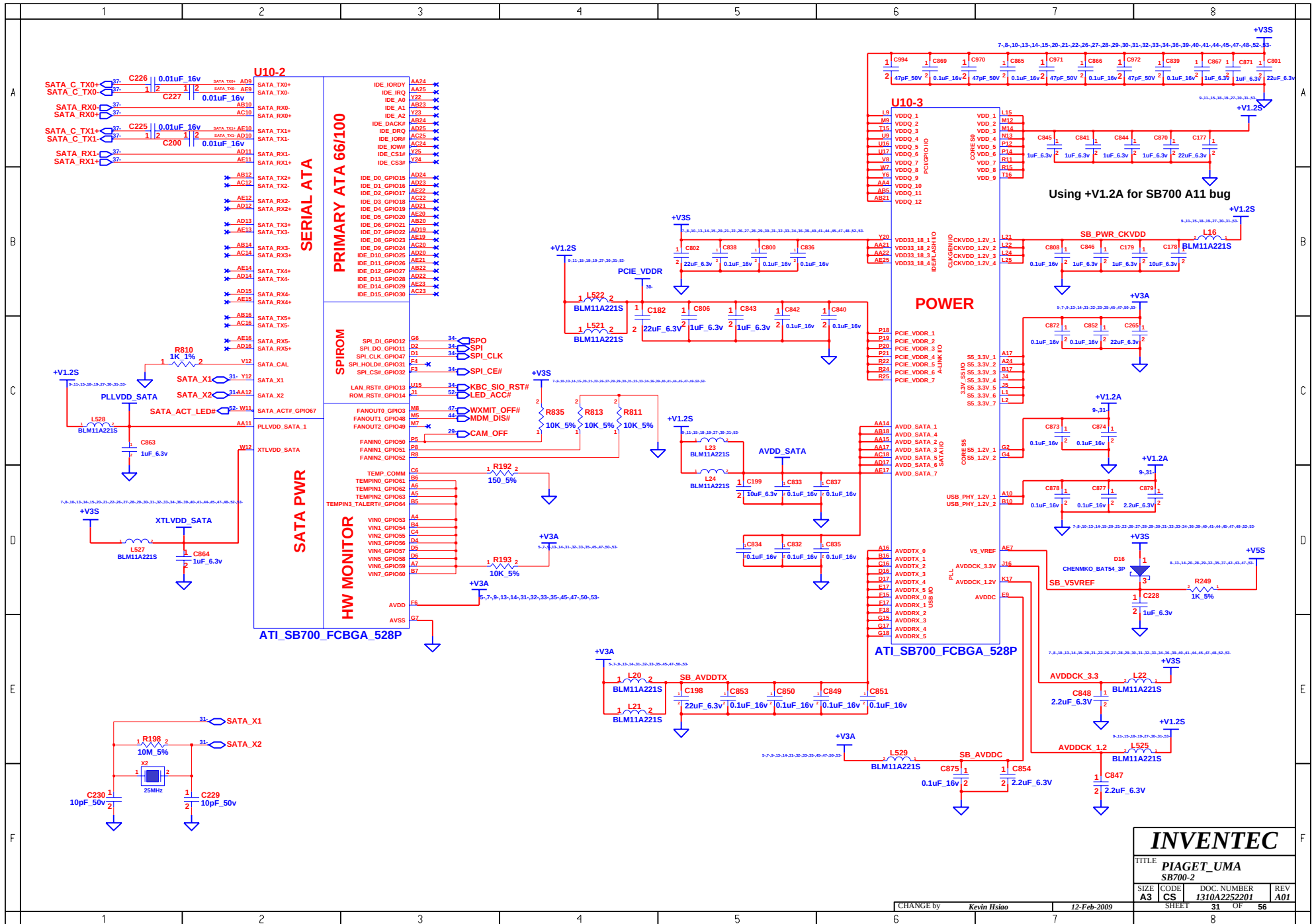
INVENTEC

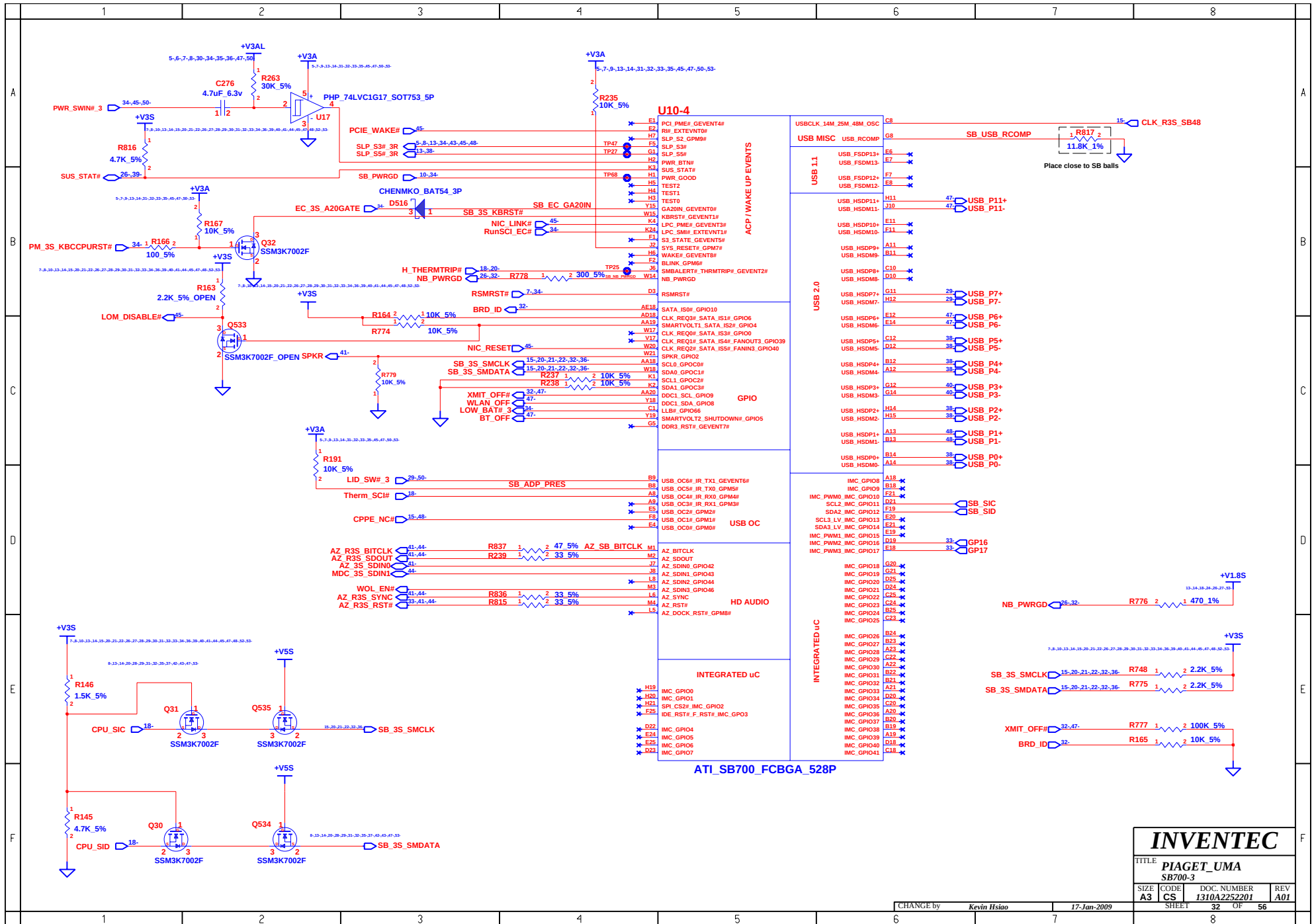
TITLE
PIAGET_UMA
SB700-1

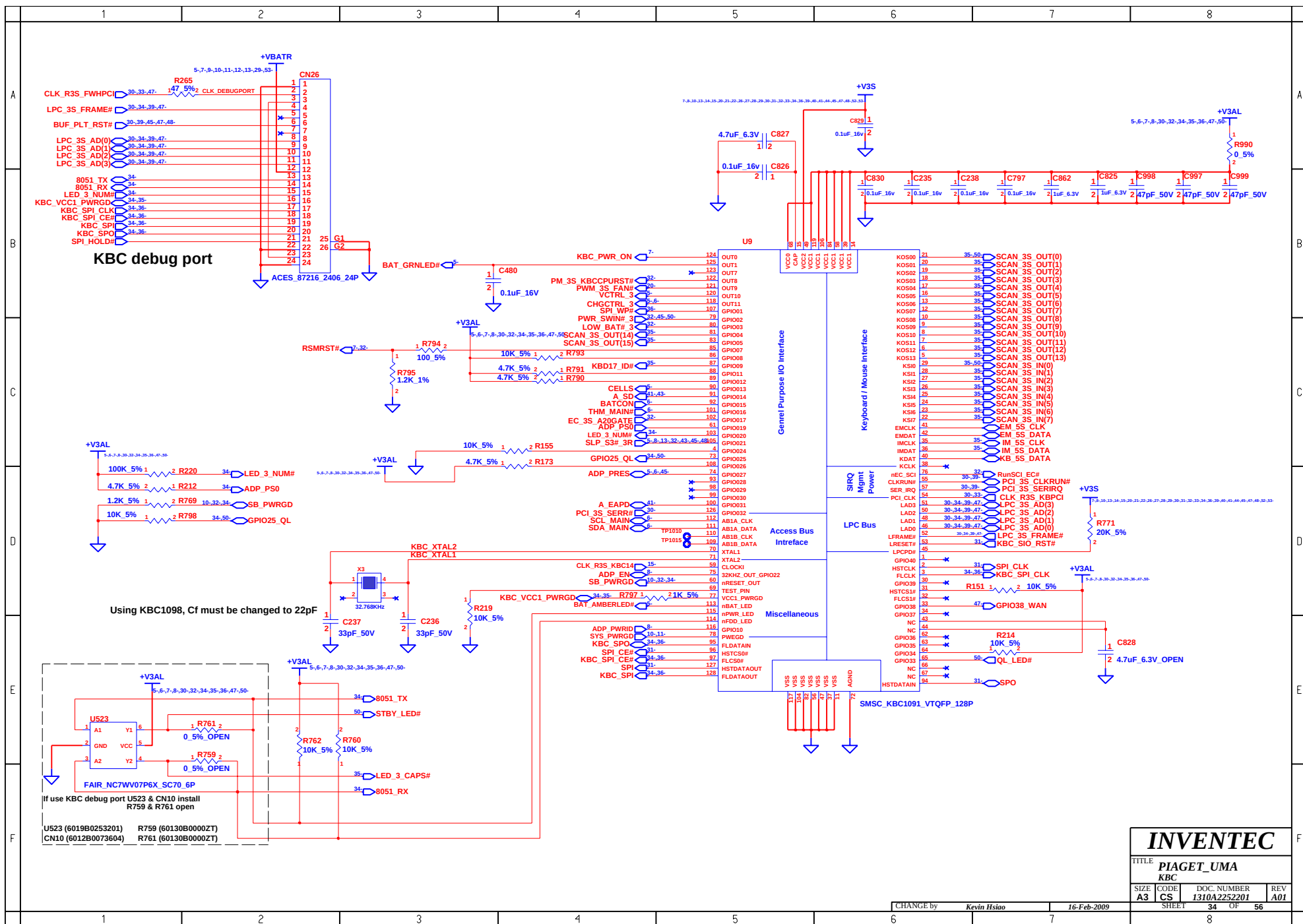
SIZE A3	CODE CS	DOC. NUMBER 1310A225201	REV A01
-------------------	-------------------	-----------------------------------	-------------------

