

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

DDD UMA

SI Build(Final)

2007.03.30

DATE

CHANGE NO.

REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC
DESIGN					
CHECK					
RESPONSIBLE					
SIZE = 3 VER :					TITLE
FILE NAME : XXXX-XXXXXX-XX					DDD UMA
P/N	XXXXXXXXXXXX				SIZE CODE
					A3 CS
					DOC. NUMBER
					Model No
					REV
					AX1
					SHEET 1 OF 48

TABLE OF CONTENTS

PAGE

5- DC& BATTERY CHARGER
 6- SELECT & BATTERY CONN
 7- SYSTEM POWER(3V/5V)
 8- SYSTEM POWER(+V1.8/+V1.25S)
 9- SYSTEM POWER(+VGFX/+VCCP)
 10- SYSTEM POWER(+V1.5S)
 11- CPU POWER(VCC_CORE)
 12- DDR TERMINATION VOLTAGE
 13- POWER(SLEEP)
 14- POWER(SEQUENCE)

PAGE

15- CLOCK_GENERATOR
 16- PENRYN-1
 17- PENRYN-2
 18- PENRYN-3
 19- THERMAL&FAN CONTROLLER
 20- Crestline-1
 21- Crestline-2
 22- Crestline-3
 23- Crestline-4
 24- Crestline-5
 25- Crestline-6
 26- DDR2-DIMM0
 27- DDR2-DIMM1
 28- DDR2-DAMPING
 29- VGA CONN
 30- LCM CONN
 31- ICH8-1
 32- ICH8-2
 33- ICH8-3
 34- ICH8-4
 35- ICH8-5

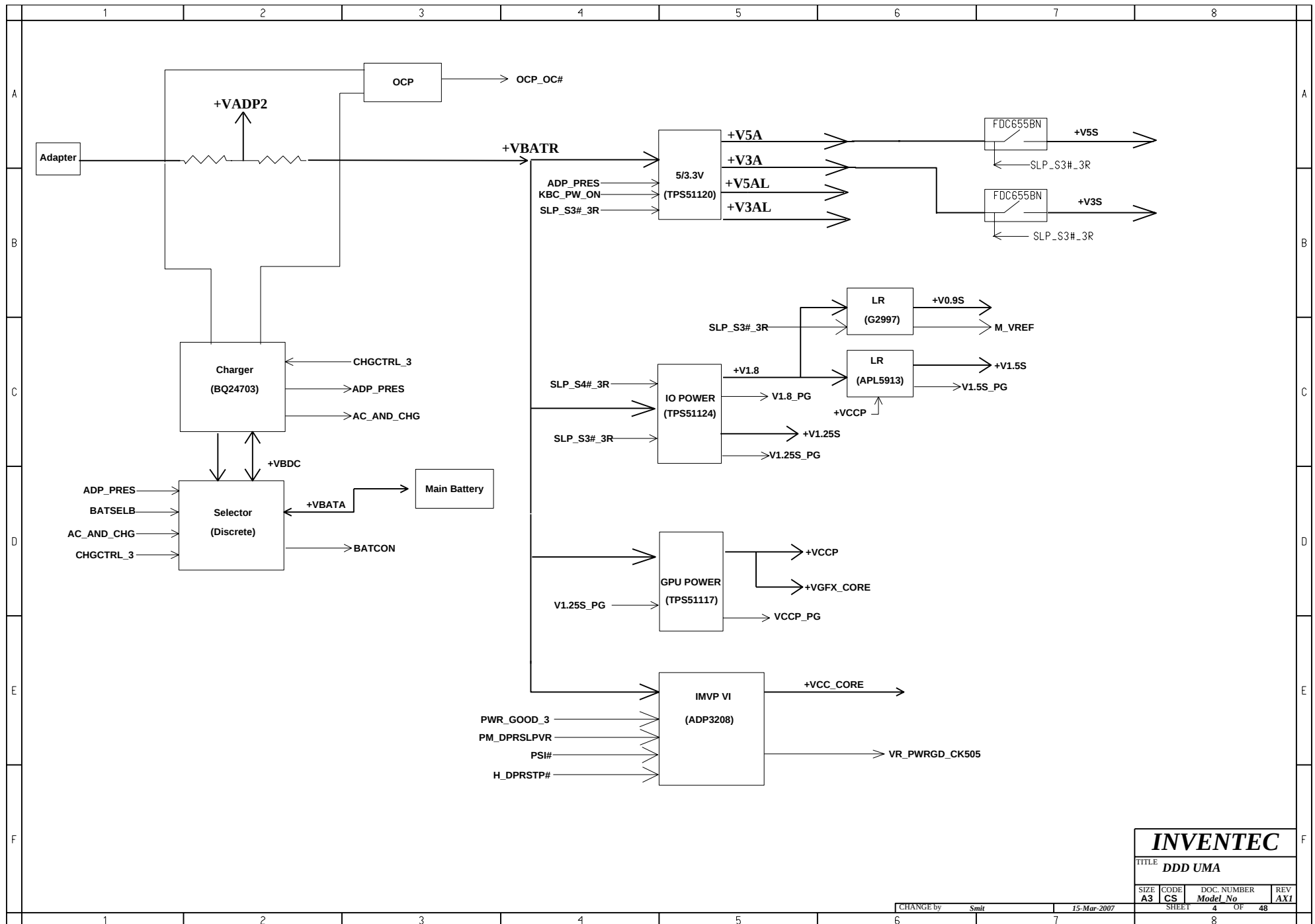
PAGE

36- SYSTEM BIOS&ODD EXTEND/B
 37- HDD&ODD CONN
 38- USB CONN
 39- KBC
 40- KB&TP CONN
 41- AUDIO CODEC
 42- MDC CONN & AUDIO JACK
 43- NIC 10/100- CONTROLLER
 44- NIC 10/100- RJ45 CONN
 45- MINICARD & BT CONN
 46- NEW CARD & SD/MMC
 47- LED & BUTTON
 48- SCREW HOLE

INVENTECTITLE
DDD UMA

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
-------------------	-------------------	--------------------------------	-------------------

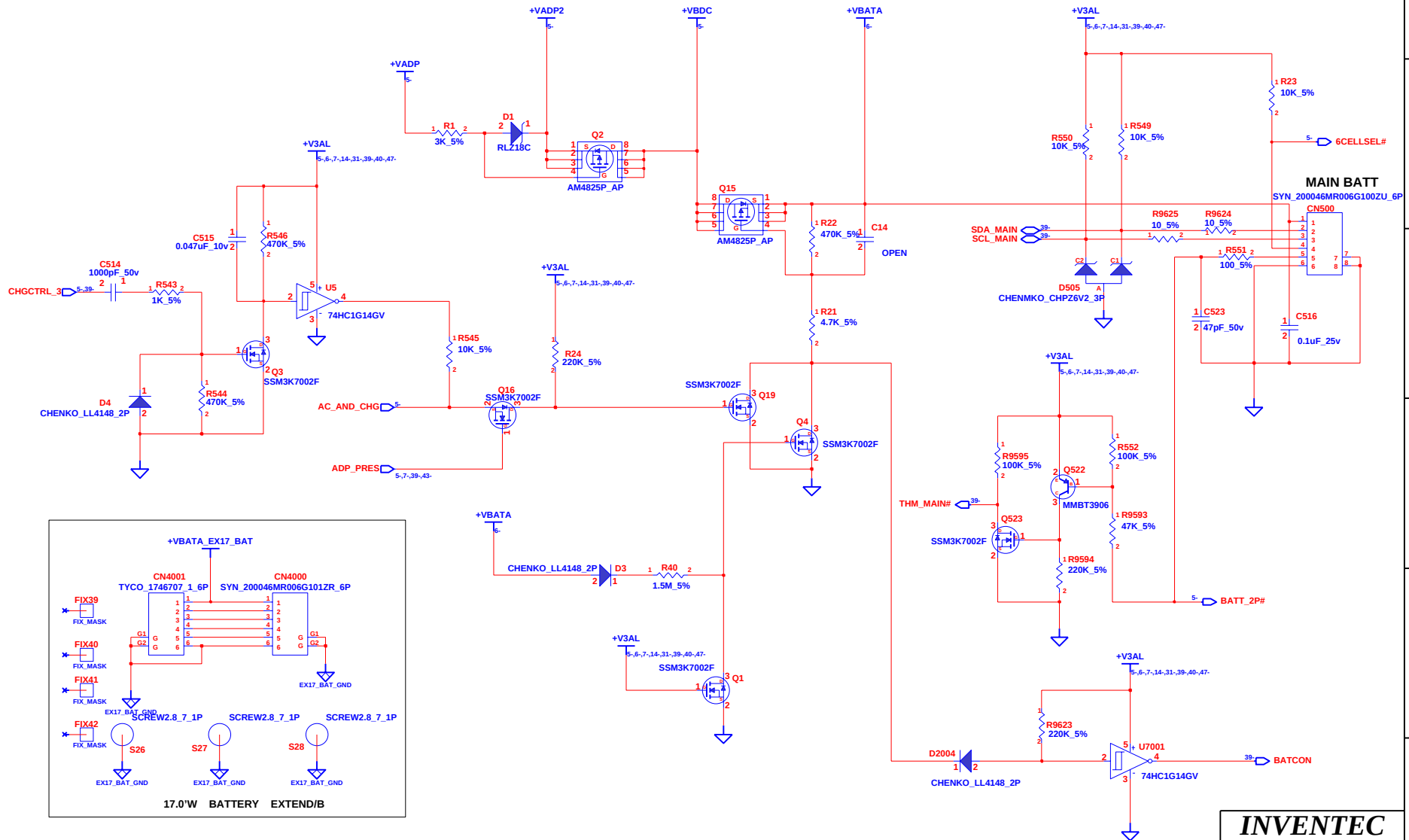
CHANGE by *Smit* 23-Mar-2007SHEET **2** OF **48**

**INVENTEC**TITLE
DDD UMA

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 4 OF 48

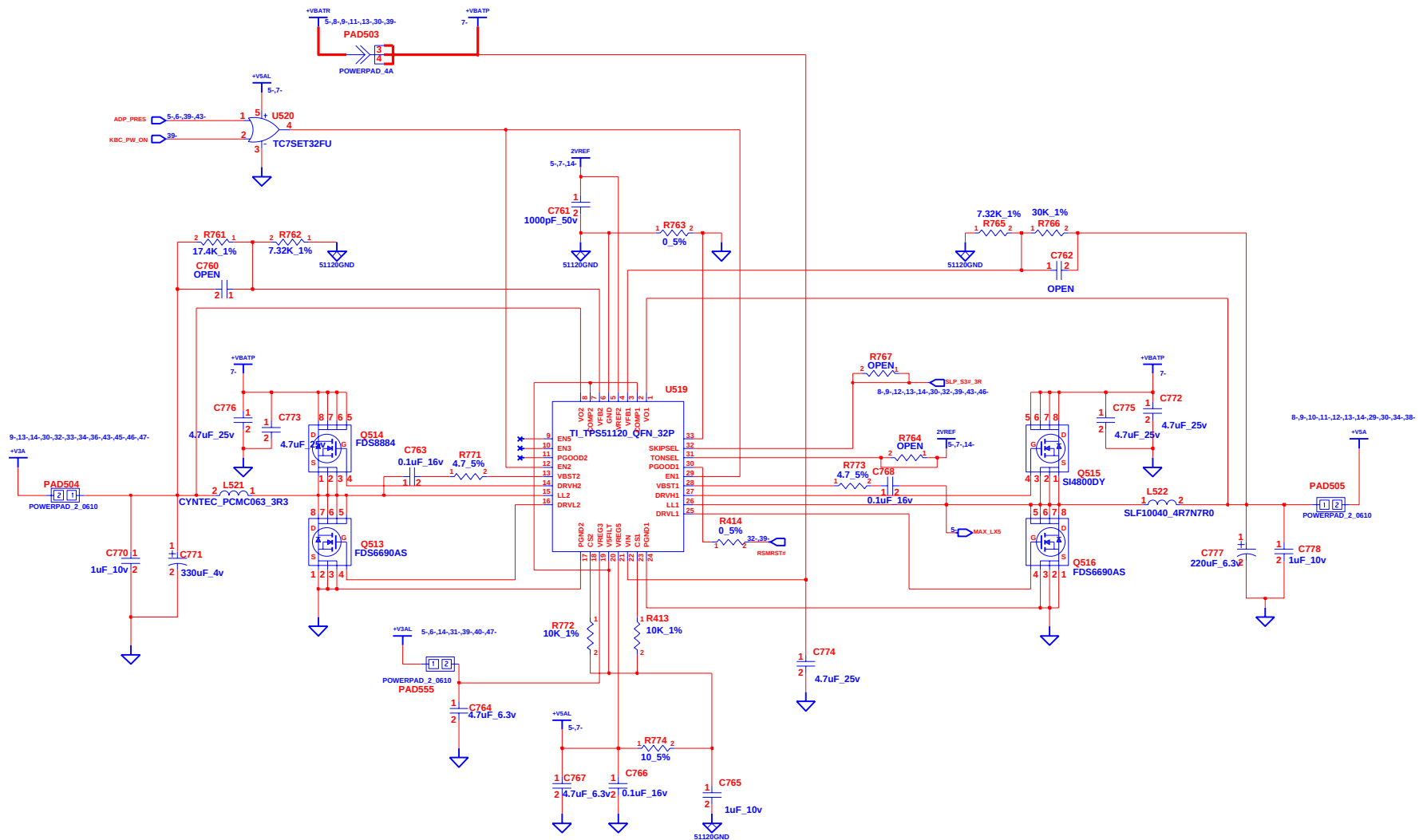


INVENTEC

TITLE			
DDD UMA			
SELECT & BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 21-Mar-2007

