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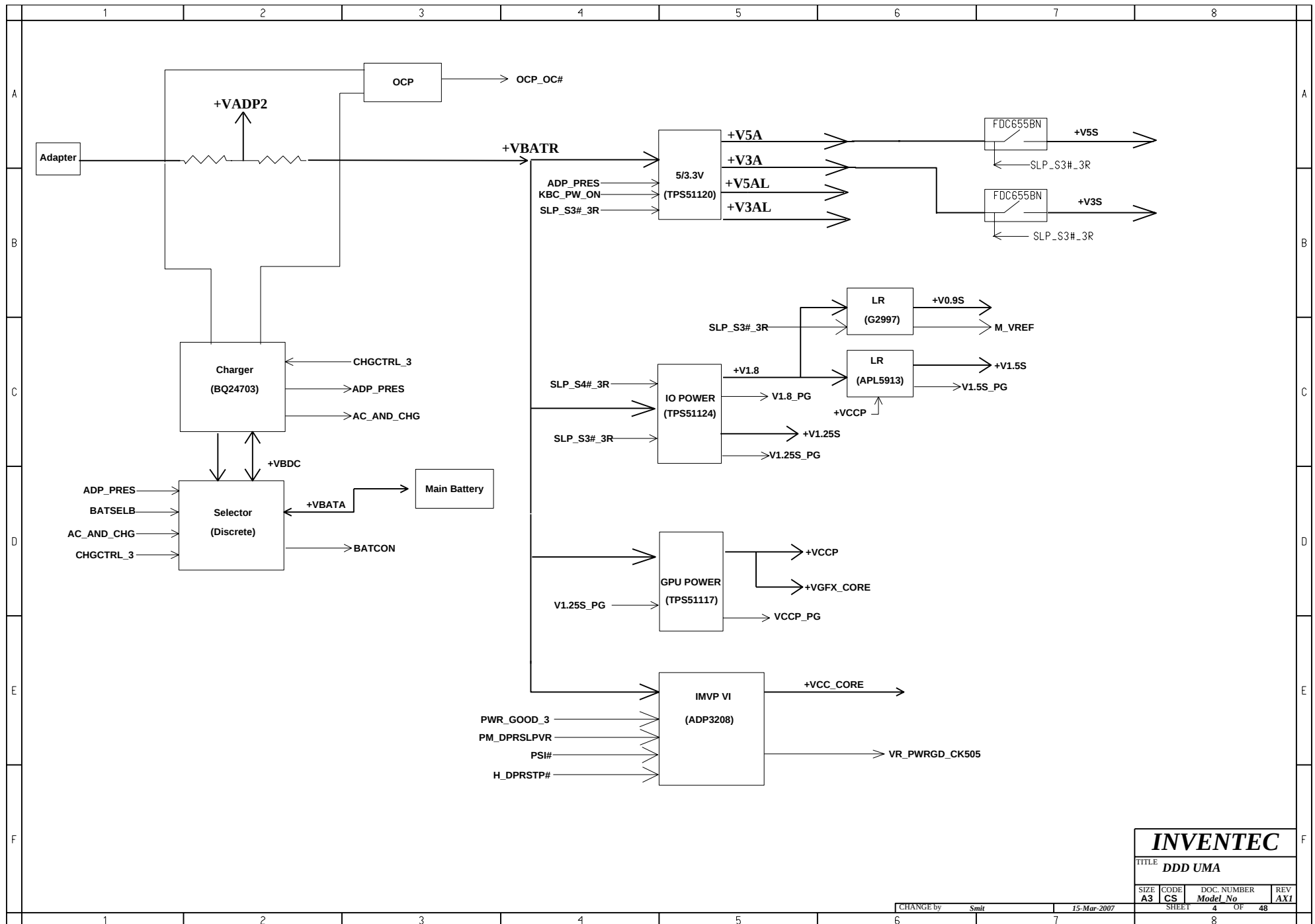
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INVENTECTITLE
DDD UMA

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV AX1
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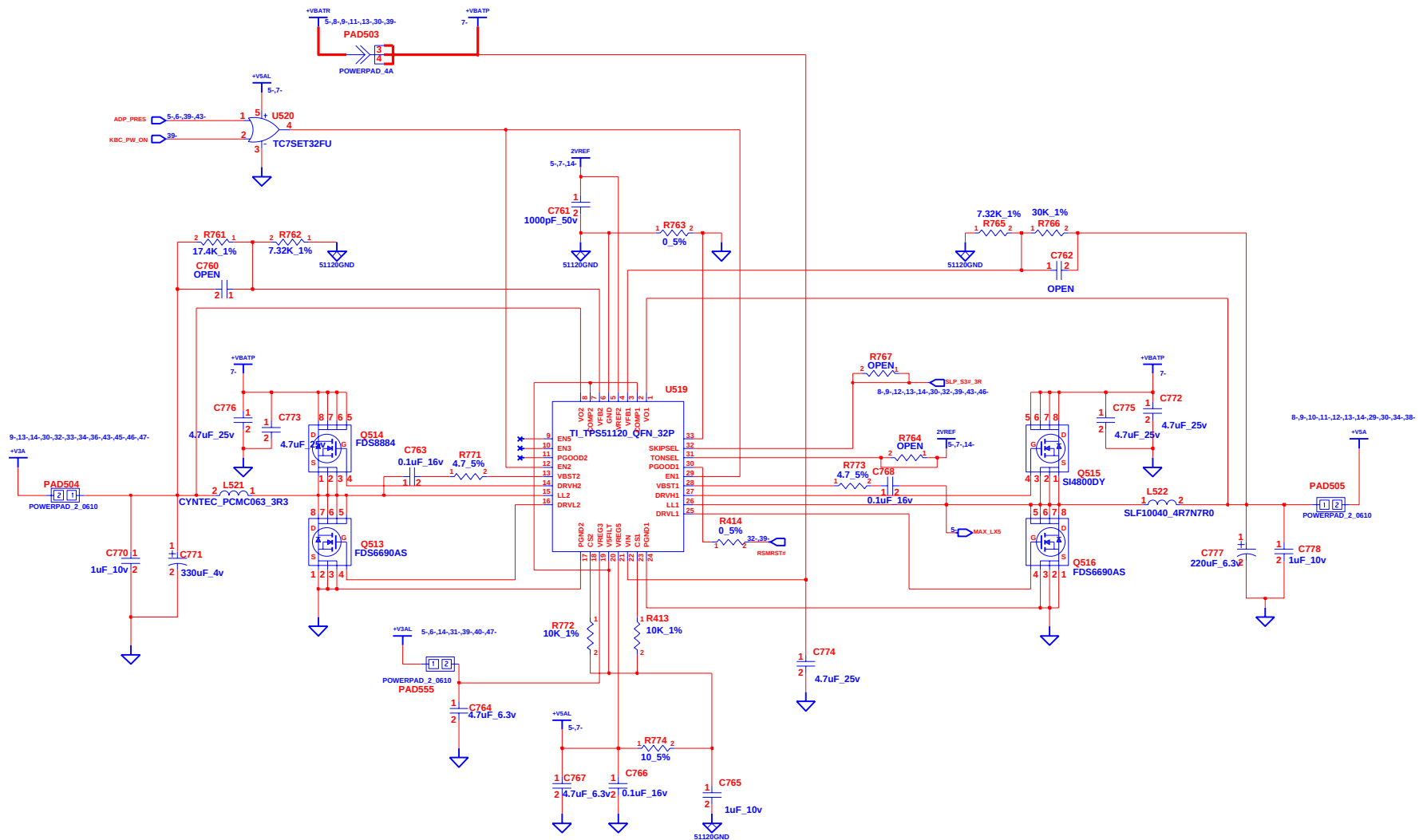
CHANGE by *Smit* 23-Mar-2007SHEET **2** OF **48**