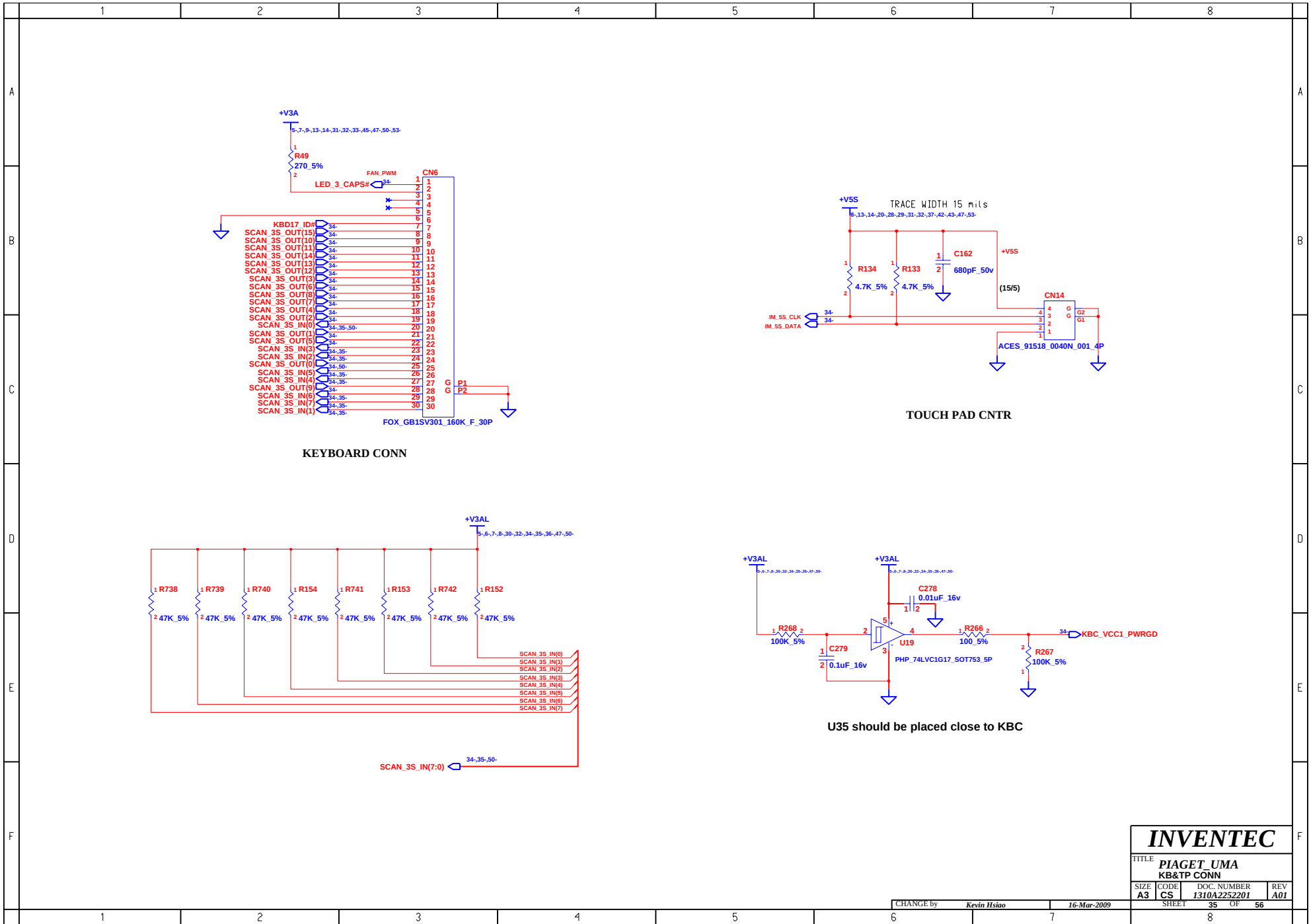
SHEET 30 OF 56

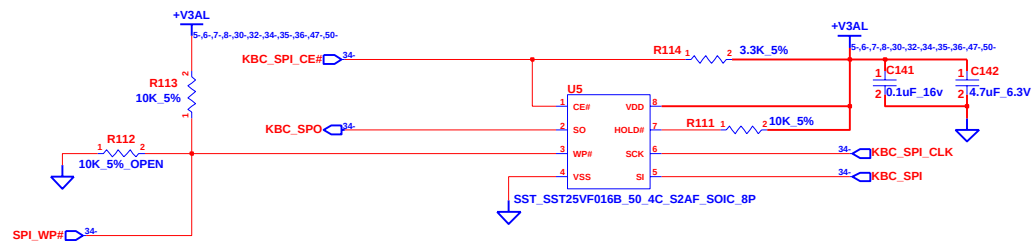
CHANGE by Kevin Hsiao 17-Mar-2009



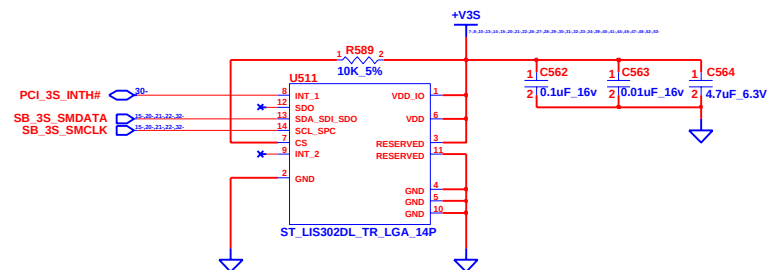








SPI Flash



Accelerometer

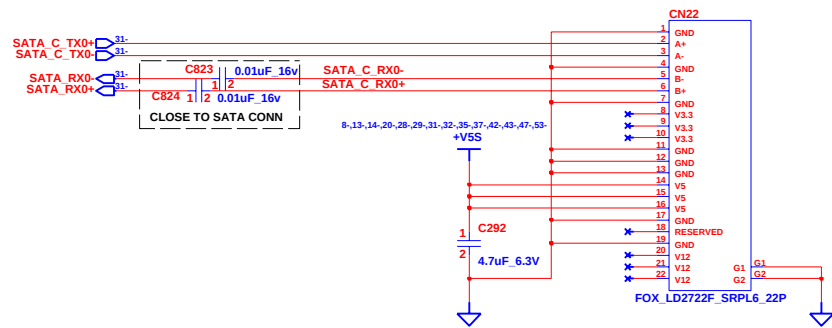
INVENTEC

TITLE
PIAGET_UMA
SPI & ACCELEROMETER

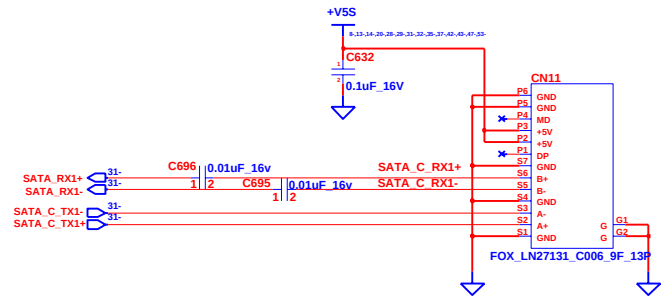
SIZE CODE DOC. NUMBER REV
A3 CS 1310A2252201 A01