SHEET 6 OF 48



INVENTEC

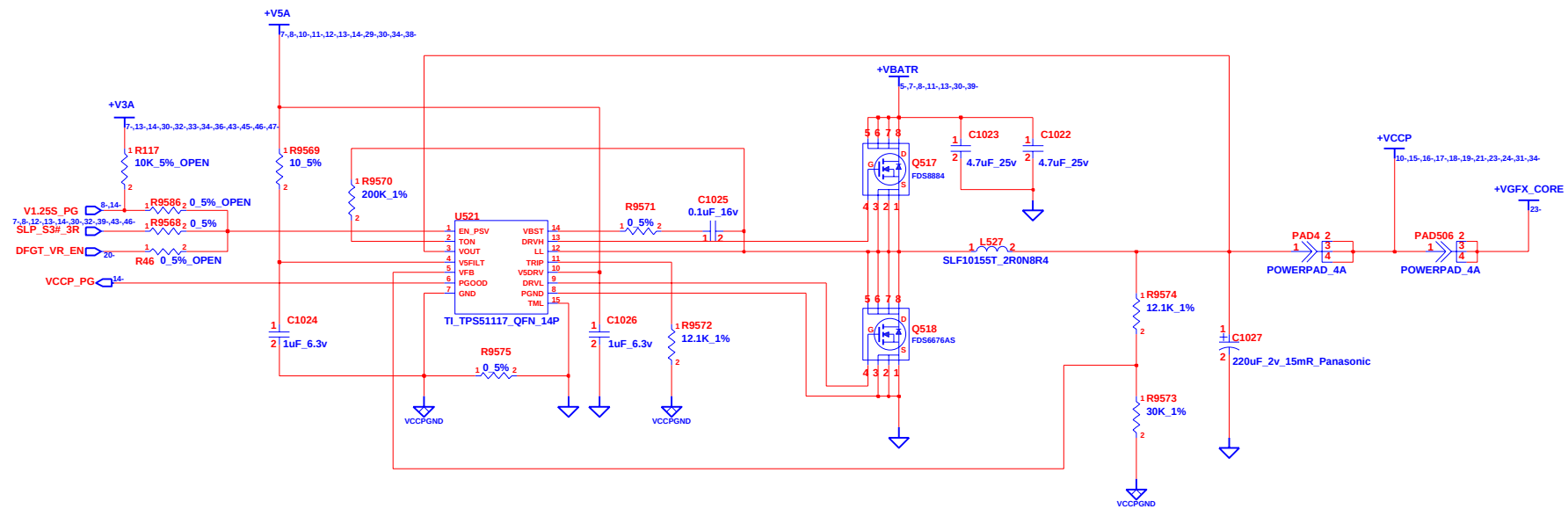
TITLE			
DDD UMA			
SYSTEM POWER(3V/5V/12V)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AXI

CHANGE by Smit 29-Mar-2007

SHEET 7 OF 48

TITLE			
DDD UMA SYSTEM POWER(+V1.8/+V1.25S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	AX1
SHEET		8	OF 48

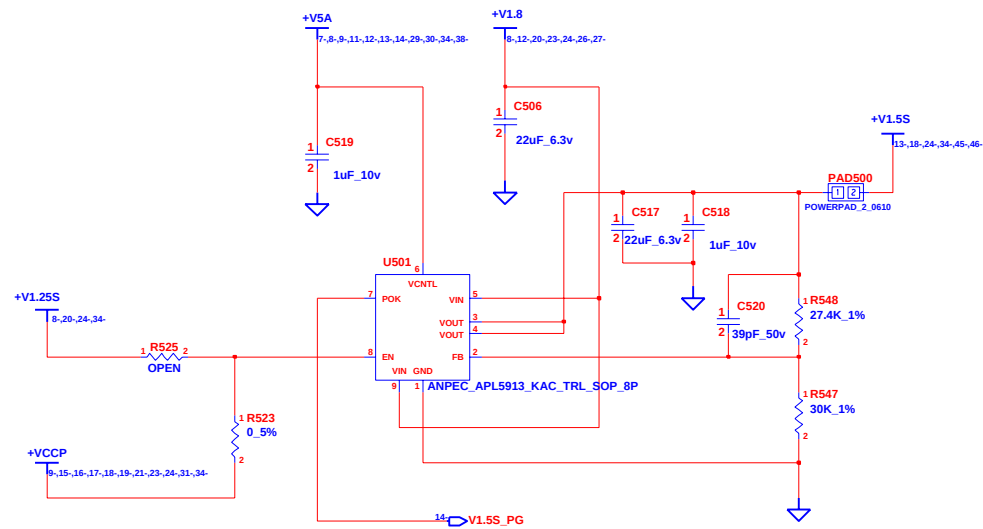
CHANGE by	<i>Smit</i>	19-Mar-2007
-----------	-------------	-------------



INVENTEC			
TITLE DDD UMA			
GRAPHIC POWER (+VGFX_CORE)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1

CHANGE by Smit 15-Mar-2007

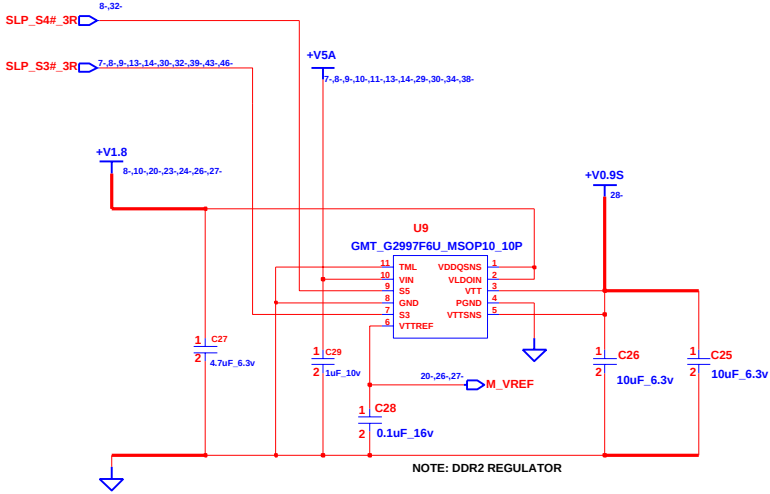
SHEET 9 OF 48

**INVENTEC**

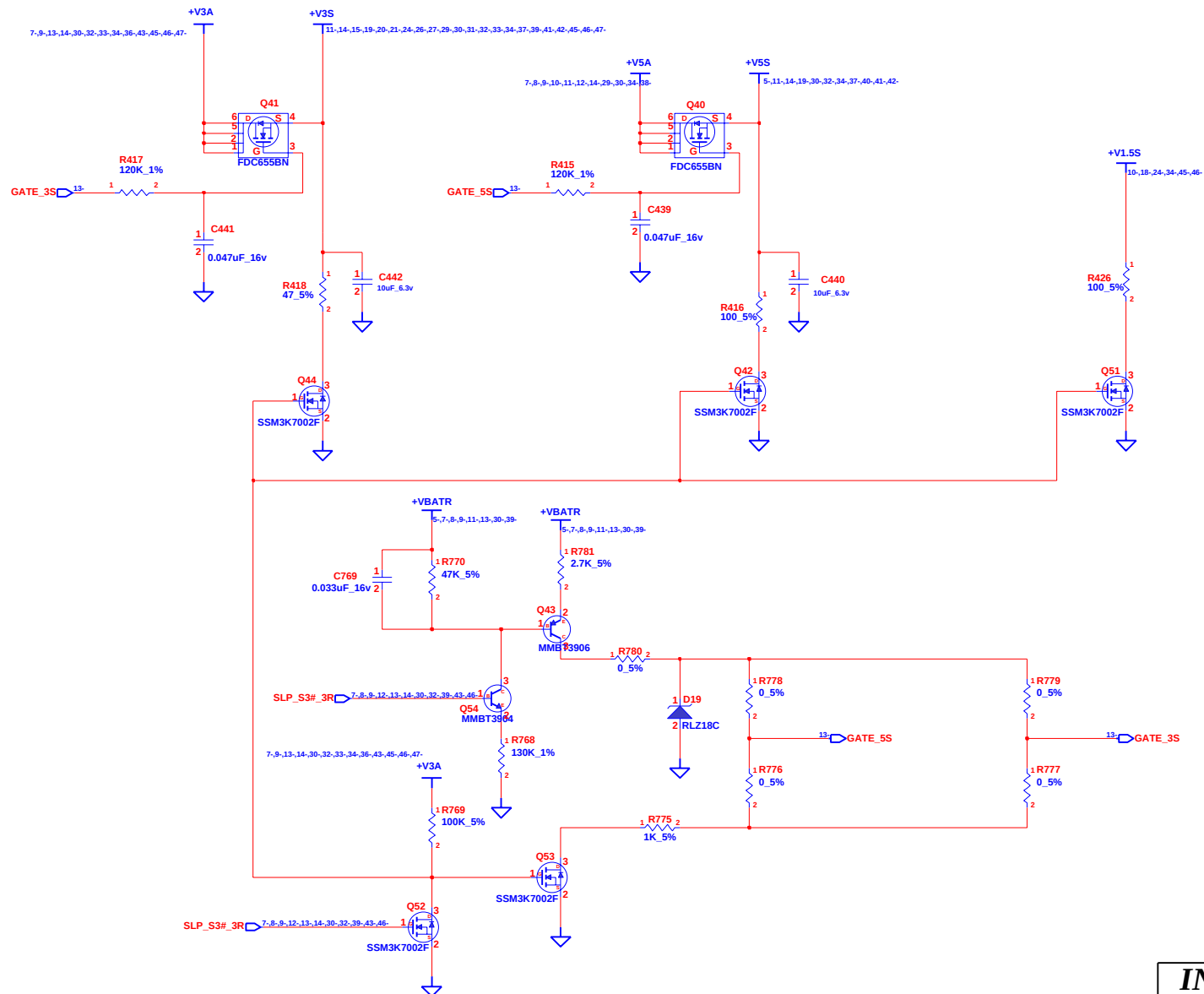
TITLE			
DDD UMA			
SYSTEM POWER(+VCCP/+V1.5S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 10 OF 48



INVENTEC			
TITLE DDD UMA DDR TERMINATION VOLTAGE			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by Smit		15-Mar-2007	SHEET 12 OF 48