**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

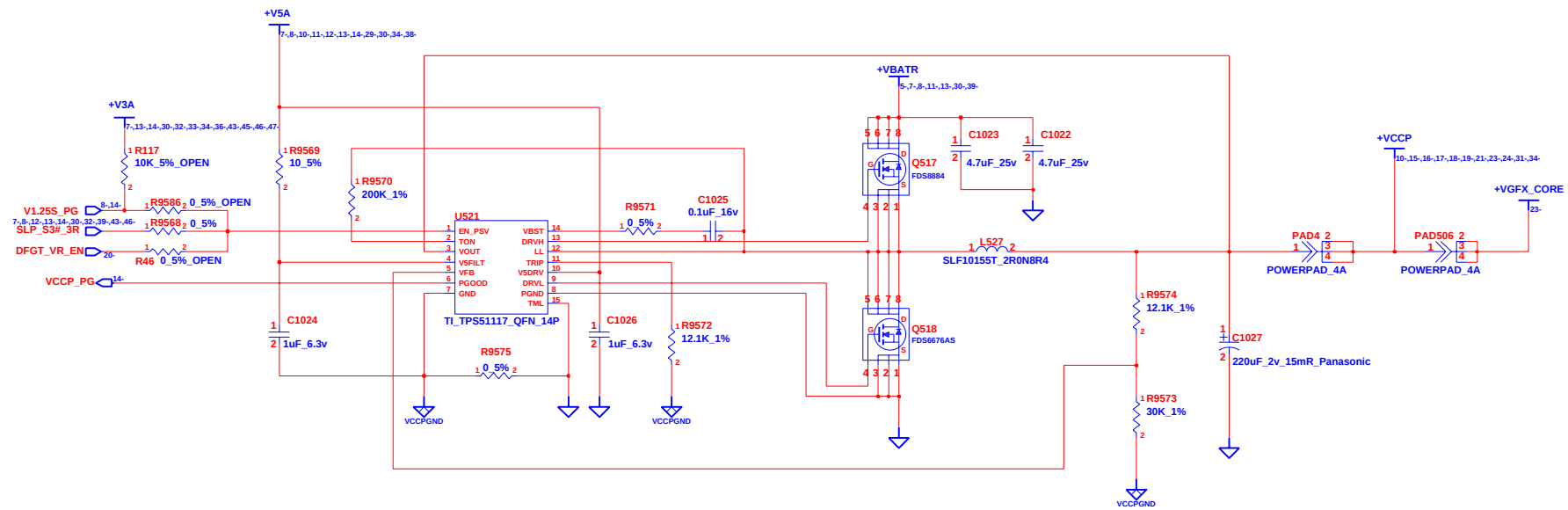
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1

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	Model No	AX1
SHEET		8	OF 48

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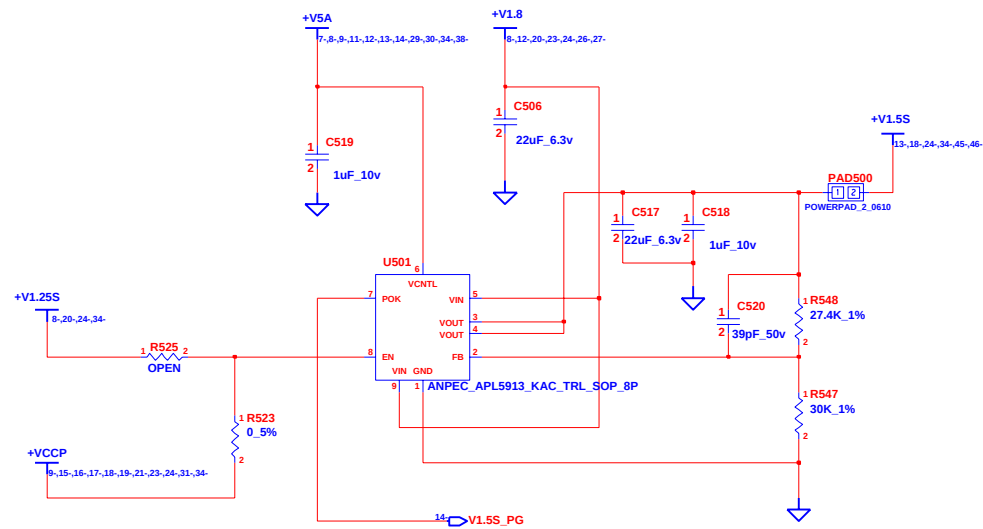


INVENTEC

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GRAPHIC POWER (+VGFX_CORE)			
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A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 9 OF 48