CHANGE by **Kevin Hsiao** 15-Feb-2009

SHEET **36** OF **56**

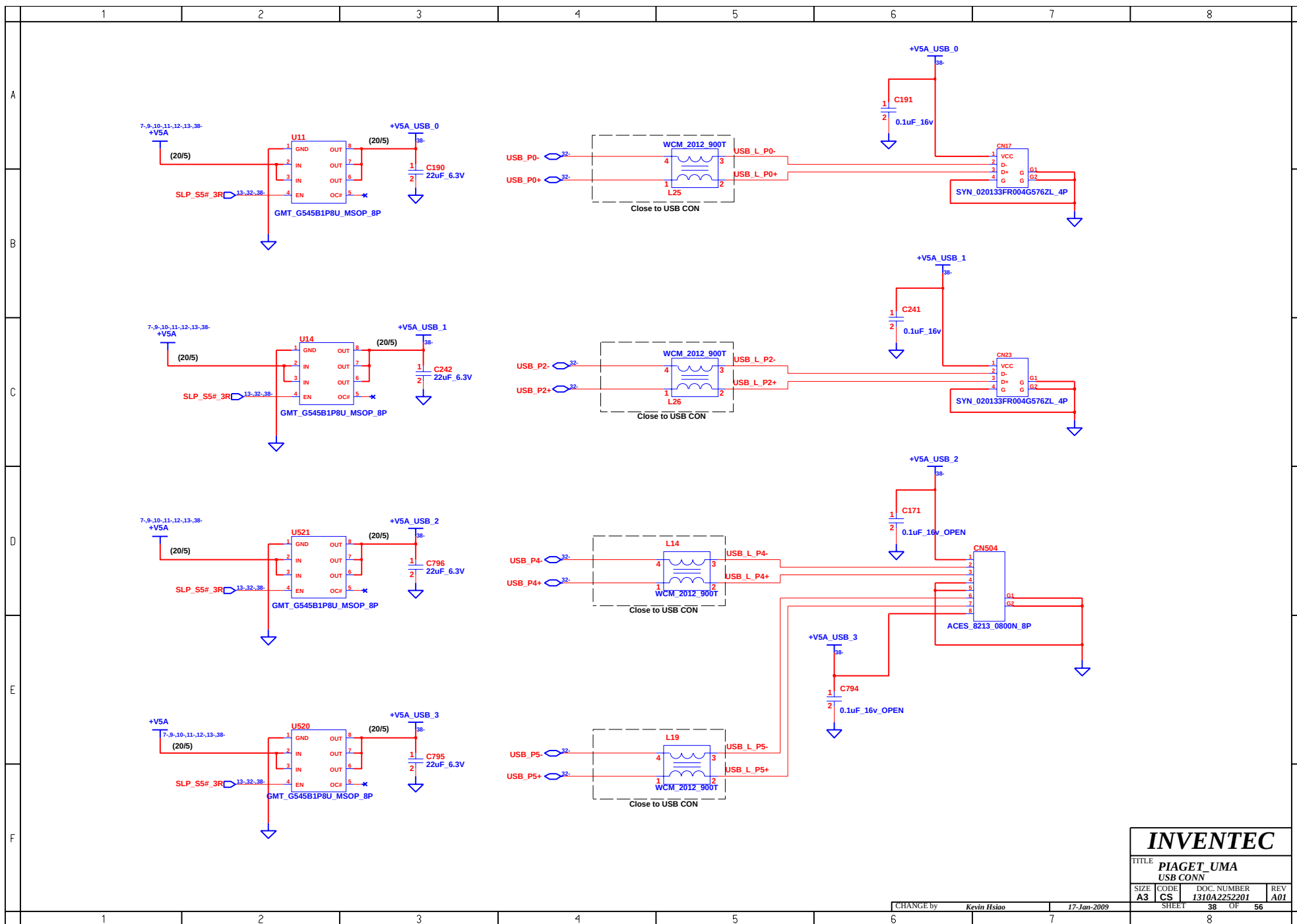


HDD CONNECTOR

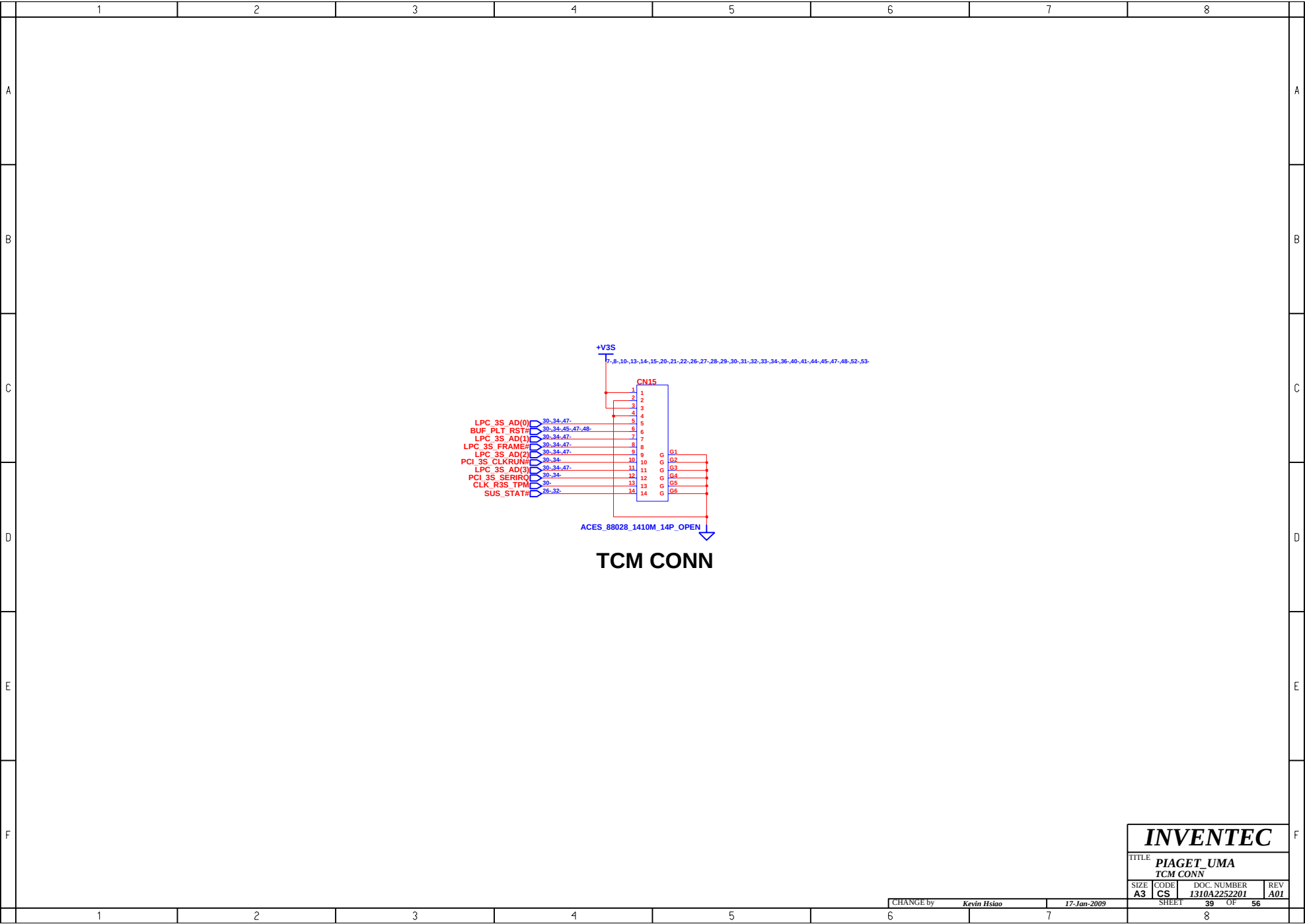


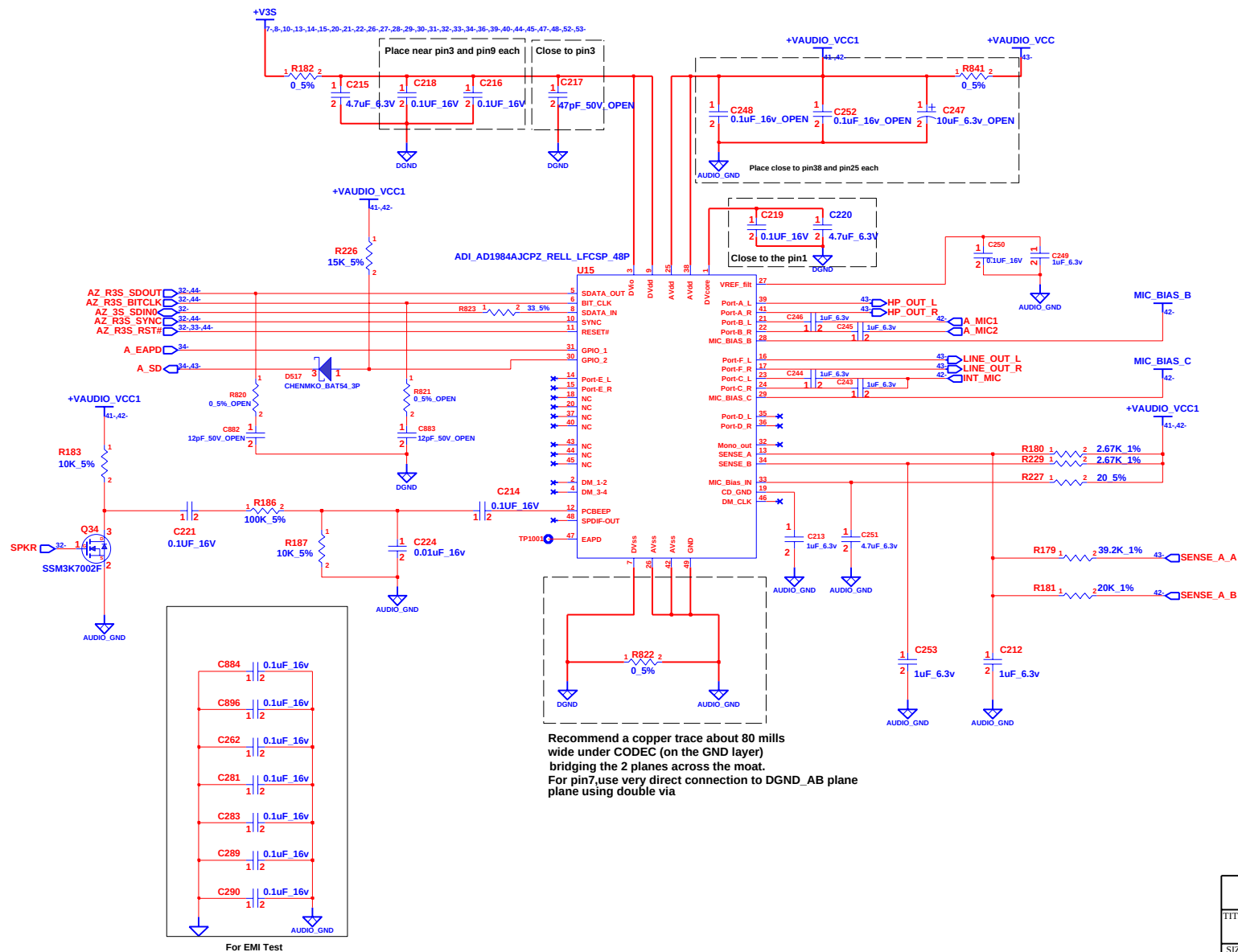
ODD SATA CONNECTOR

INVENTEC			
TITLE PIAGET_UMA HDD & ODD CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		3-Mar-2009	
SHEET		37	OF 56



INVENTEC			
TITLE PIAGET_UMA USB CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		17-Jan-2009	
SHEET 38		OF 56	