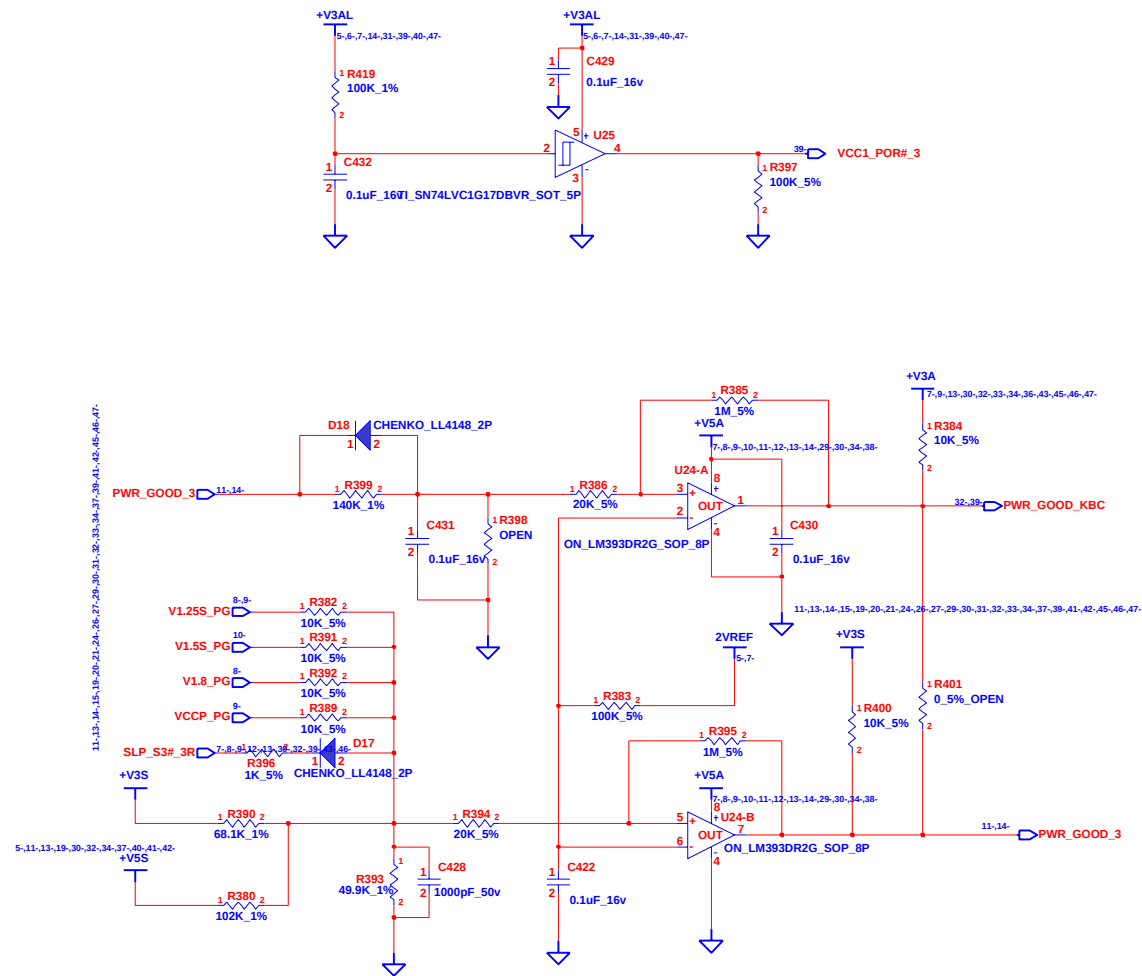


INVENTEC

TITLE			
DDD UMA			
POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 13 OF 48

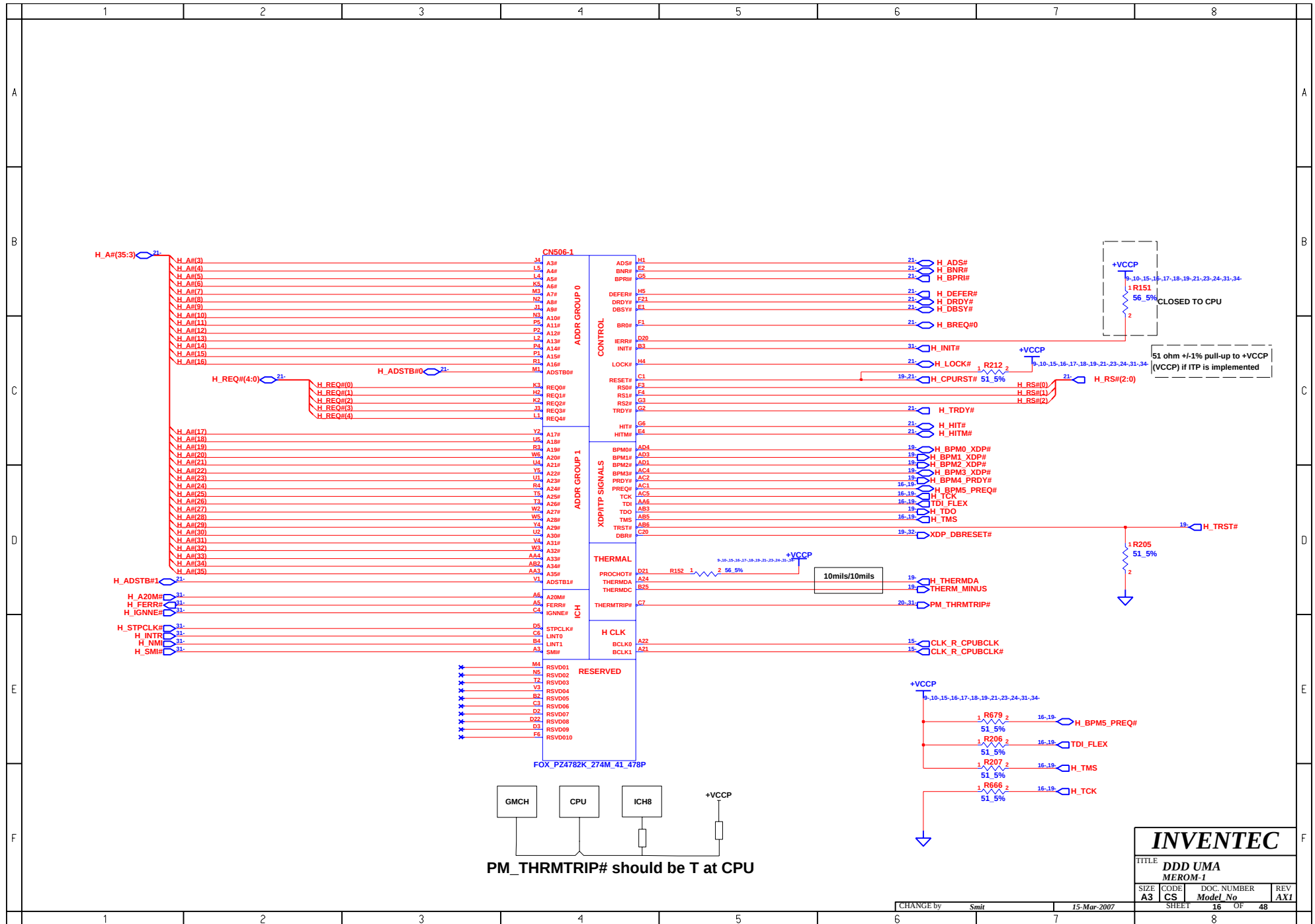


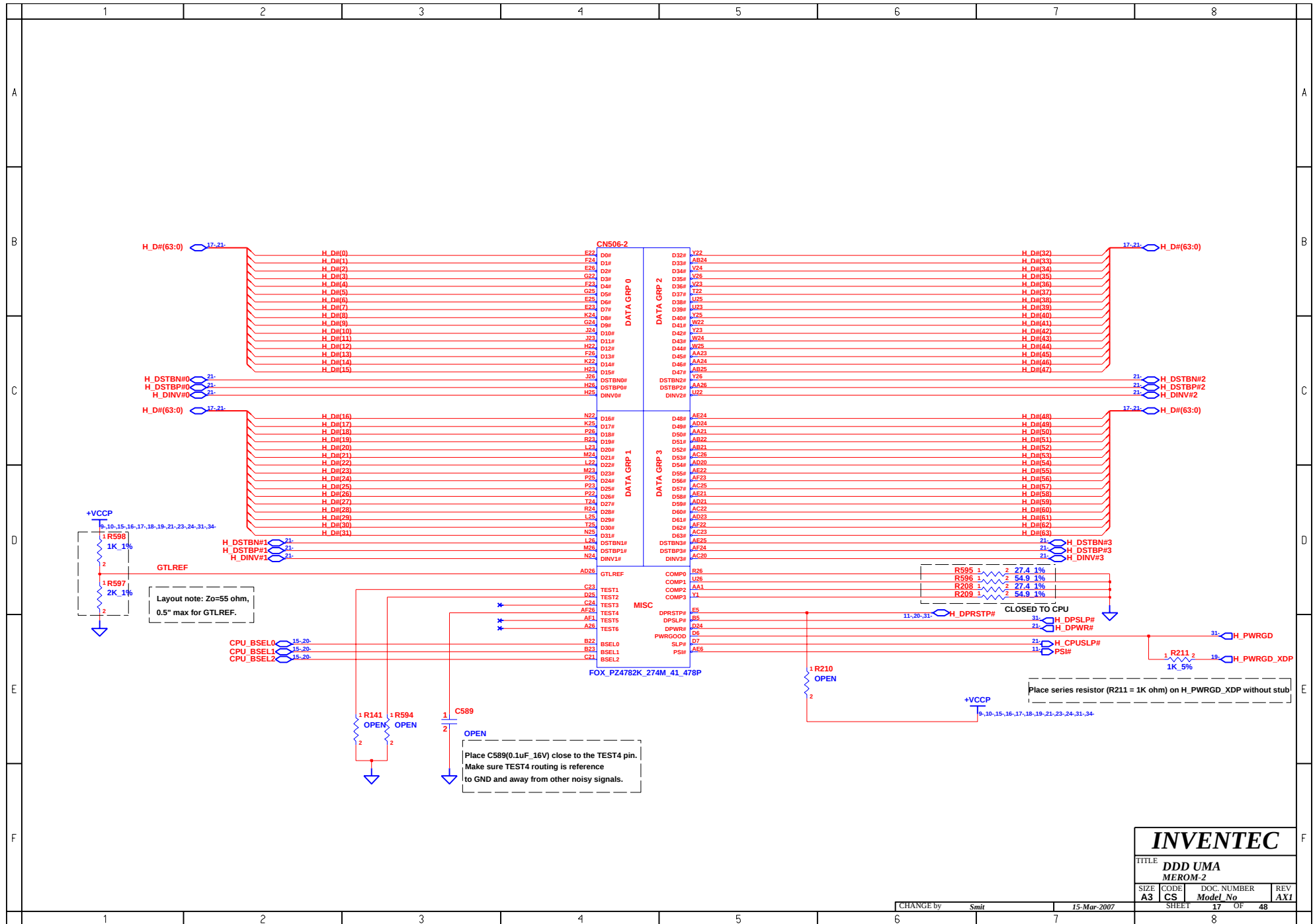
INVENTEC

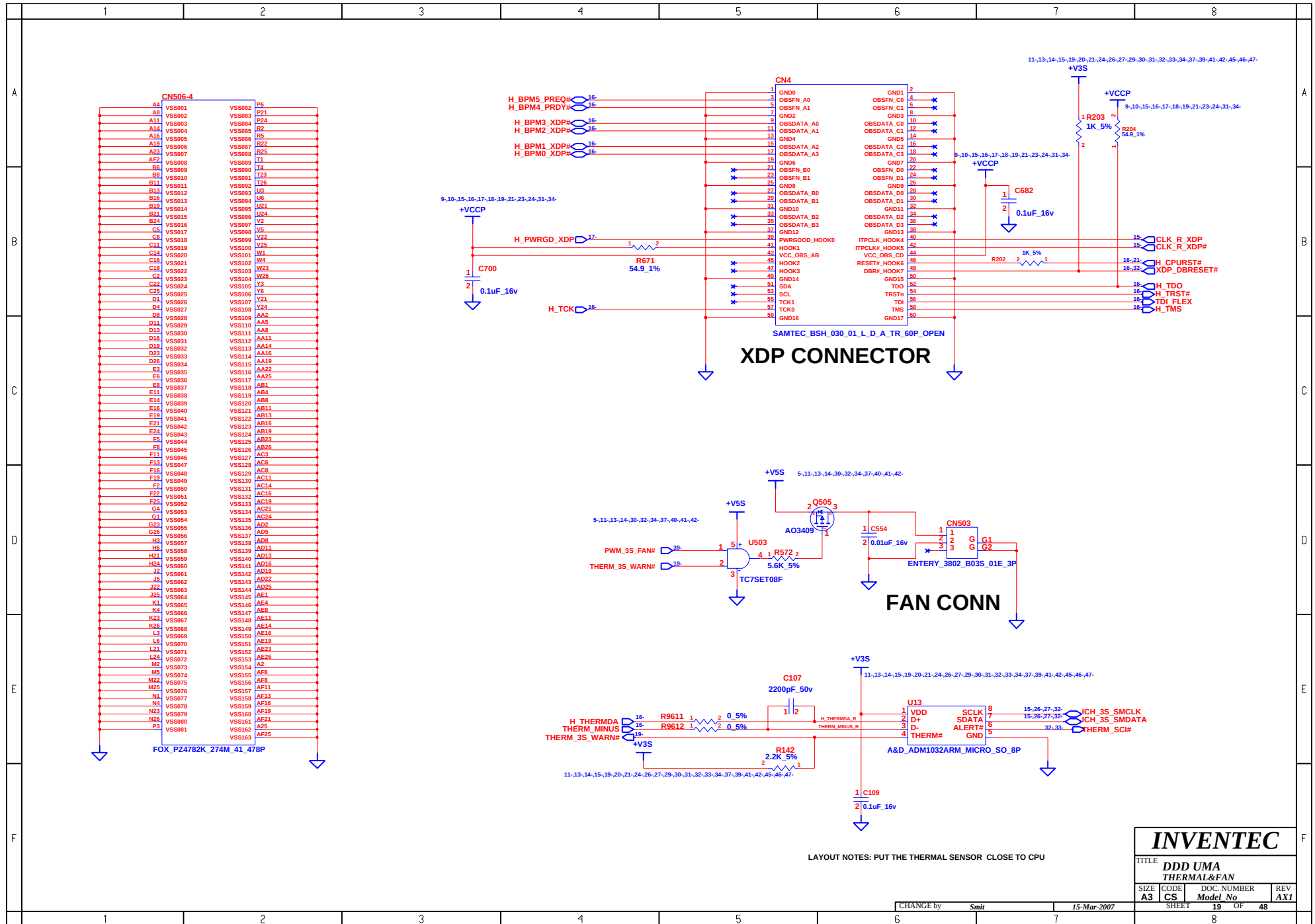
TITLE			
DDD UMA			
POWER(SEQUENCE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