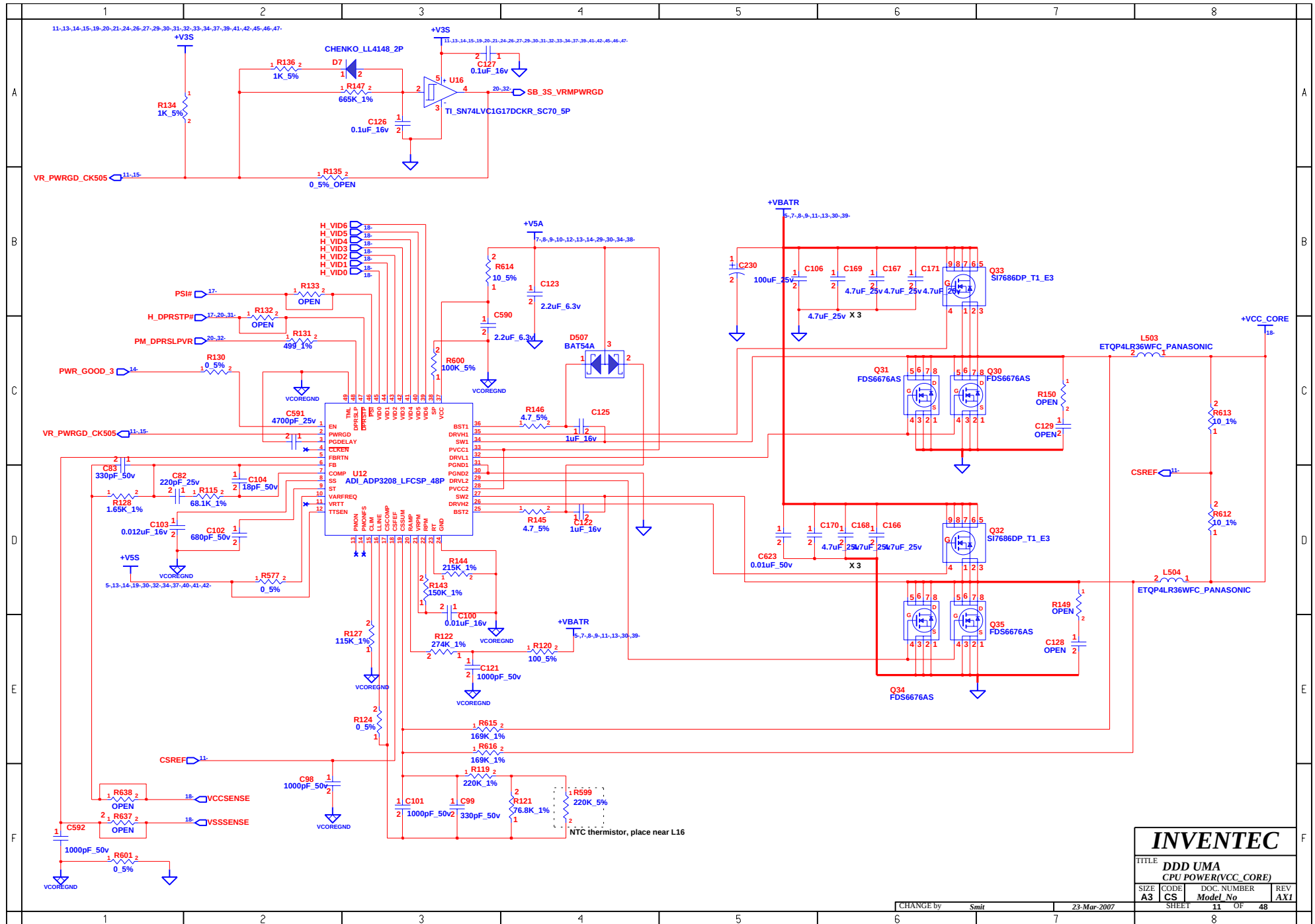


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A3	CS	Model No	AX1

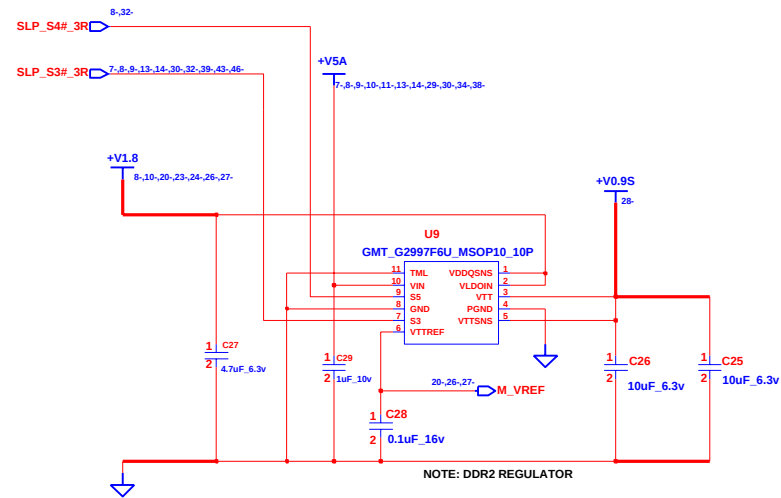
CHANGE by Smit 15-Mar-2007

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INVENTEC

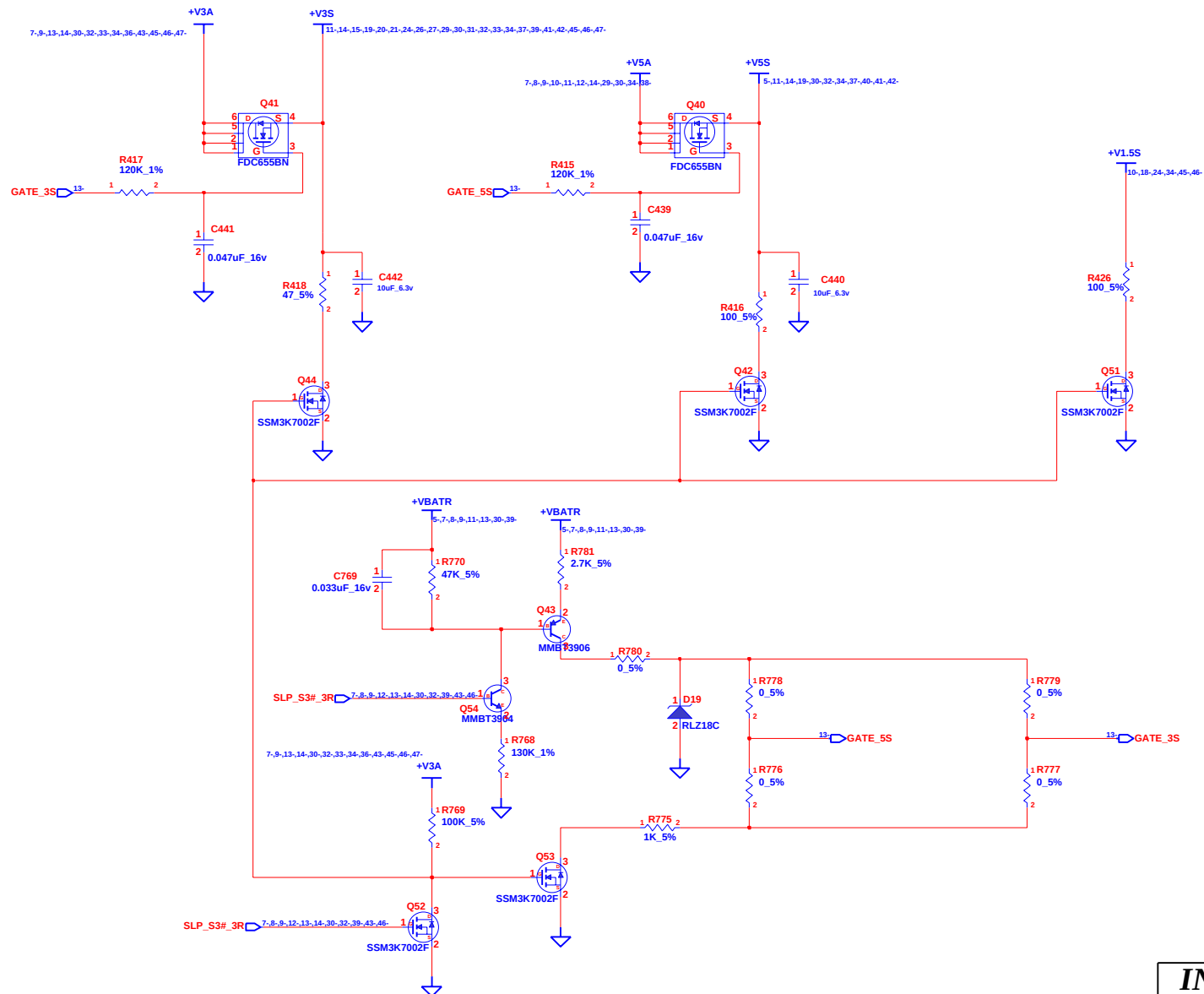
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CPU POWER(VCC_CORE)			
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A3	CS	Model No	AXI
CHANGE by		Smit	23-Mar-2007
SHEET		11	OF 48

**INVENTEC**

TITLE			
DDD UMA DDR TERMINATION VOLTAGE			
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CHANGE by Smit 15-Mar-2007