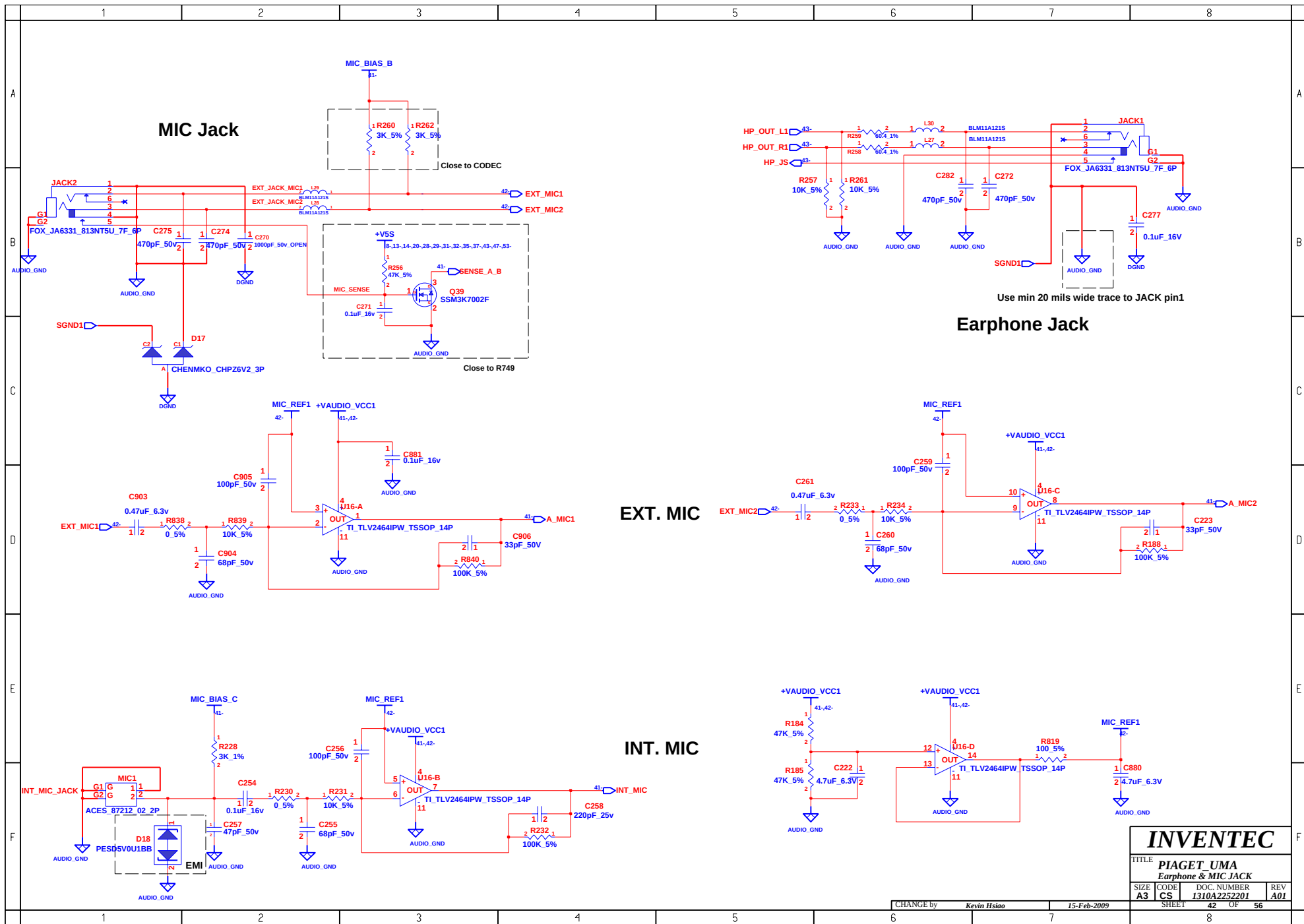


INVENTEC

TITLE PIAGET_UMA AZALIA CODEC			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01

CHANGE by Kevin Hsiao 23-Feb-2009

SHEET 41 OF 56

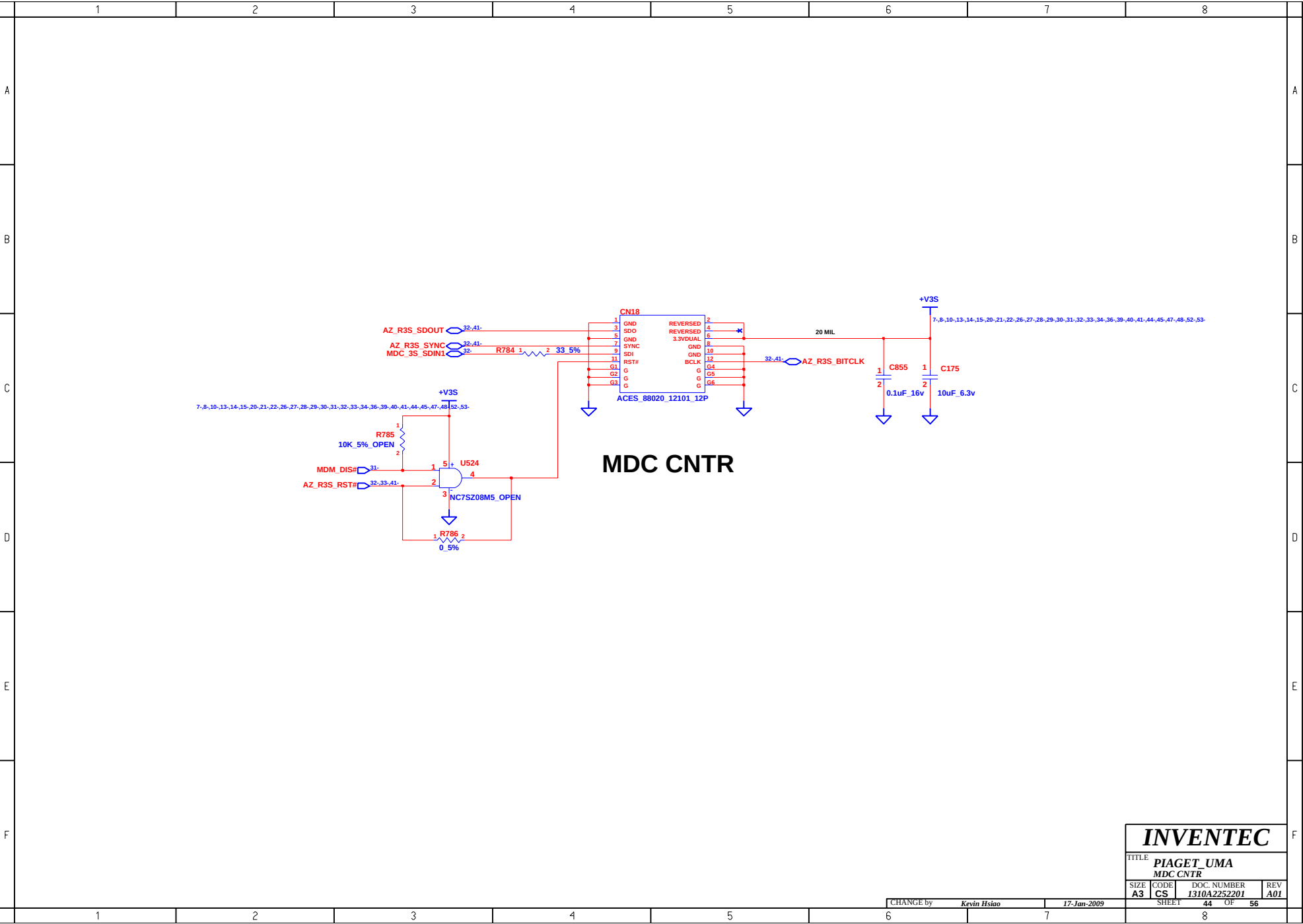


INVENTEC

TITLE			
PIAGET_UMA			
Earphone & MIC JACK			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2252201	A01