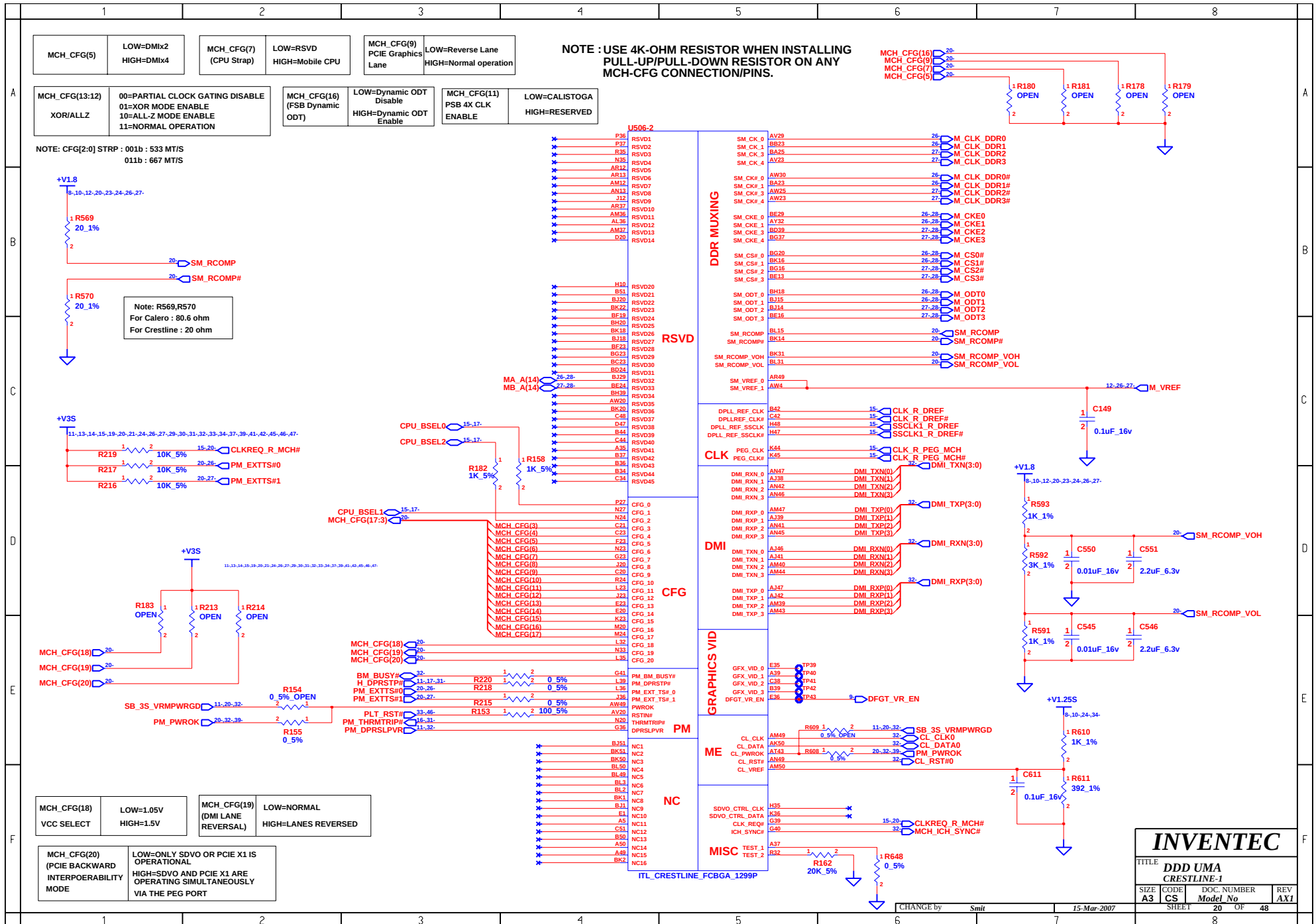
CHANGE by Smit 15-Mar-2007

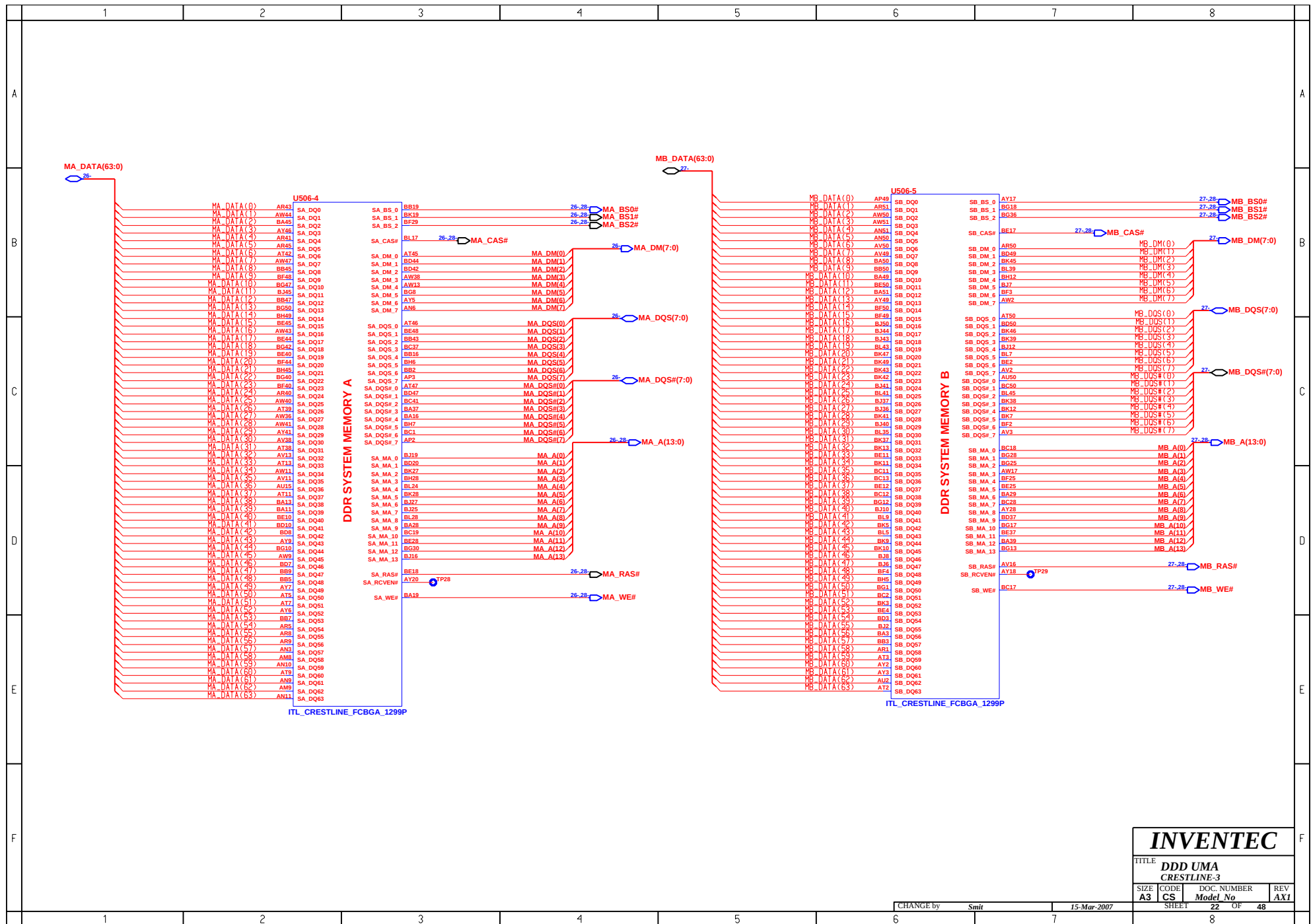
SHEET 14 OF 48





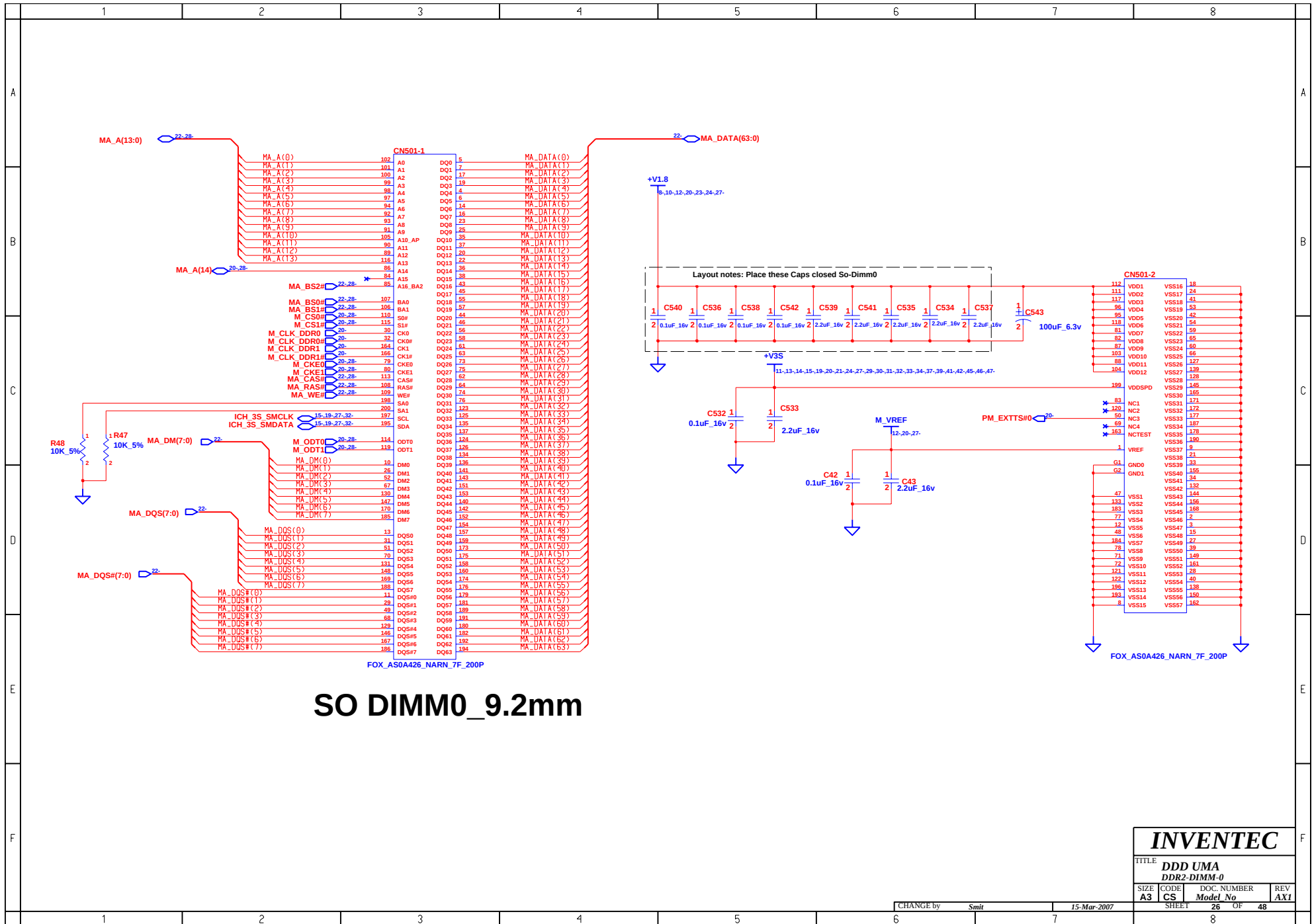


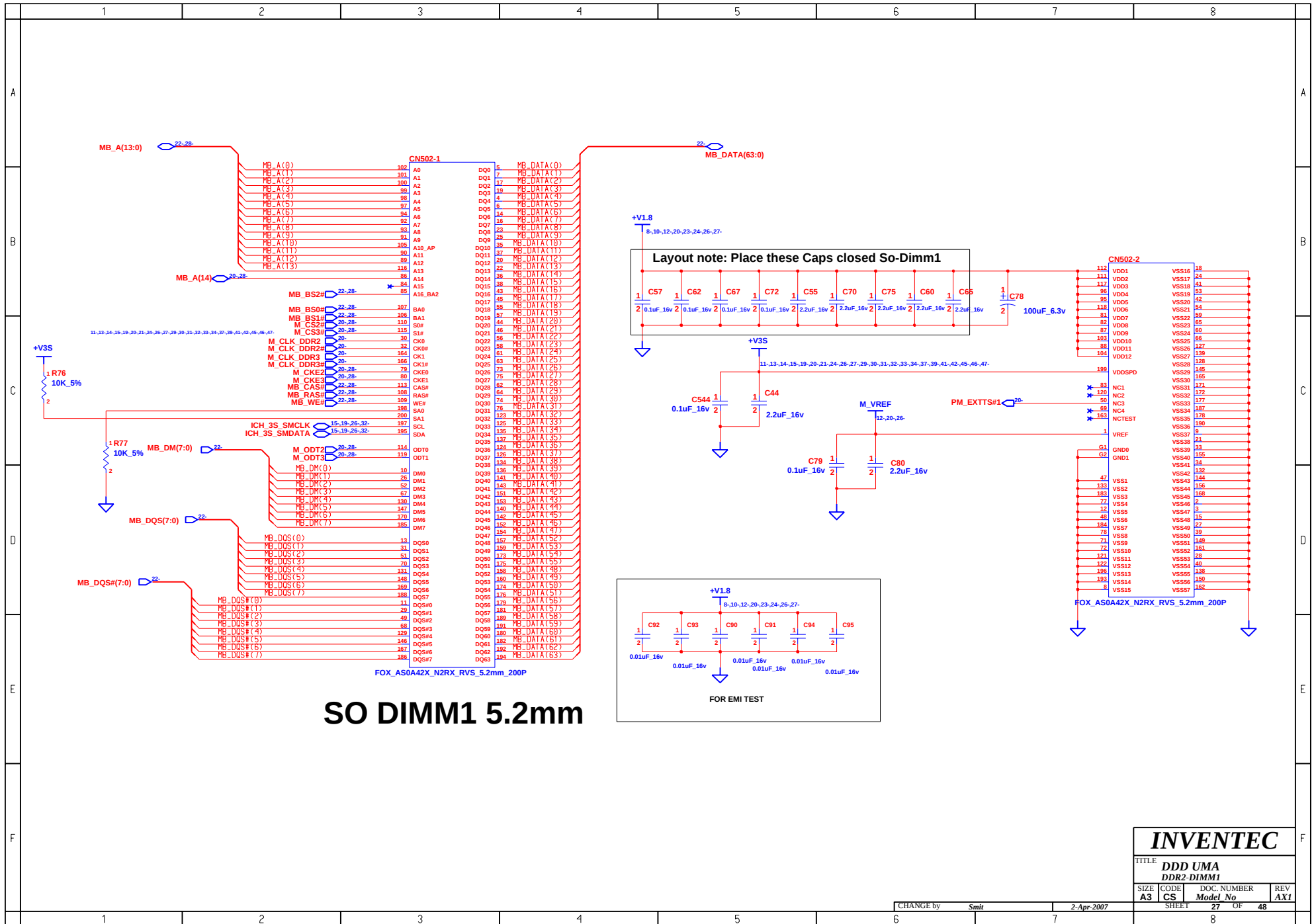


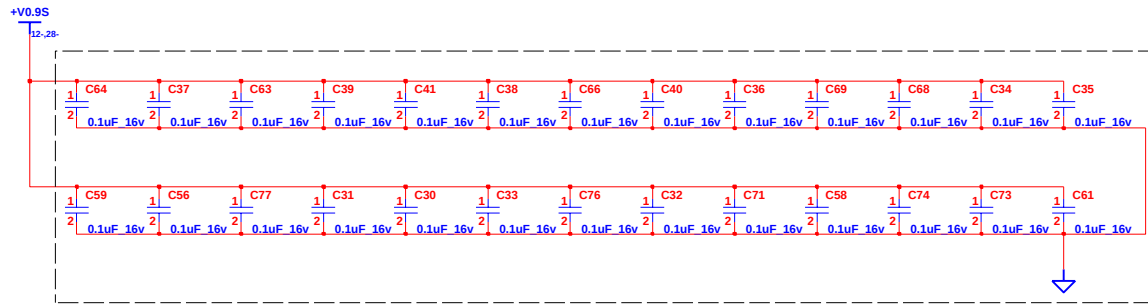


INVENTEC