8



INVENTEC

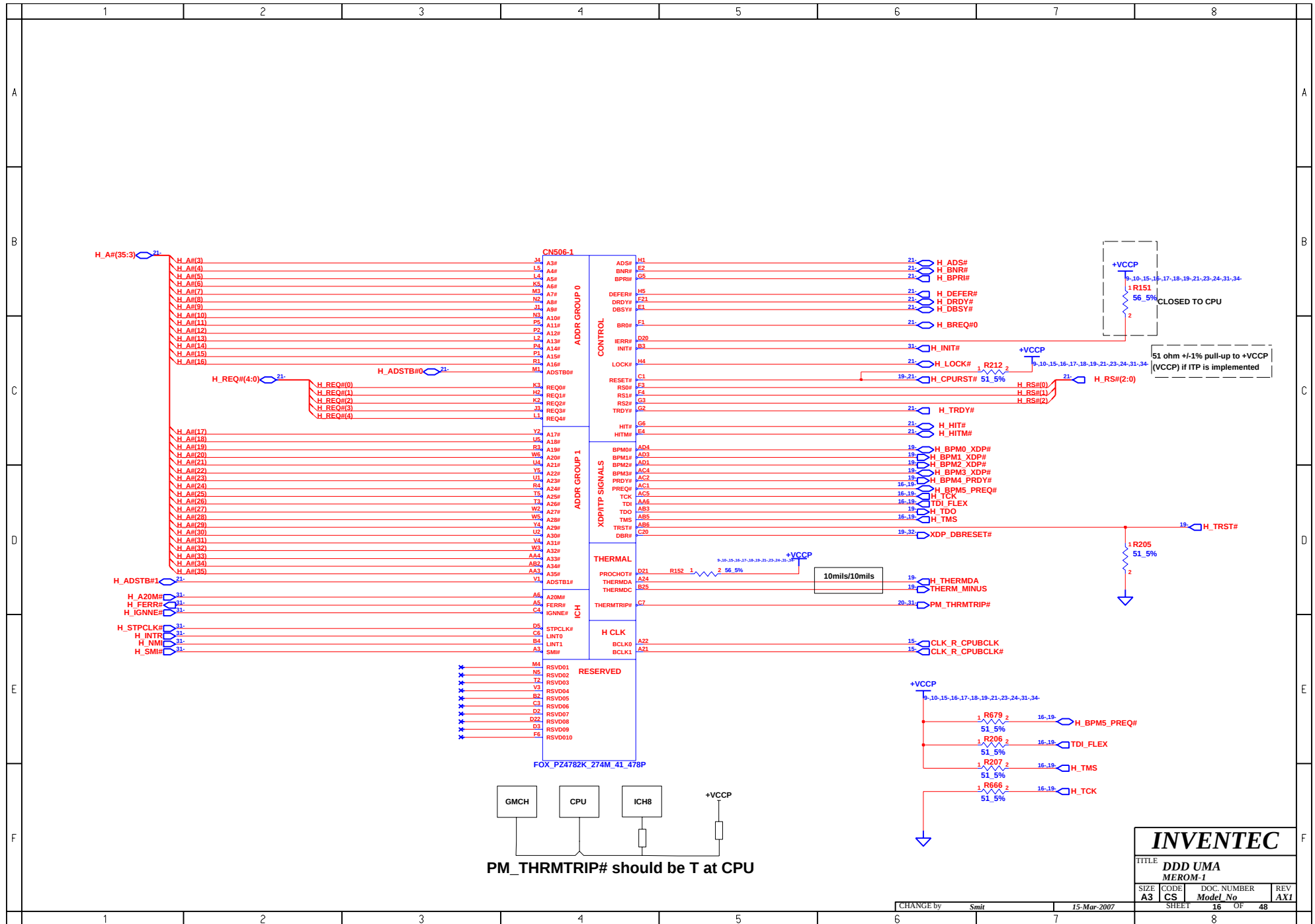
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POWER(SLEEP)			
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A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 13 OF 48