CHANGE by Kevin Hsiao 15-Feb-2009

SHEET 42 OF 56



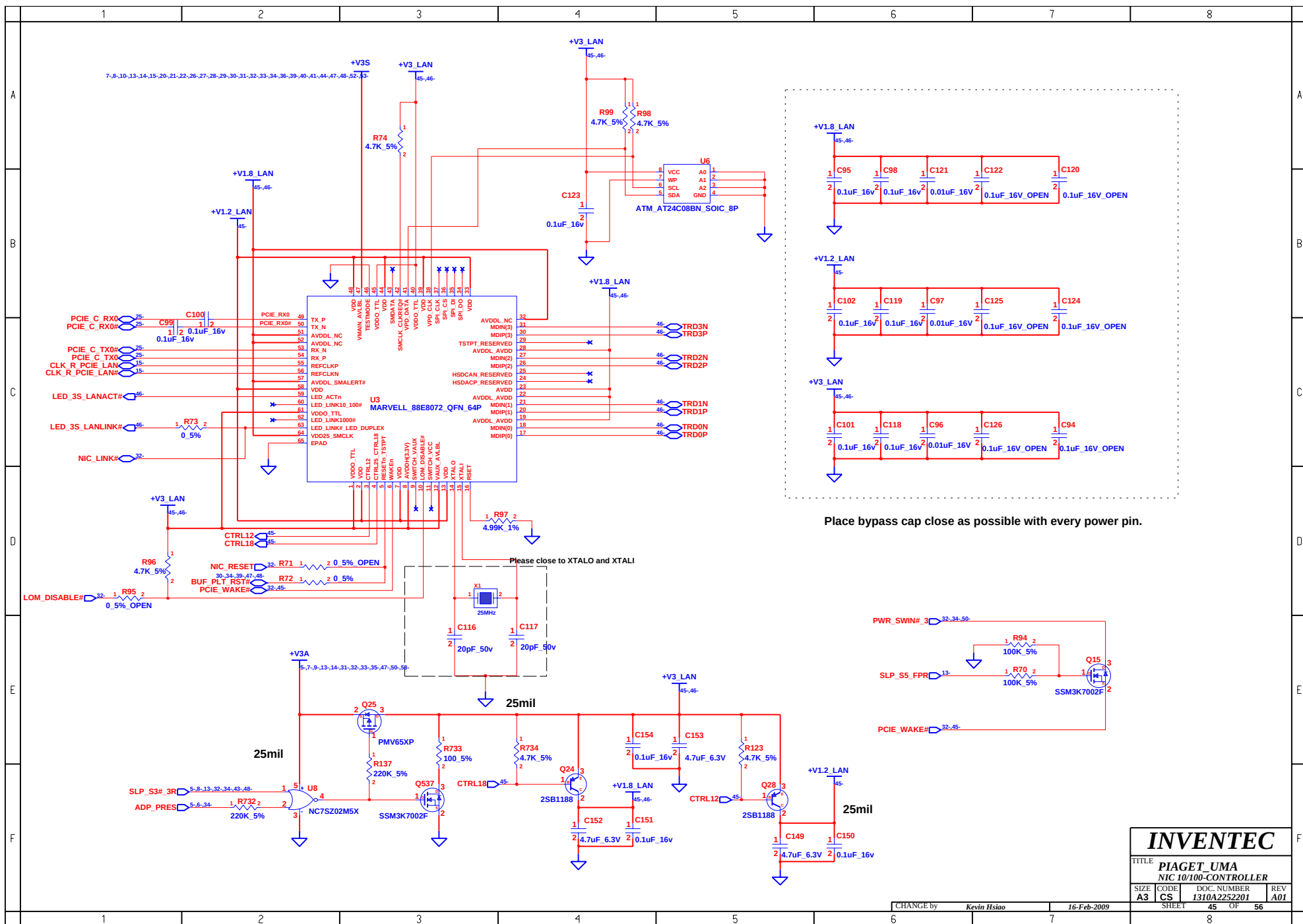
INVENTEC

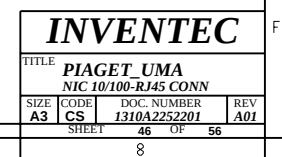
TITLE
PIAGET_UMA
MDC_CNTR

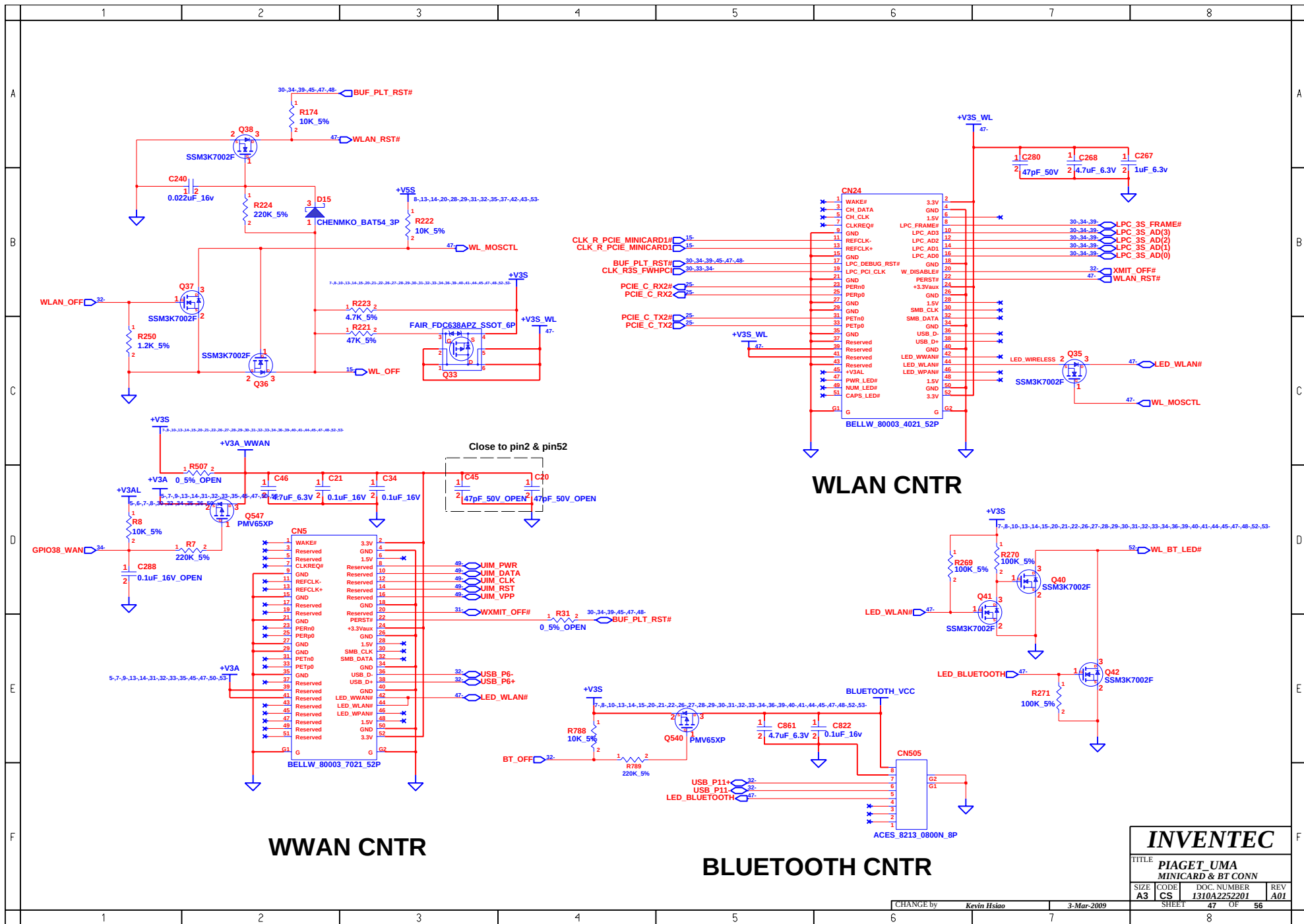
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310AZ252201	A01