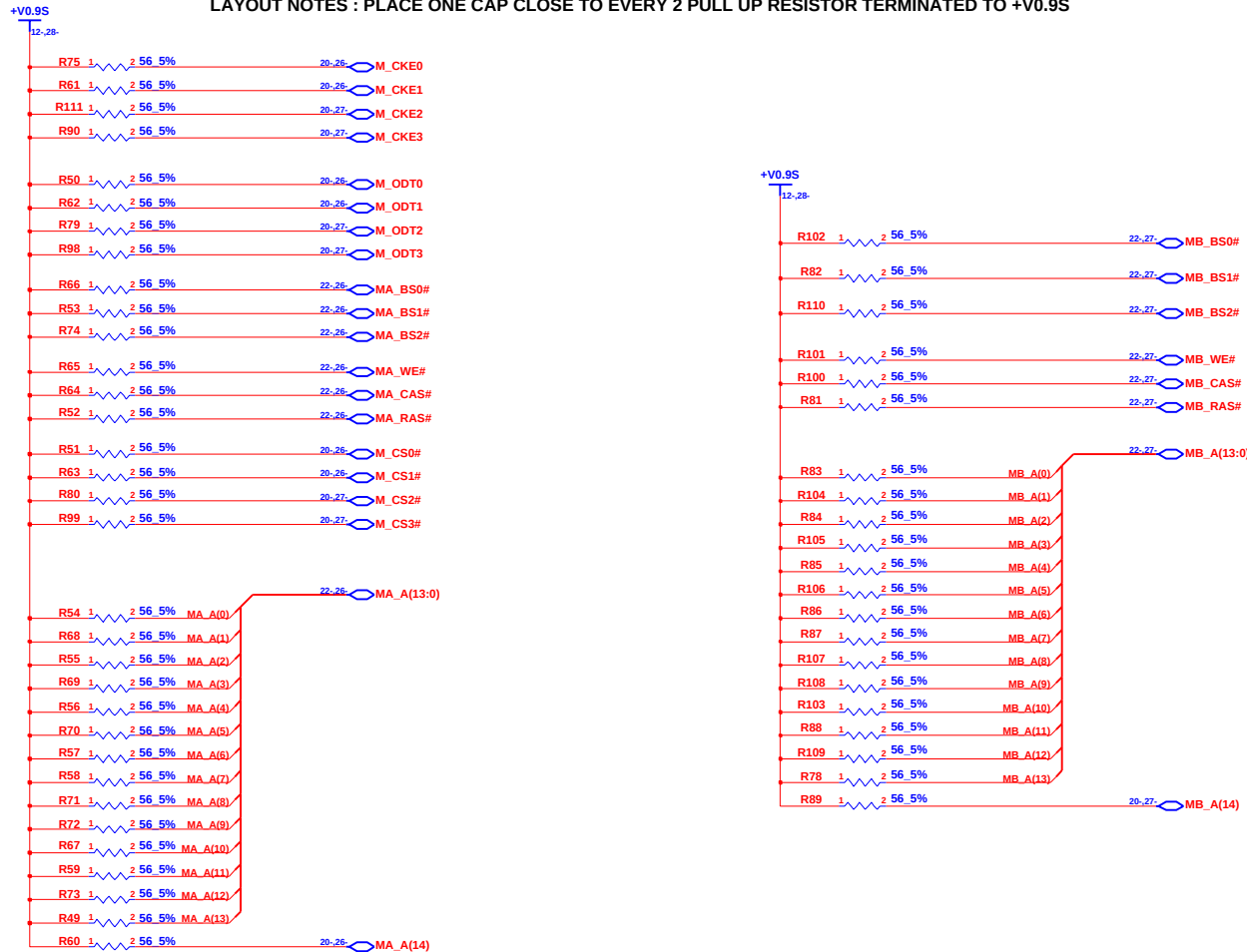
TITLE			
DDD UMA			
CRESTLINE-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
CHANGE by		Smit	15-Mar-2007
SHEET		22	OF 48







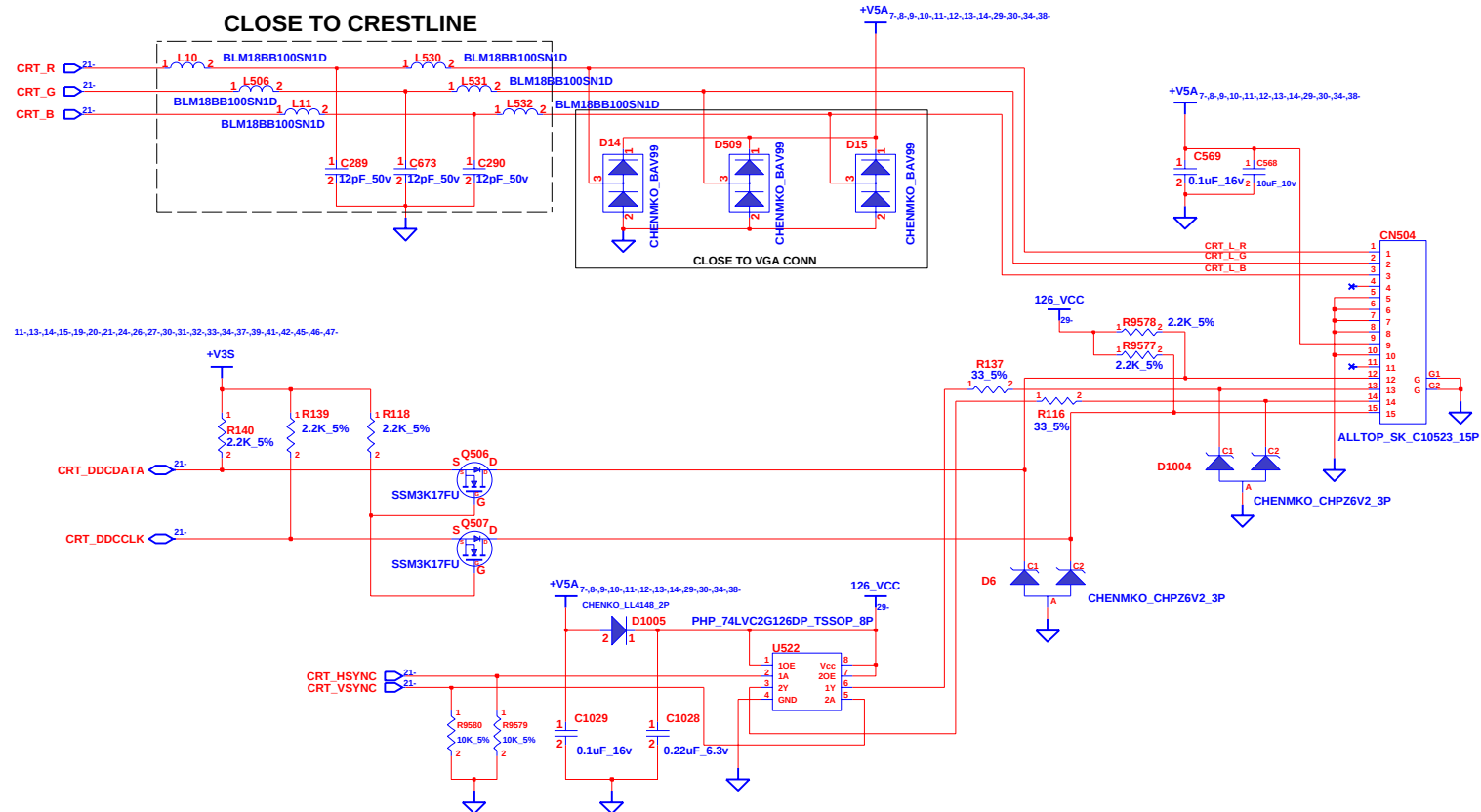
LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S