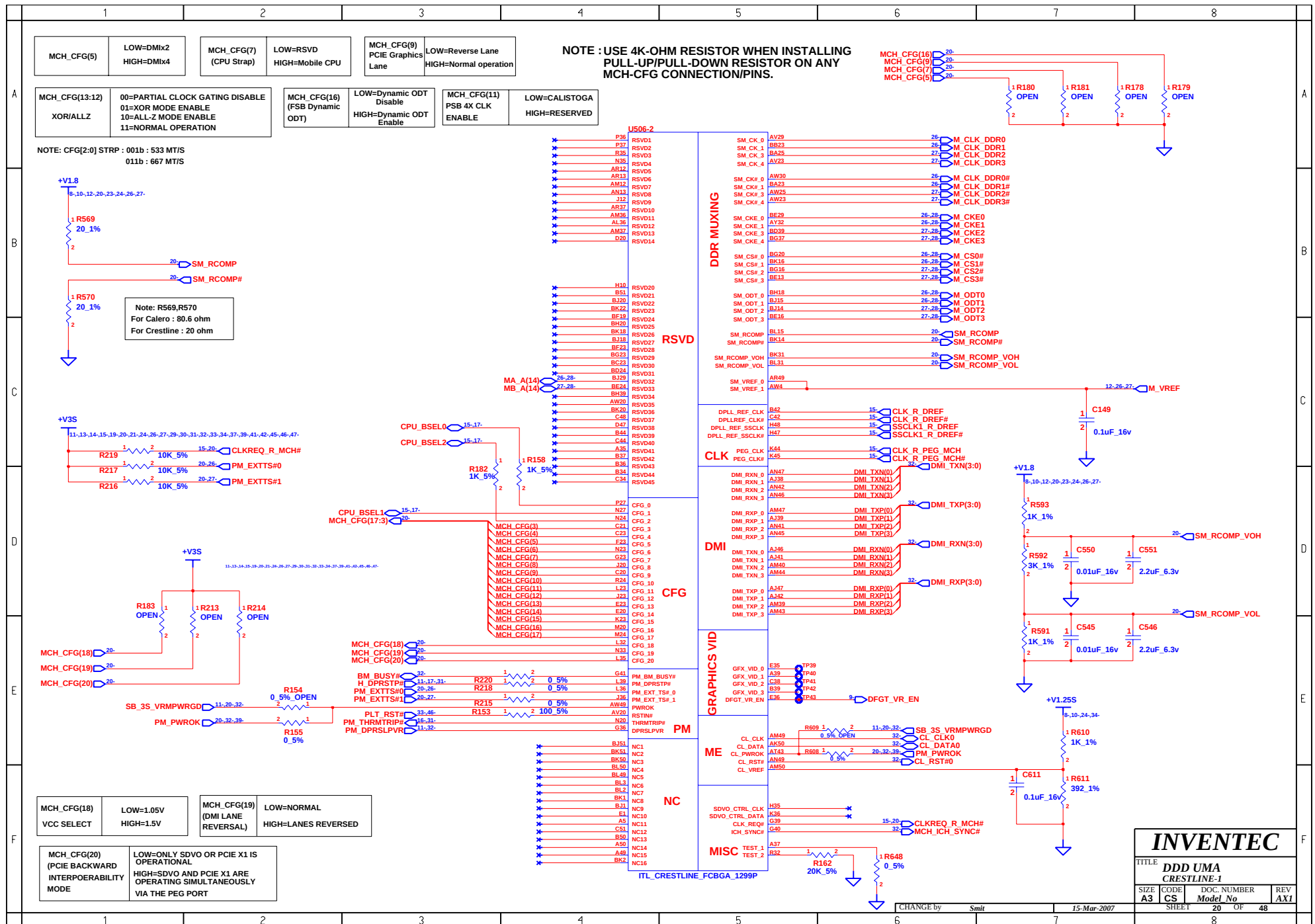
SHEET	14	OF	48
8			

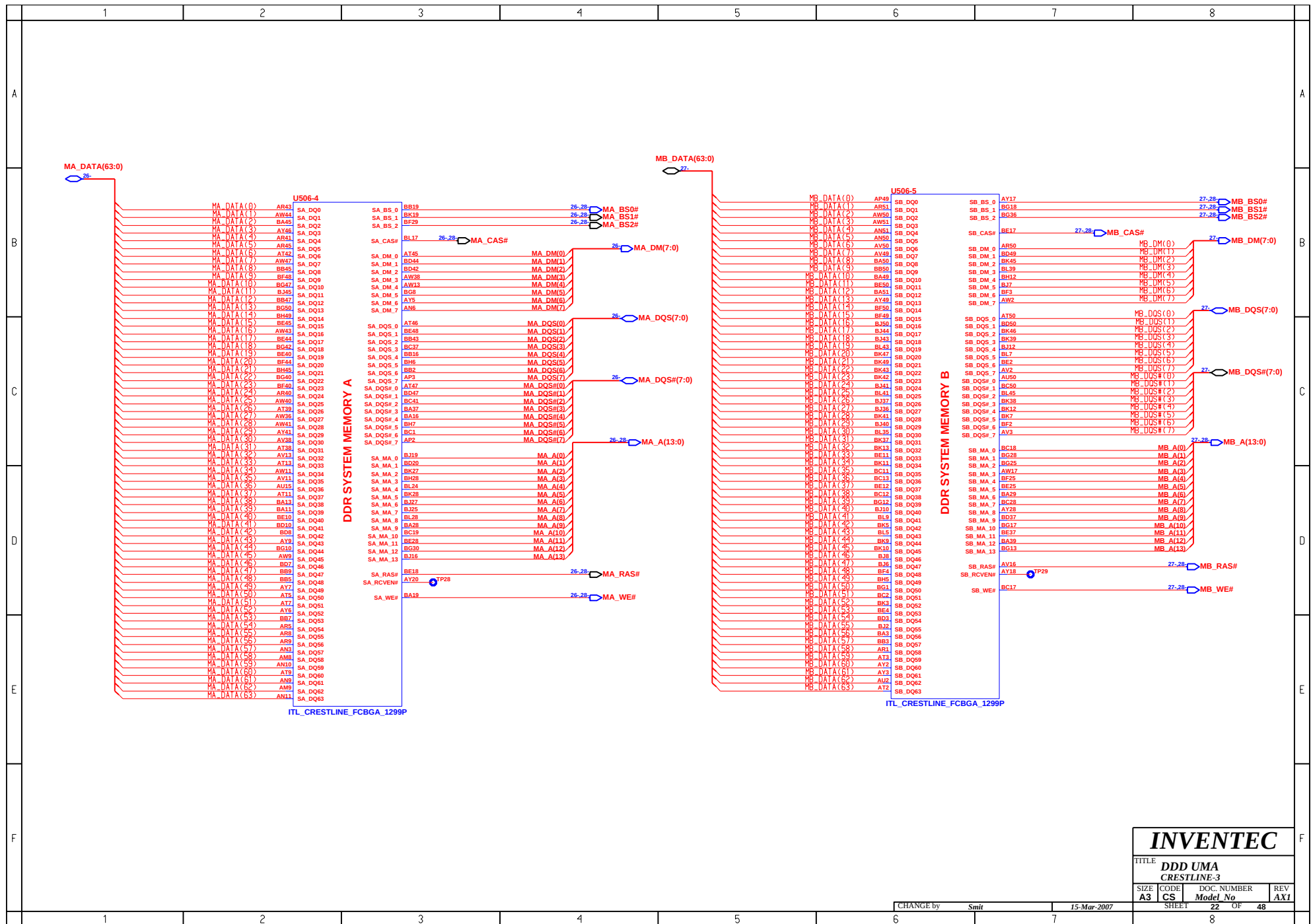
CS	Model No		
SHEET	14	OF	48



SIZE	CODE	DOC. NUMBER	REV.
A3	CS	Model_No	AX

LAYOUT NOTES: PUT THE THERMAL SENSOR CLOSE TO CPU





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

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

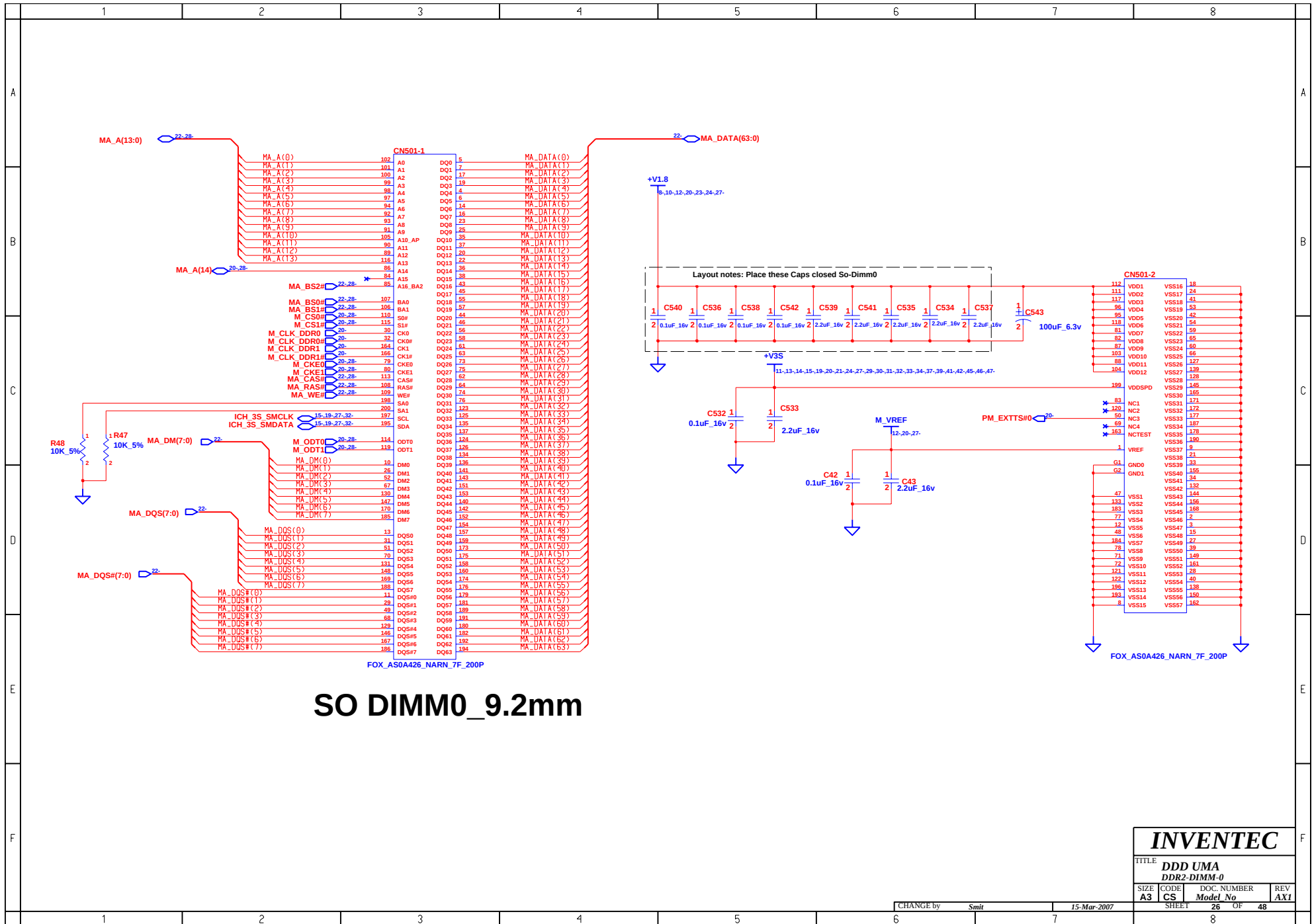
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by Smit		15-Mar-2007	SHEET 25 OF 48