CHANGE by Kevin Hsiao 17-Jan-2009

SHEET 44 OF 56







WLAN_CNTR

WWAN_CNTR

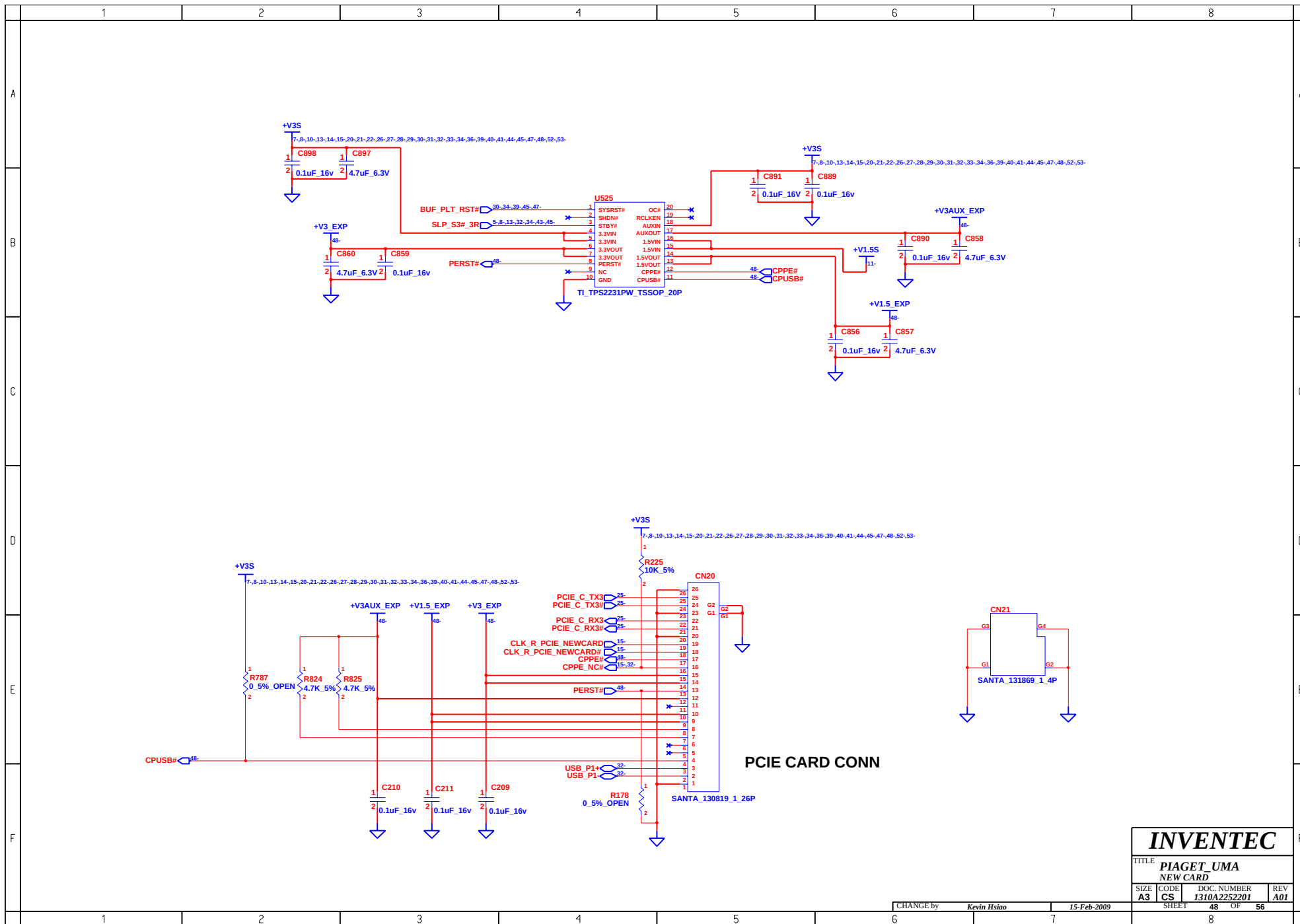
BLUETOOTH_CNTR

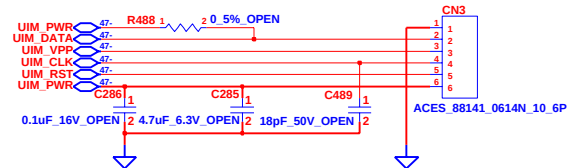
INVENTEC

TITLE PIAGET_UMA MINICARD & BT CONN			
SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01