INVENTEC

TITLE DDD UMA DDR2-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
SHEET 28		OF 48	

CHANGE by Smit 27-Sep-2003



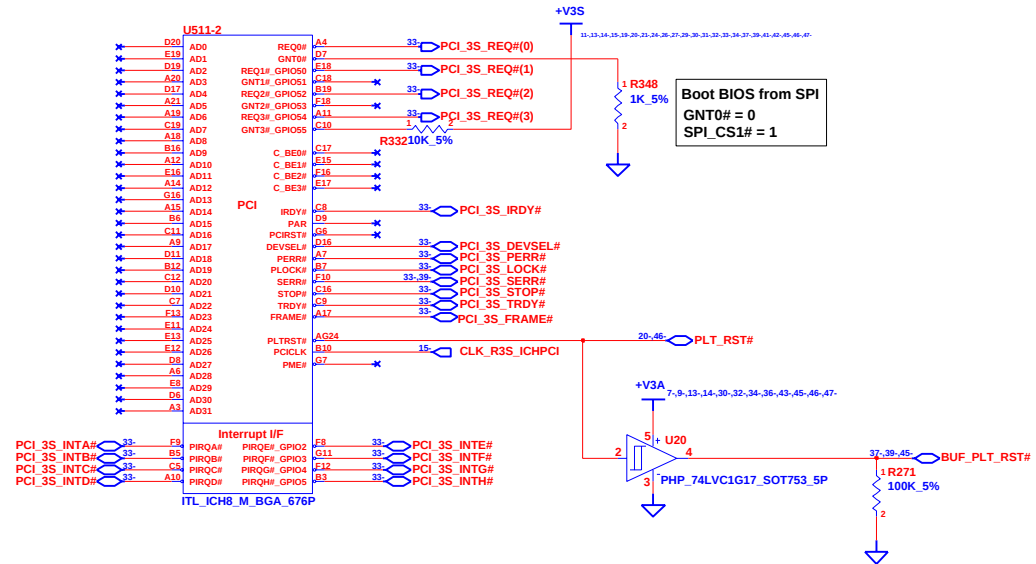
INVENTEC

TITLE			
DDD UMA			
VGA CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 23-Mar-2007

SHEET 29 OF 48

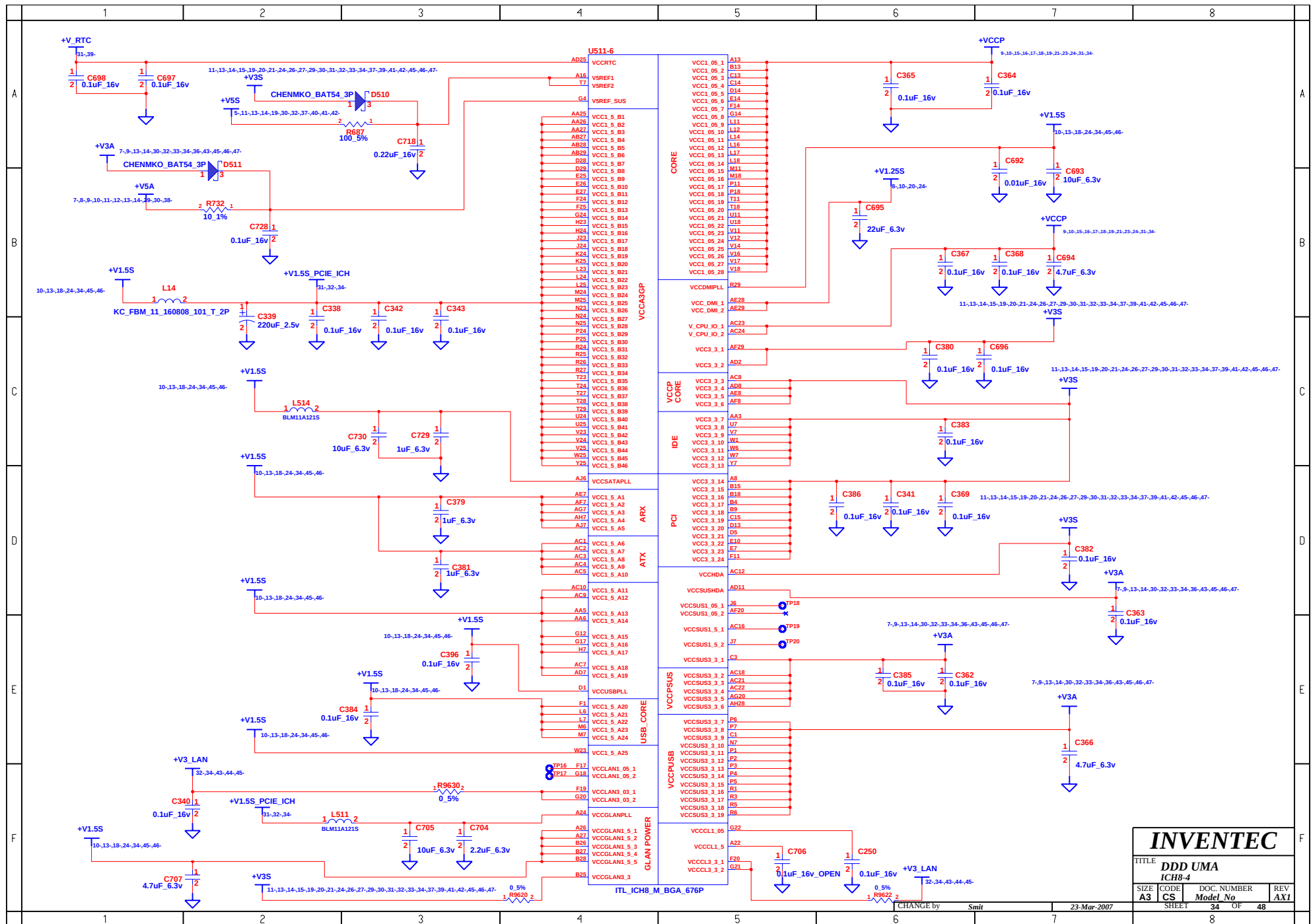
TITLE DDD UMA LCM CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
SHEET		30	OF 48

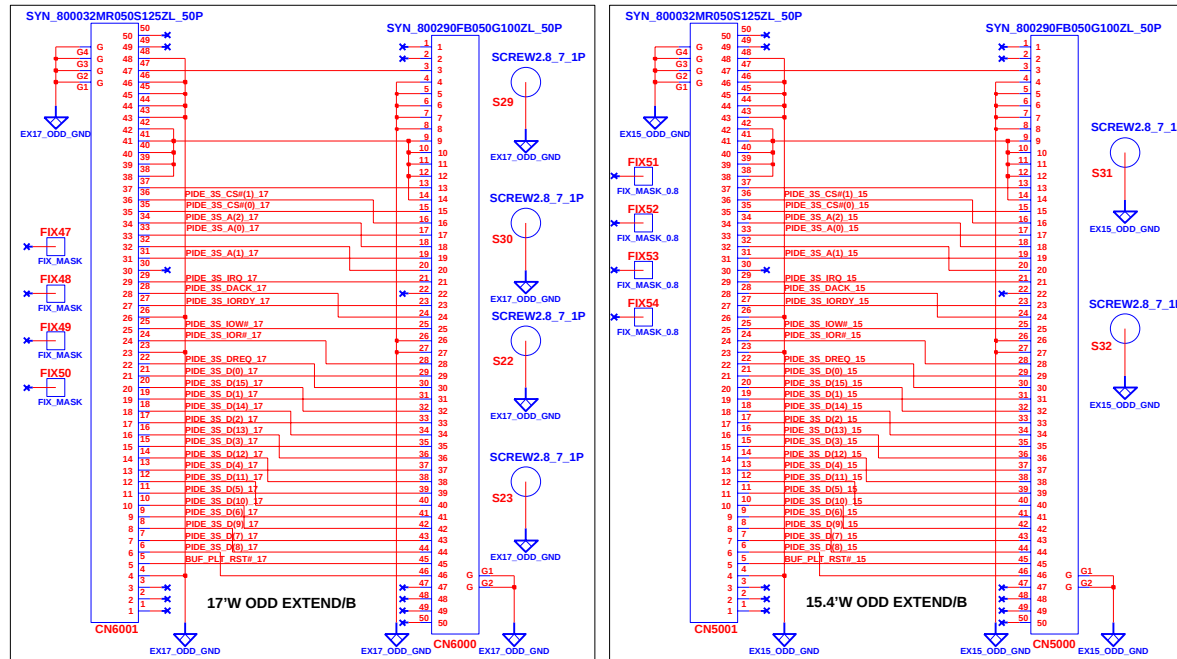
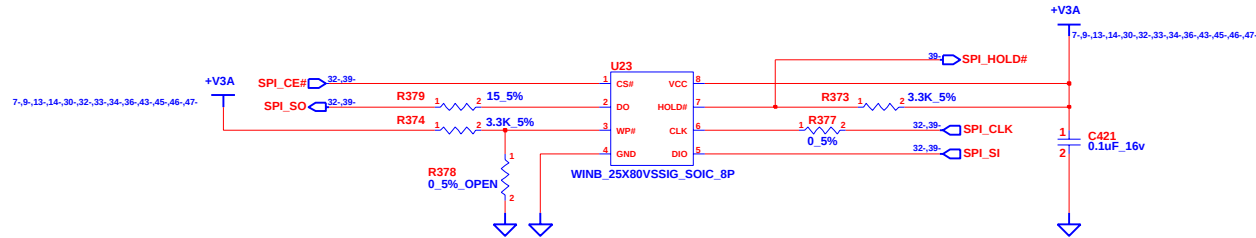


INVENTEC

TITLE			
DDD UMA			
ICH8-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		33	OF 48

CHANGE by Smit 15-Mar-2007





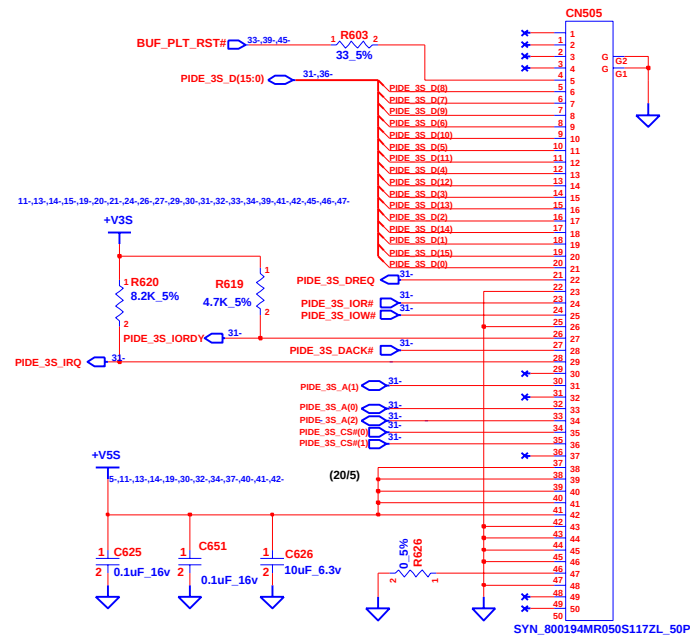
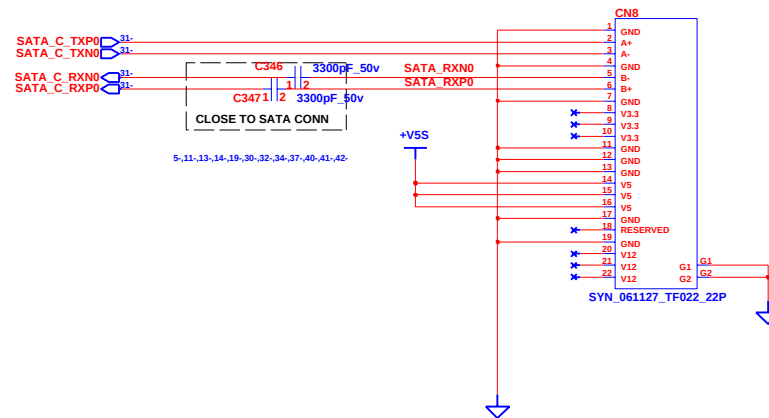
INVENTEC