INVENTEC

TITLE DDD UMA CRESTLINE-6			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
SHEET 25		OF 48	

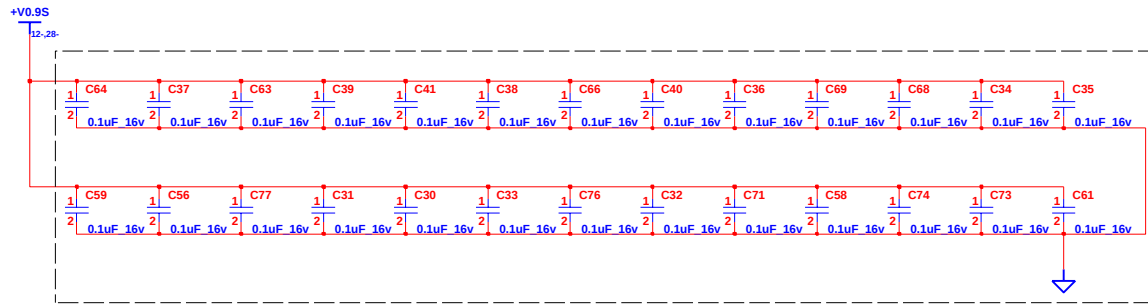
CHANGE by Smit 15-Mar-2007

8

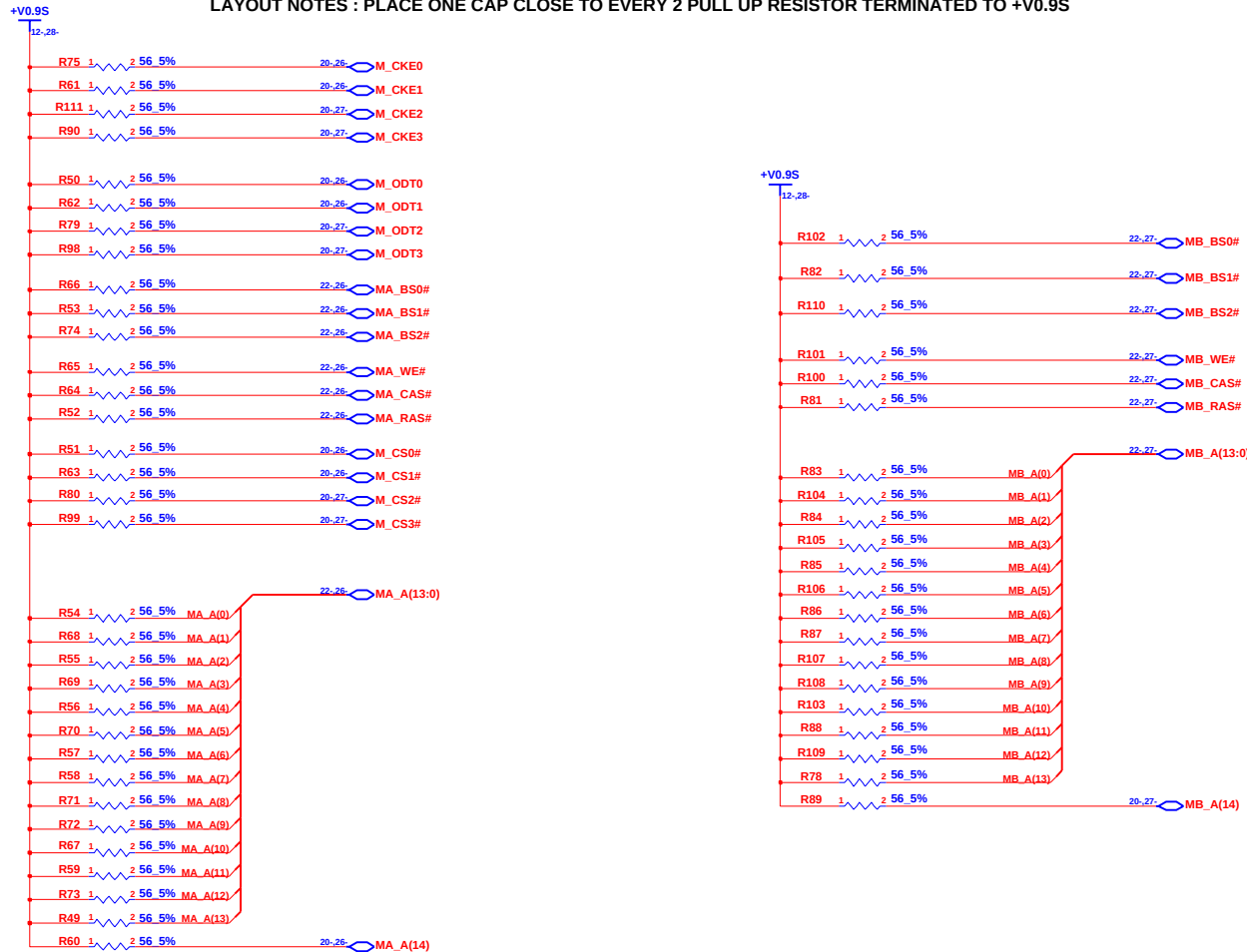


FOR EMI TEST

TITLE			
DDD UMA DDR2-DIMM1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	AX1
SHEET		27	OF 48
8			



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



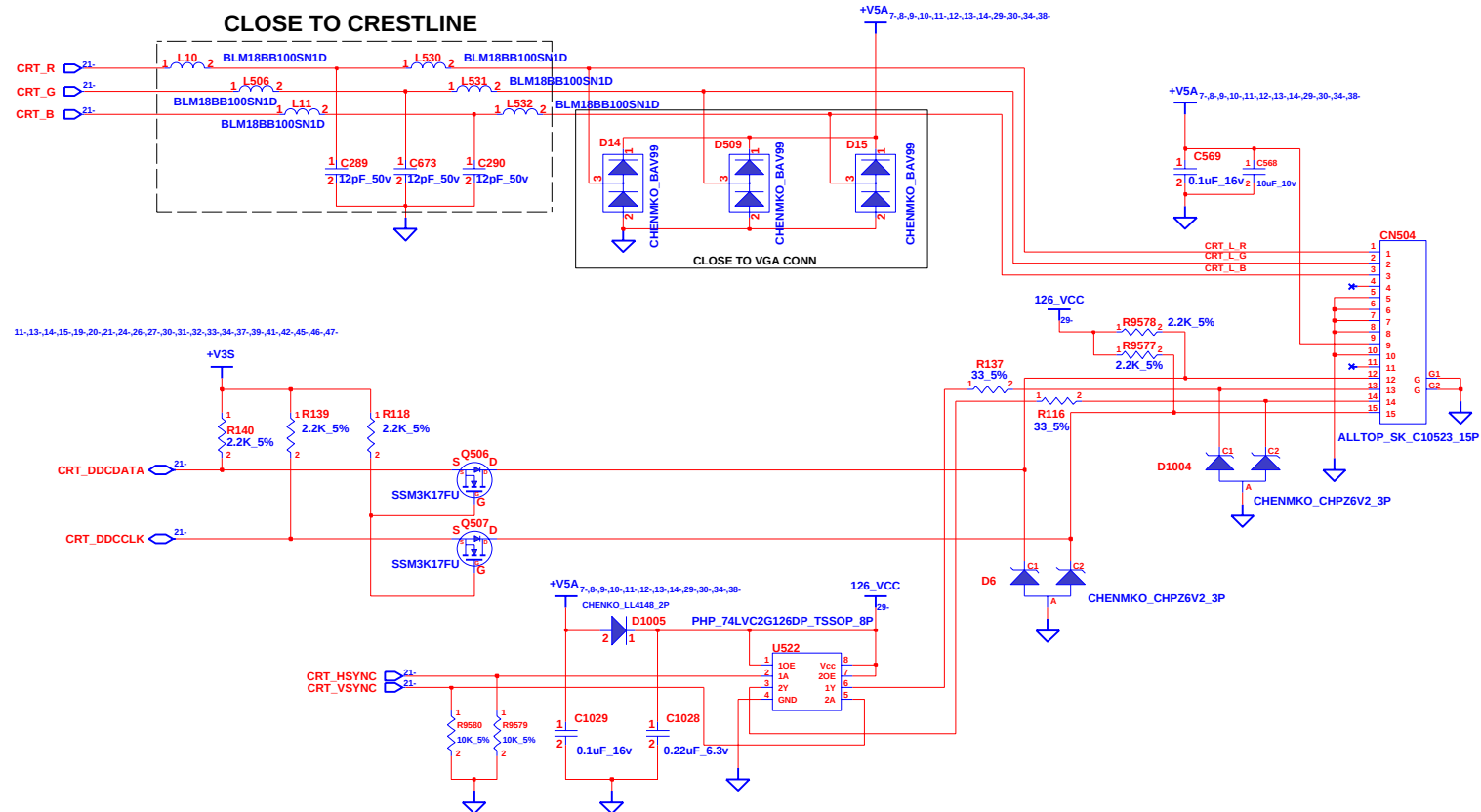
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TITLE
DDD UMA
DDR2-DAMPING

SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
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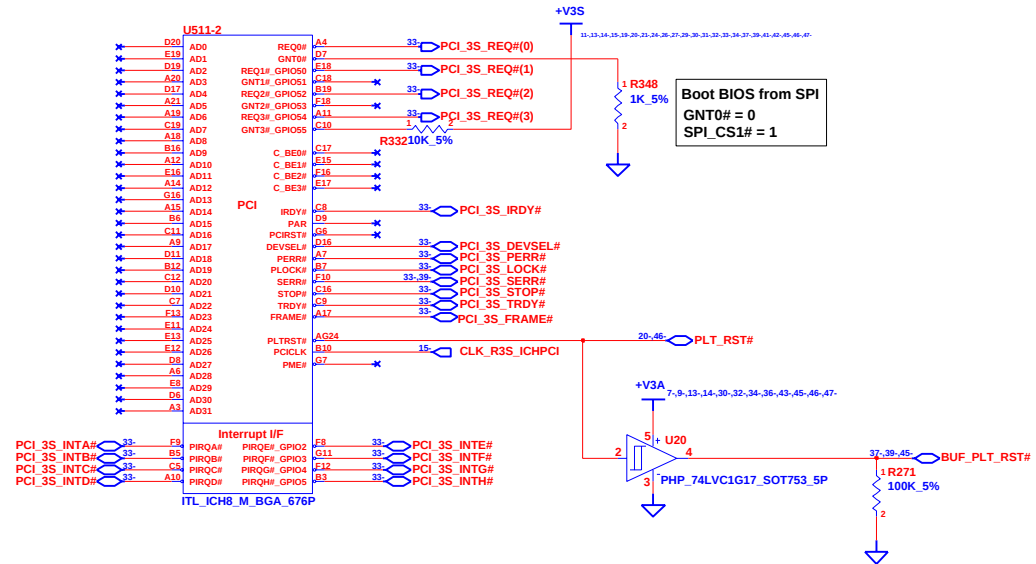
CHANGE by **Smit** 27-Sep-2003

SHEET 28 OF 48



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



Boot BIOS from SPI
 GNT0# = 0
 SPI_CS1# = 1

INVENTEC

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

CHANGE by Smit 15-Mar-2007

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

US11-5

A23 VS0001 VSS099 K7
AA VS0002 VSS100 L1
AA2 VS0003 VSS101 L13
AA7 VS0004 VSS102 L15
AA8 VS0005 VSS103 L26
AB1 VS0006 VSS104 L27
AB24 VS0007 VSS105 L4
AC11 VS0008 VSS106 L9
AC14 VS0009 VSS107 M2
AC25 VS0010 VSS108 M13
AC28 VS0011 VSS109 M14
AC27 VS0012 VSS110 M15
AD17 VS0013 VSS111 M16
AD20 VS0014 VSS112 M17
AD28 VS0015 VSS113 M23
AD29 VS0016 VSS114 M28
AD3 VS0017 VSS115 M29
AD4 VS0018 VSS116 M3
AD6 VS0019 VSS117 N1
AE1 VS0020 VSS118 N11
AE12 VS0021 VSS119 N12
AE2 VS0022 VSS120 N13
AE22 VS0023 VSS121 N14
AD1 VS0024 VSS122 N15
AE20 VS0025 VSS123 N16
AE5 VS0026 VSS124 N17
AE8 VS0027 VSS125 N18
AE9 VS0028 VSS126 N26
AF34 VS0029 VSS127 N27
AF16 VS0030 VSS128 N4
AF18 VS0031 VSS129 N5
AF3 VS0032 VSS130 N6
AE4 VS0033 VSS131 P12
AG5 VS0034 VSS132 P13
AG8 VS0035 VSS133 P14
AH10 VS0036 VSS134 P15
AH13 VS0037 VSS135 P16
AH16 VS0038 VSS136 P17
AH19 VS0039 VSS137 P23
AM2 VS0040 VSS138 P28
AF28 VS0041 VSS139 P29
AH22 VS0042 VSS140 R11
AH24 VS0043 VSS141 R12
AH26 VS0044 VSS142 R13
AH3 VS0045 VSS143 R14
AH4 VS0046 VSS144 R15
AH8 VS0047 VSS145 R16
AJ5 VS0048 VSS146 R17
B11 VS0049 VSS147 R18
B14 VS0050 VSS148 R28
B17 VS0051 VSS149 R4
B2 VS0052 VSS150 T12
B20 VS0053 VSS151 T13
B22 VS0054 VSS152 T14
B8 VS0055 VSS153 T15
C24 VS0056 VSS154 T16
C28 VS0057 VSS155 T17
C27 VS0058 VSS156 T2
C6 VS0059 VSS157 U12
D12 VS0060 VSS158 U13
D15 VS0061 VSS159 U14
D18 VS0062 VSS160 U15
D2 VS0063 VSS161 U16
D4 VS0064 VSS162 U17
E21 VS0065 VSS163 U23
E24 VS0066 VSS164 U26
E4 VS0067 VSS165 U27
E9 VS0068 VSS166 U3
F15 VS0069 VSS167 U5
E24 VS0070 VSS168 V14
F28 VS0071 VSS169 V15
F28 VS0072 VSS170 V28
G1 VS0073 VSS171 V29
G1 VS0074 VSS172 W2
E2 VS0075 VSS173 W26
G10 VS0076 VSS174 W27
G13 VS0077 VSS175 Y28
G18 VS0078 VSS176 Y29
G23 VS0079 VSS177 Y4
G25 VS0080 VSS178 AB4
G26 VS0081 VSS179 AB23
G27 VS0082 VSS180 AB5
H25 VS0083 VSS181 AB6
H28 VS0084 VSS182 AD5
H29 VS0085 VSS183 UA
H3 VS0086 VSS184 W24
H6 VS0087 VSS184 A1
J1 VS0088 VSS_NCTF_01 A2
J26 VS0089 VSS_NCTF_02 A28
J26 VS0090 VSS_NCTF_03 A29
J27 VS0091 VSS_NCTF_04 AH1
J4 VS0092 VSS_NCTF_05 AH1
J5 VS0093 VSS_NCTF_06 AH29
K23 VS0094 VSS_NCTF_07 A31
K28 VS0095 VSS_NCTF_08 A32
K28 VS0096 VSS_NCTF_09 A328
K3 VS0097 VSS_NCTF_010 A329
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VS0099 VSS_NCTF_012 B29