CHANGE by	Kevin Hsiao	3-Mar-2009
-----------	-------------	------------

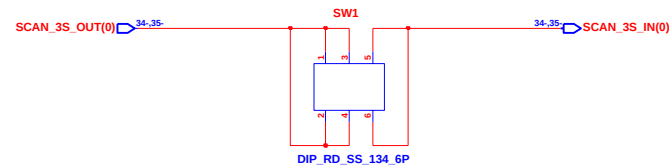
SHEET	47	OF	56
-------	----	----	----



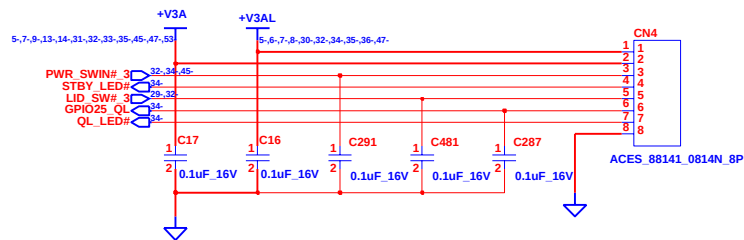


SIM Card daughter board connector MB SIDE

INVENTEC			
TITLE PIAGET_UMA SIM CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		3-Mar-2009	
SHEET		49	OF 56

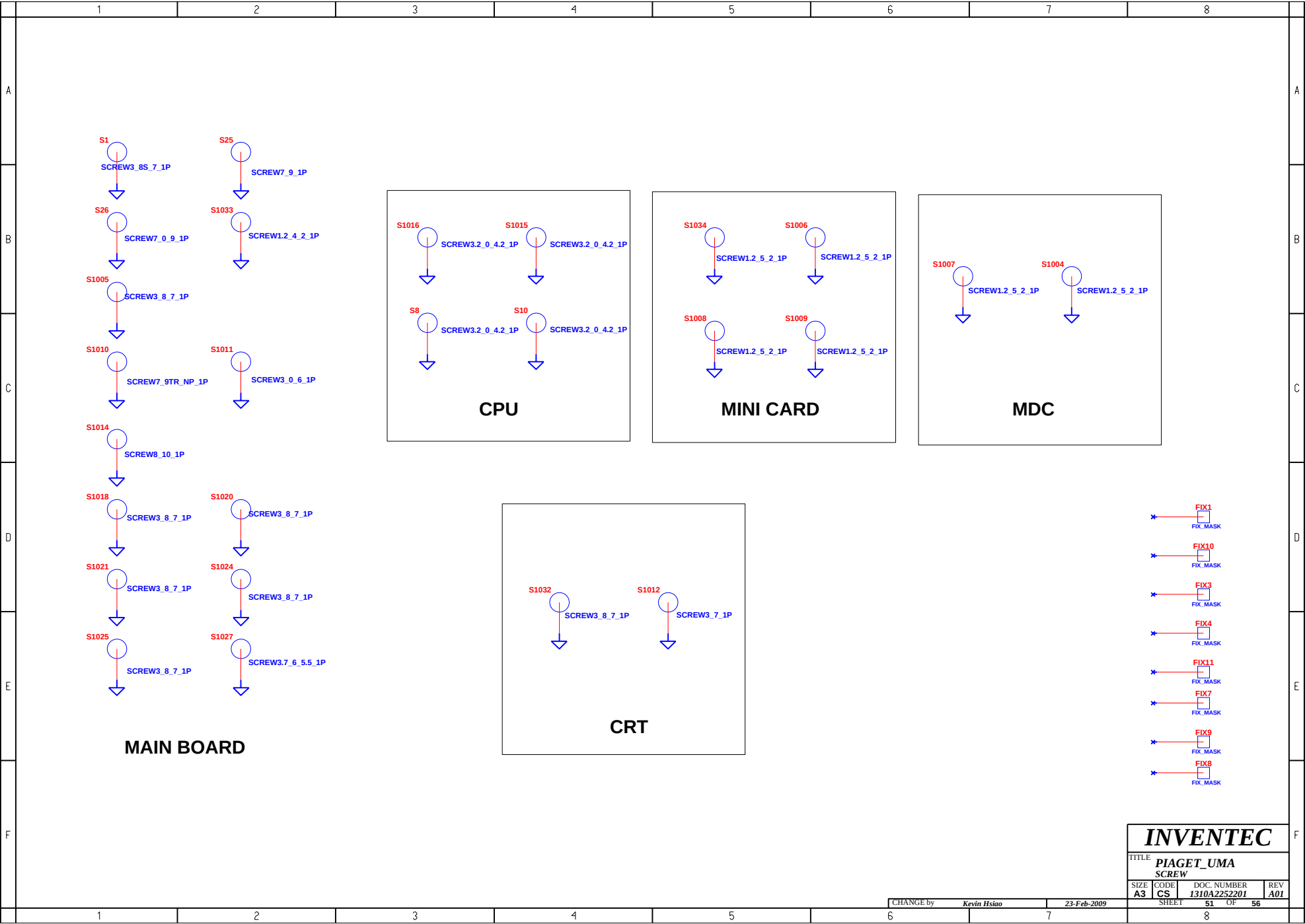


Wireless Button



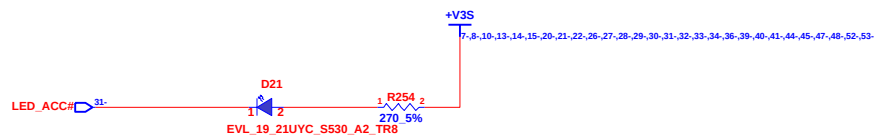
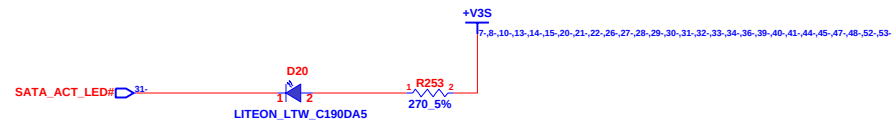
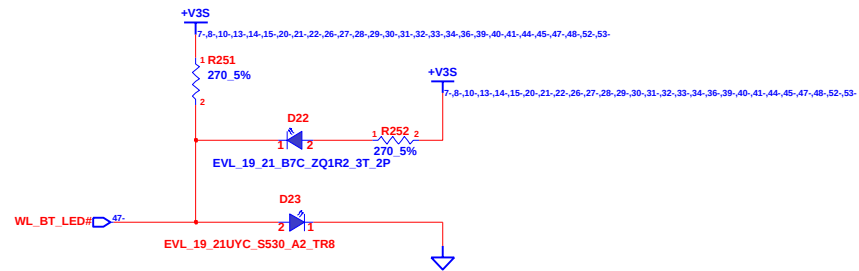
SWITCH Board & LED Board CONN

INVENTEC			
TITLE PIAGET_UMA			
W/B & SW/B & LED/B Conn			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		23-Feb-2009	
SHEET 50		OF 56	