TITLE
DDD UMA
SYSTEM BIOS&ODD EXT/B

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 36 OF 48

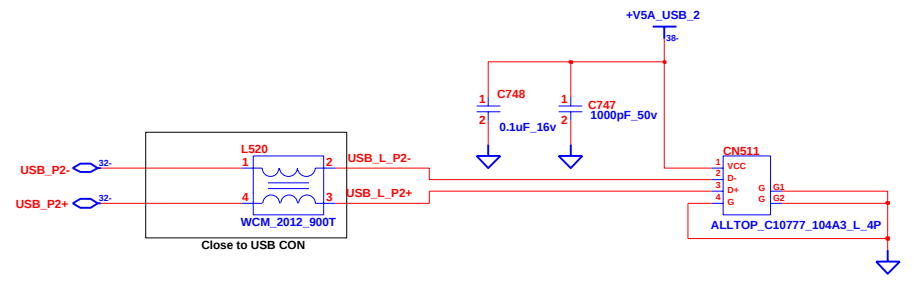
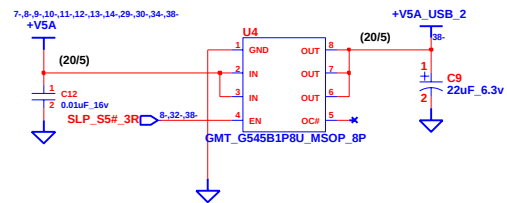
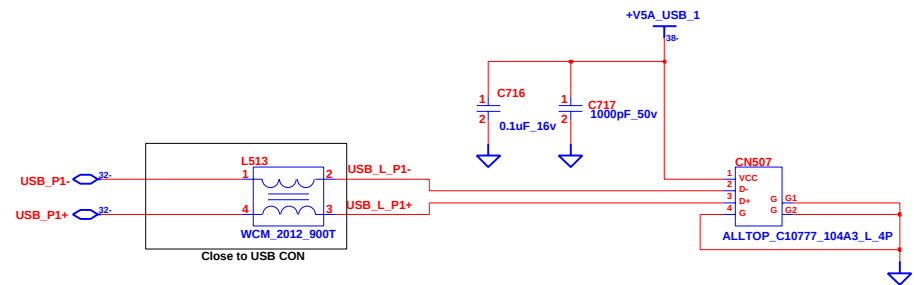
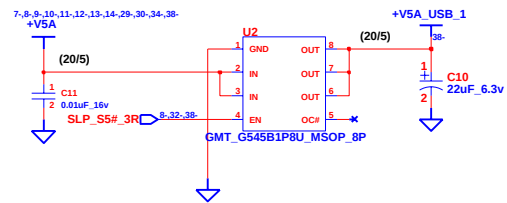
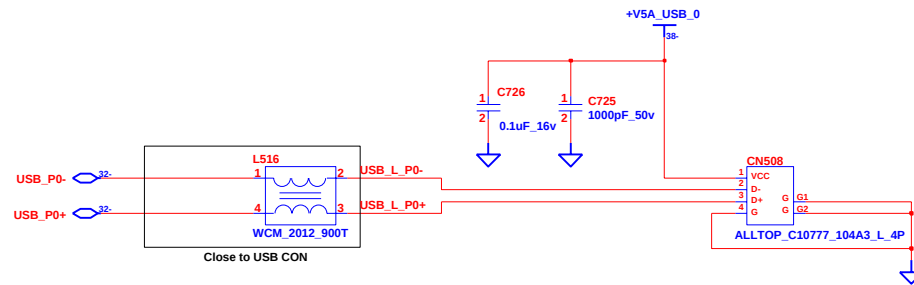
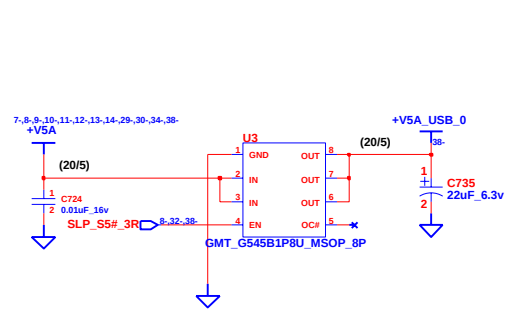


INVENTEC

TITLE			
DDD UMA			
HDD & ODD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 37 OF 48

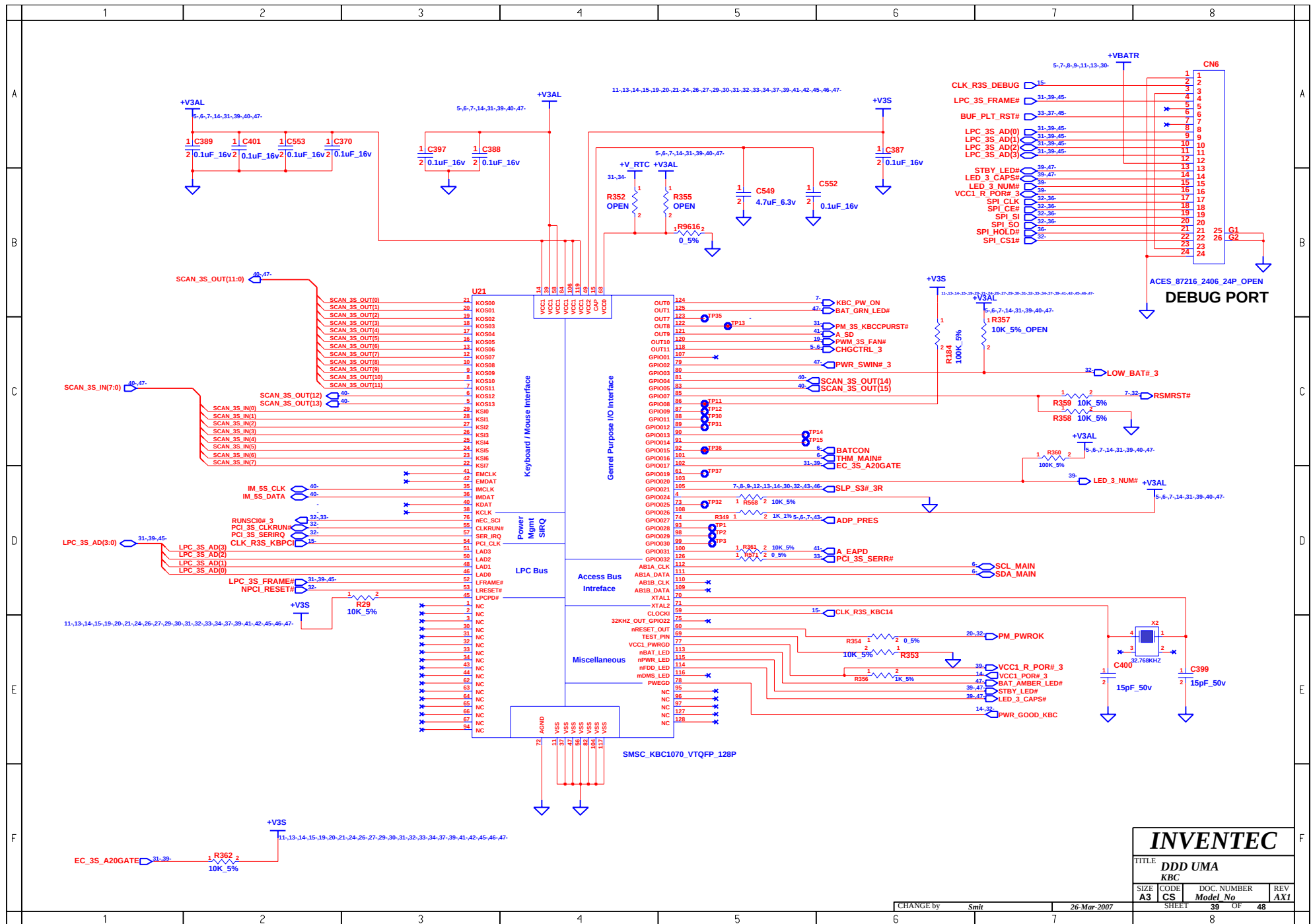


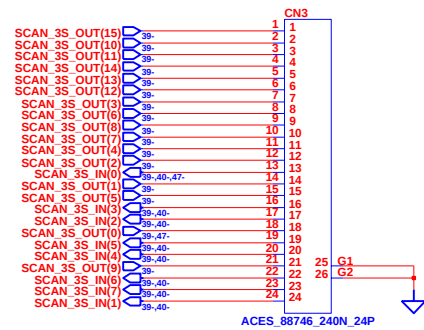
Close to USB CON

INVENTEC

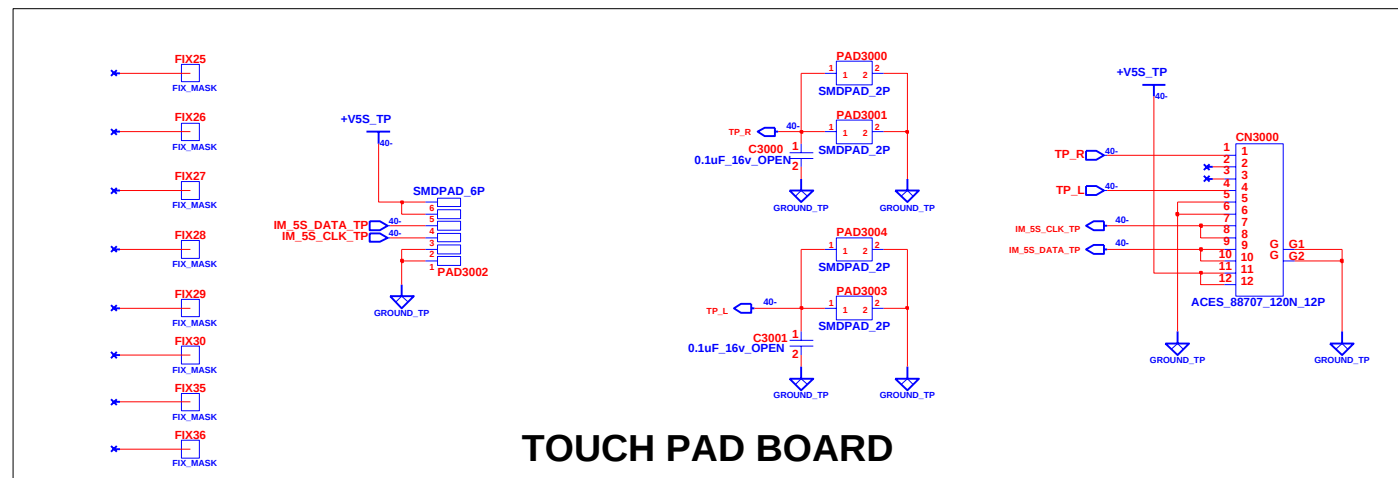
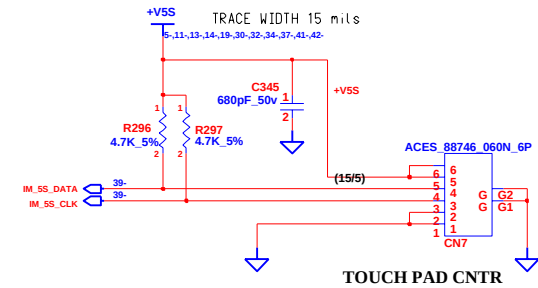
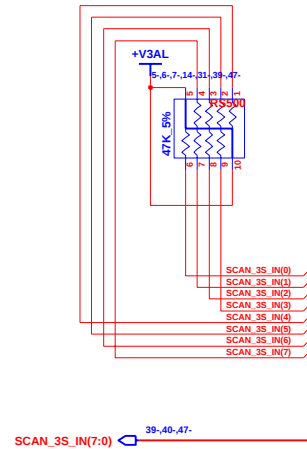
TITLE			
DDD UMA			
USB CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		OF	48
38		8	

CHANGE by Smit 15-Mar-2007





KEYBOARD CONN



INVENTEC

TITLE			
DDD UMA			
KB & TP CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 40 OF 48