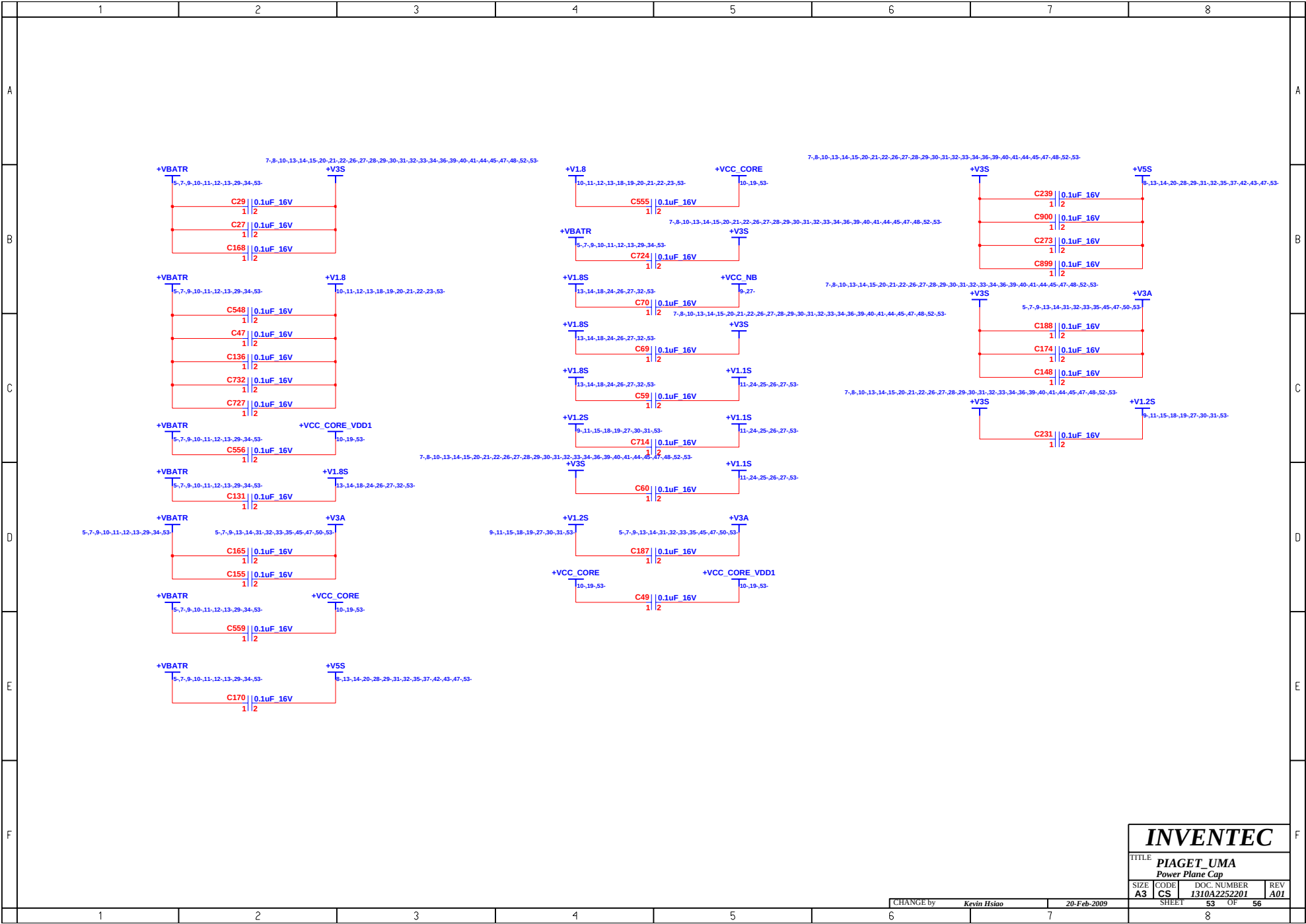


INVENTEC

TITLE PIAGET_UMA SCREW			
SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01



INVENTEC			
TITLE PIAGET_UMA LED			
SIZE A3	CODE CS	DOC. NUMBER I310A2252201	REV A01
SHEET 52 OF 56			



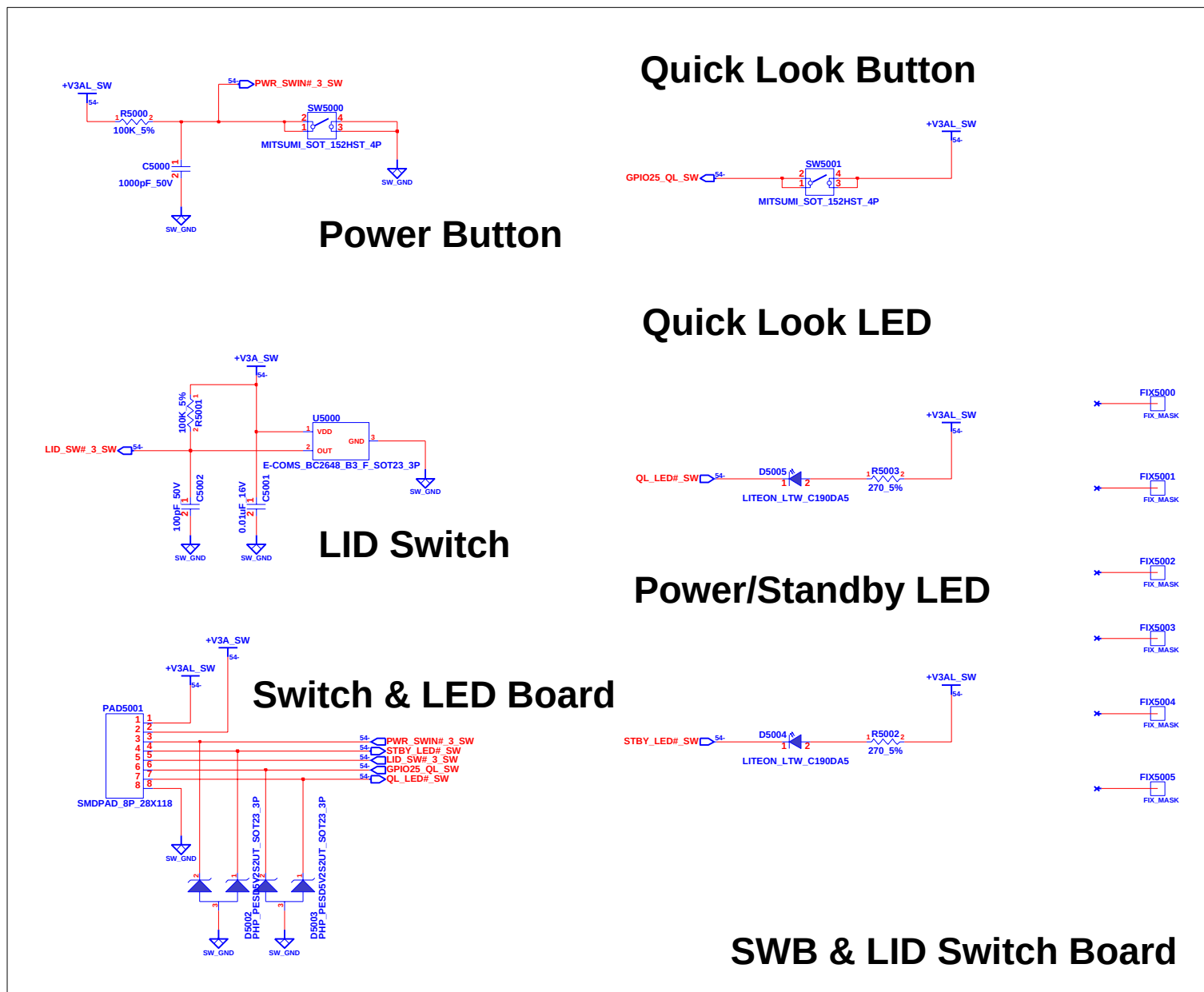
INVENTEC

TITLE
PIAGET_UMA
Power Plane Cap

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2252201	A01

CHANGE by Kevin Hsiao 20-Feb-2009

SHEET 53 OF 56



Quick Look Button

Power Button

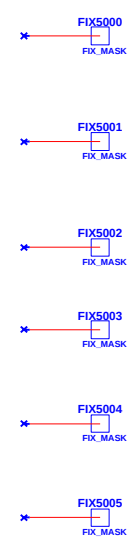
Quick Look LED

LID Switch

Power/Standby LED

Switch & LED Board

SWB & LID Switch Board



INVENTEC			
TITLE PIAGET_UMA SWB & LID Switch			
SIZE A3	CODE CS	DOC. NUMBER 1310A2252201	REV A01
CHANGE by Kevin Hsiao		17-Mar-2009	
SHEET 54		OF 56	