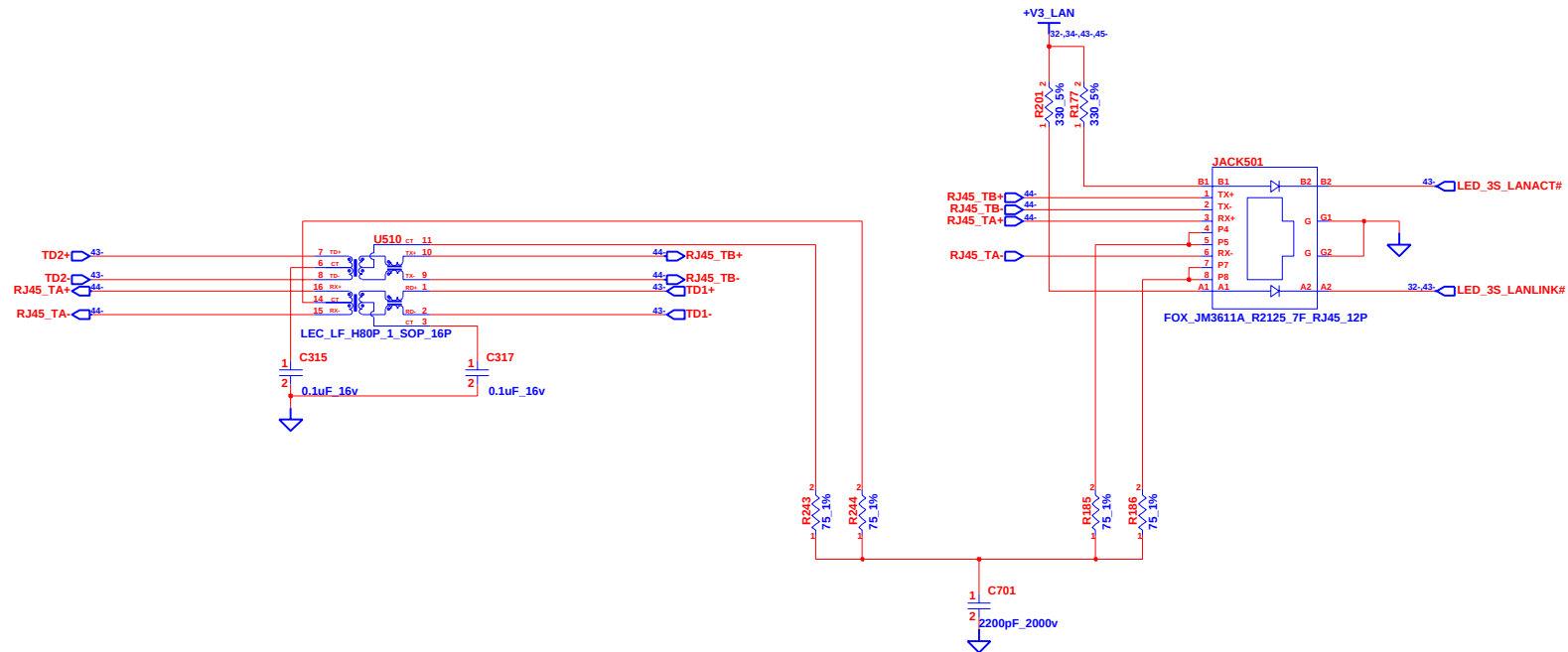
TITLE			
DDD UMA MDC CNTR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET 42 OF 48			

MDC CNTR

CHANGE by	<i>Smit</i>	<i>15-Mar-2007</i>
-----------	-------------	--------------------

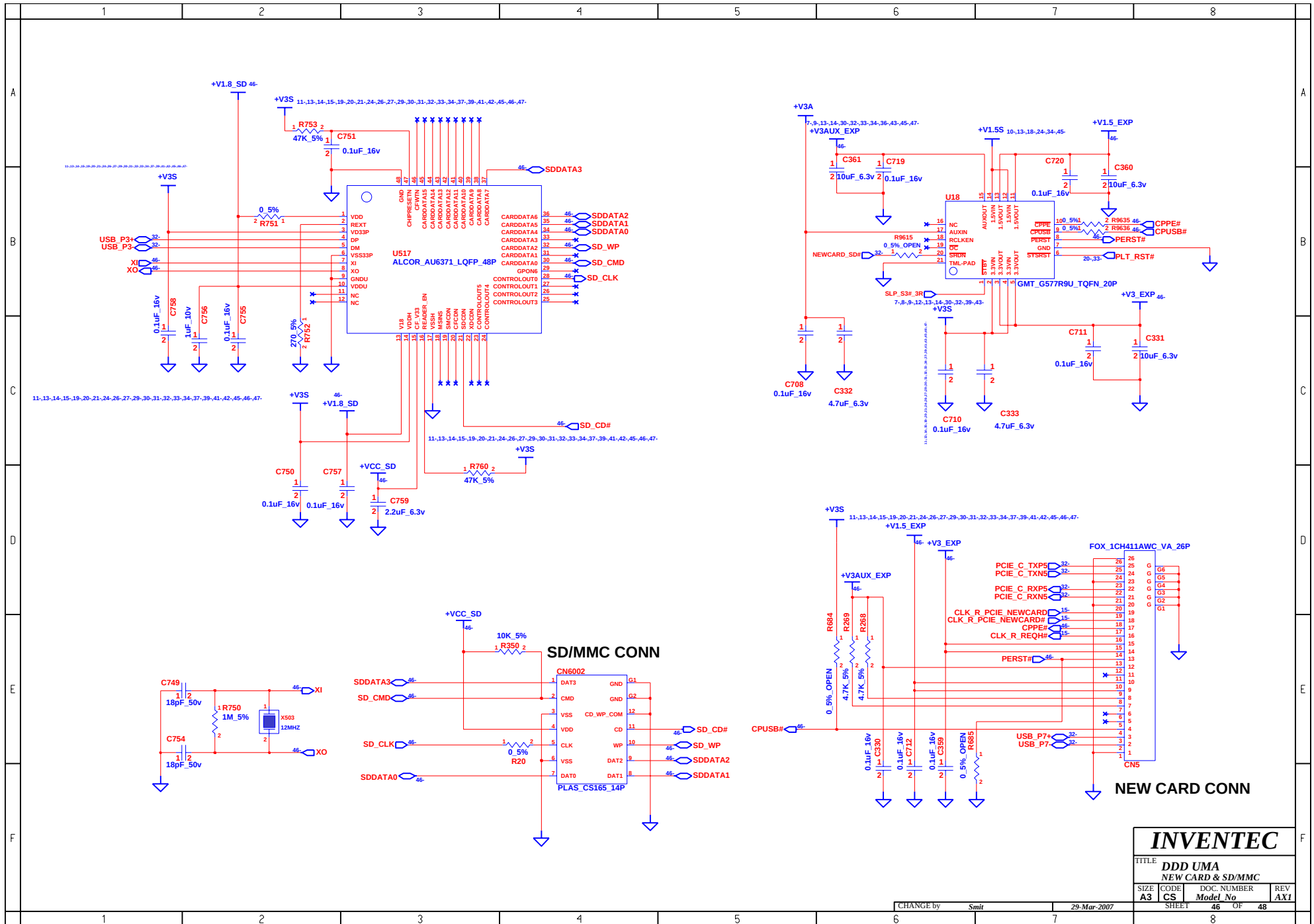
CS	Model No	AXI
SHEET	42 OF	48

TITLE			
DDD UMA NIC 10/100- CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	AX1
SHEET		43	OF 48

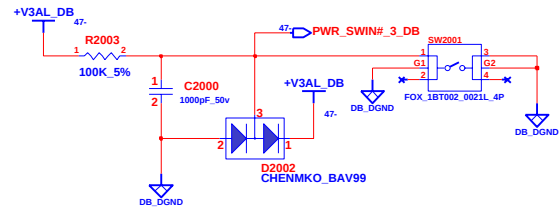


INVENTEC			
TITLE			
DDP UMA			
NIC 10/100 - RJ45			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
CHANGE by		Smit	26-Mar-2007
SHEET		44	OF 48

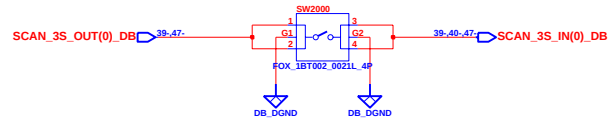
TITLE DDD UMA MINICARD & BT CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
SHEET		45	OF 48



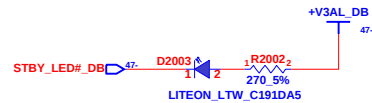
POWER BUTTON



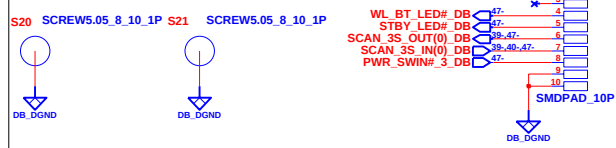
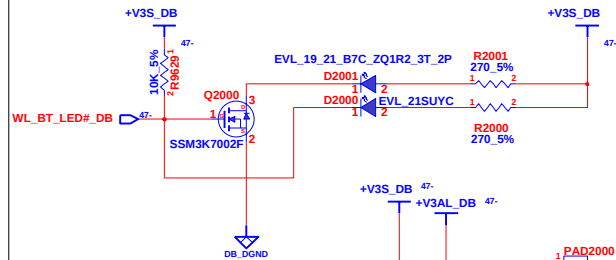
WIRELESS BUTTON



POWER / STANDBY LED

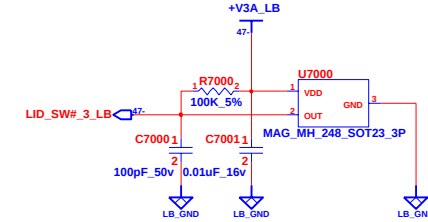


WLAN LED

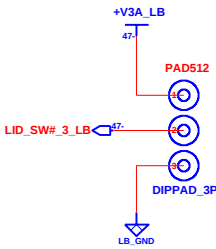


LED&SWITCH BOARD

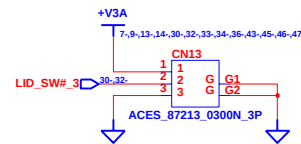
LID SWITCH



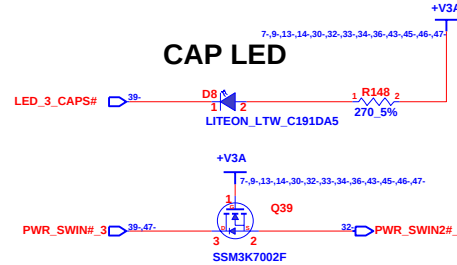
LID SW/B



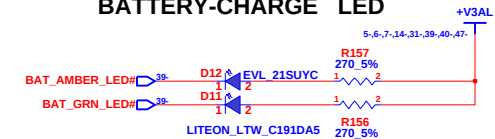
LID SW/B CNTR



CAP LED



BATTERY-CHARGE LED



INVENTEC

TITLE DDD UMA BUTTON & LED			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1

CHANGE by Smit 23-Mar-2007

SHEET 47 OF 48

	1	2	3	4	5	6	7	8	
A	FIX7 FIX_MASK FIX8 FIX_MASK FIX9 FIX_MASK FIX10 FIX_MASK FIX11 FIX_MASK FIX12 FIX_MASK FIX37 FIX_MASK FIX38 FIX_MASK								A
B									B
C	S1 SCREW2.8_8_9_1P S2 SCREW2.8_8_10_1P S3 SCREW2.8_8_10_1P S4 SCREW2.8_8_9_1P S5 SCREW2.8_8_10_1P S6 SCREW2.8_8_10_1P S7 SCREW2.8_8_10_1P S8 SCREW2.8_8_9_1P S9 SCREW2.8_8_9_1P S10 SCREW2.8_8_10_1P S11 SCREW2.8_8_10_1P MAIN BOARD S15 SCREW3.9_6_1P S16 SCREW3.9_6_1P S17 SCREW3.9_6_1P S18 SCREW3.9_6_1P CPU S14 SCREW3.7_4_6_1P S19 SCREW3.7_4_6_1P MINI CARD S12 SCREW2_2.2_5_1P S13 SCREW2_2.2_5_1P MDC								C
D									D
E									E
F									F

TITLE			
DDD UMA			
SCREW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by	Smit	15-Mar-2007
SHEET	48	OF 48

S14

SCREW3.7_4_6_1P

S19

SCREW3.7_4_6_1P

MINI CARD

S12

SCREW2_2.2_5_1P

S13

SCREW2_2.2_5_1P

MDC

INVENTEC			
TITLE DDD UMA SCREW			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by Smit		15-Mar-2007	
SHEET		48	OF 48