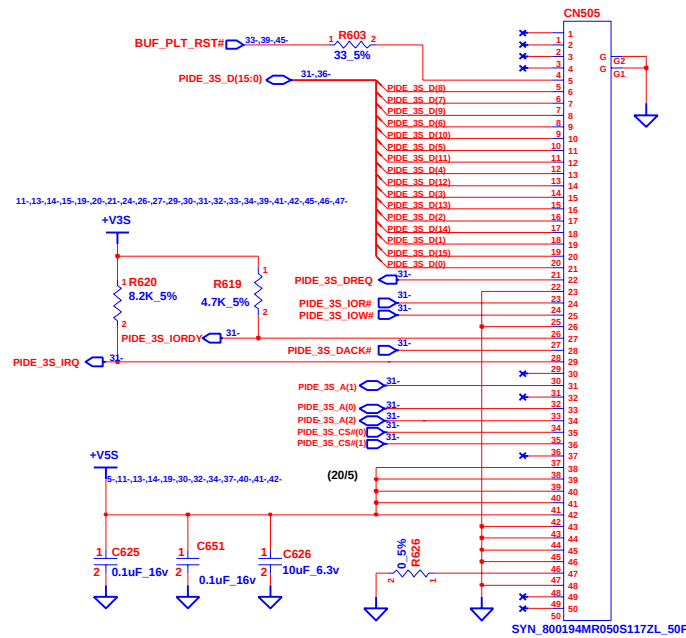
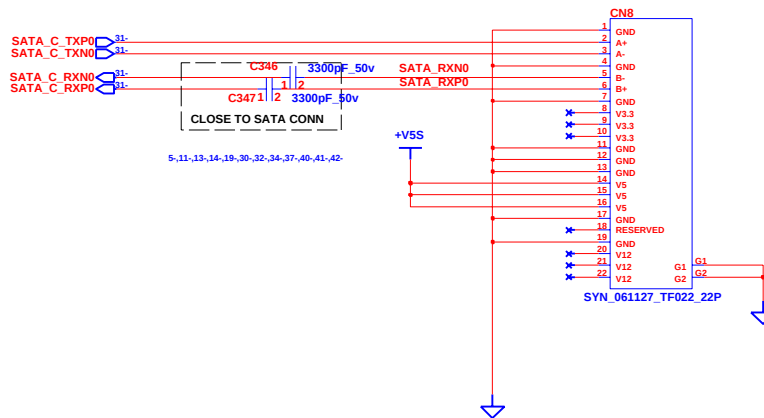
ITL_ICH8_M_BGA_676P

1 R129 2
0.5%
1 R169 2
0.5%
1 R171 2
0.5%
1 R173 2
0.5%

INVENTEC			
TITLE DDD UMA ICH8-5			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1
CHANGE by Smit		15-Mar-2007	
SHEET 35		OF 48	
1		8	

TITLE DDD UMA			
SYSTEM BIOS&ODD EXT/B			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	AX1
SHEET		36	OF 48

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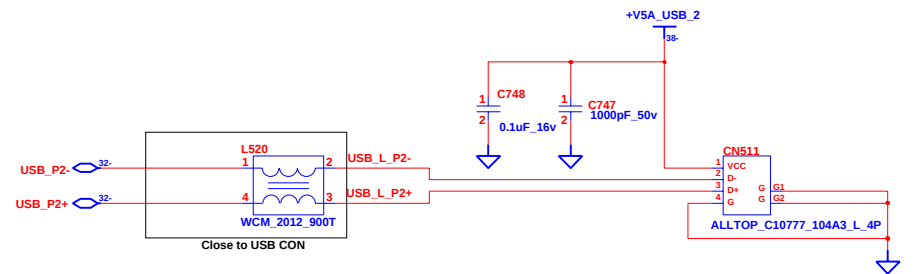
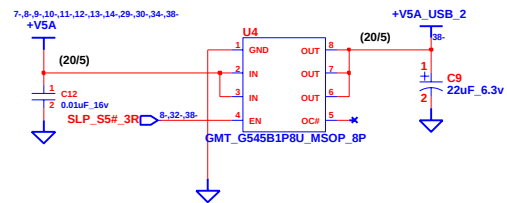
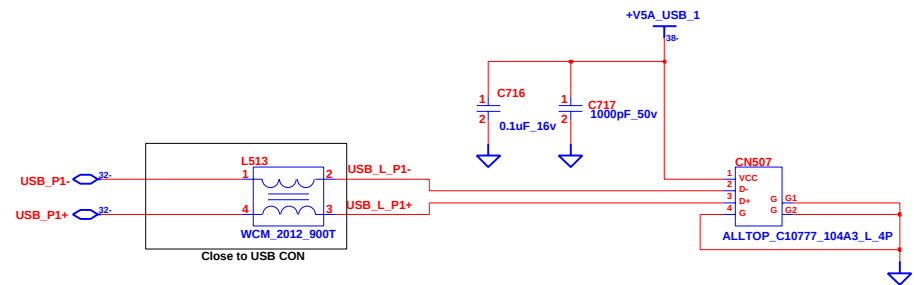
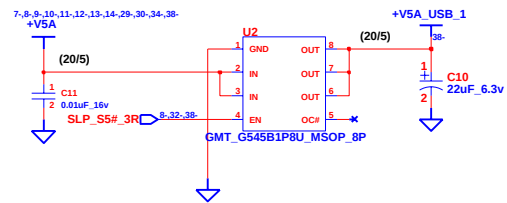
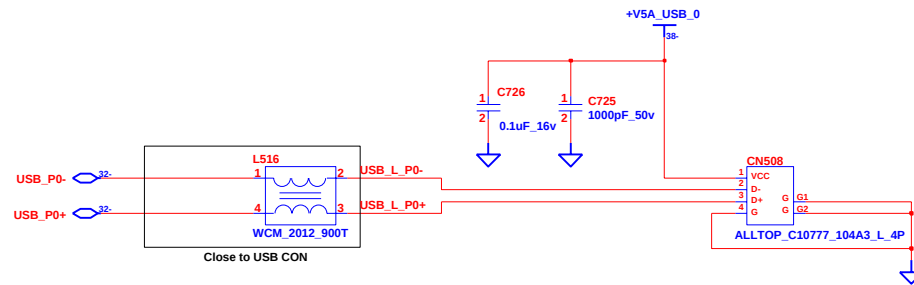
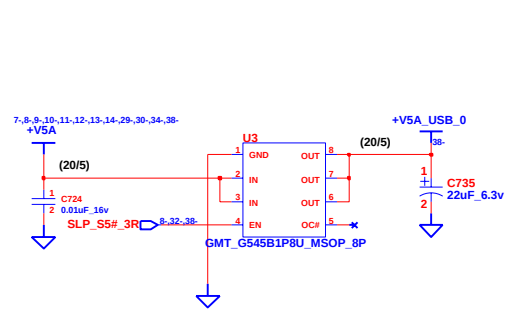


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SIZE A3	CODE CS	DOC. NUMBER Model No	REV AX1

CHANGE by Smit 15-Mar-2007

SHEET 37 OF 48

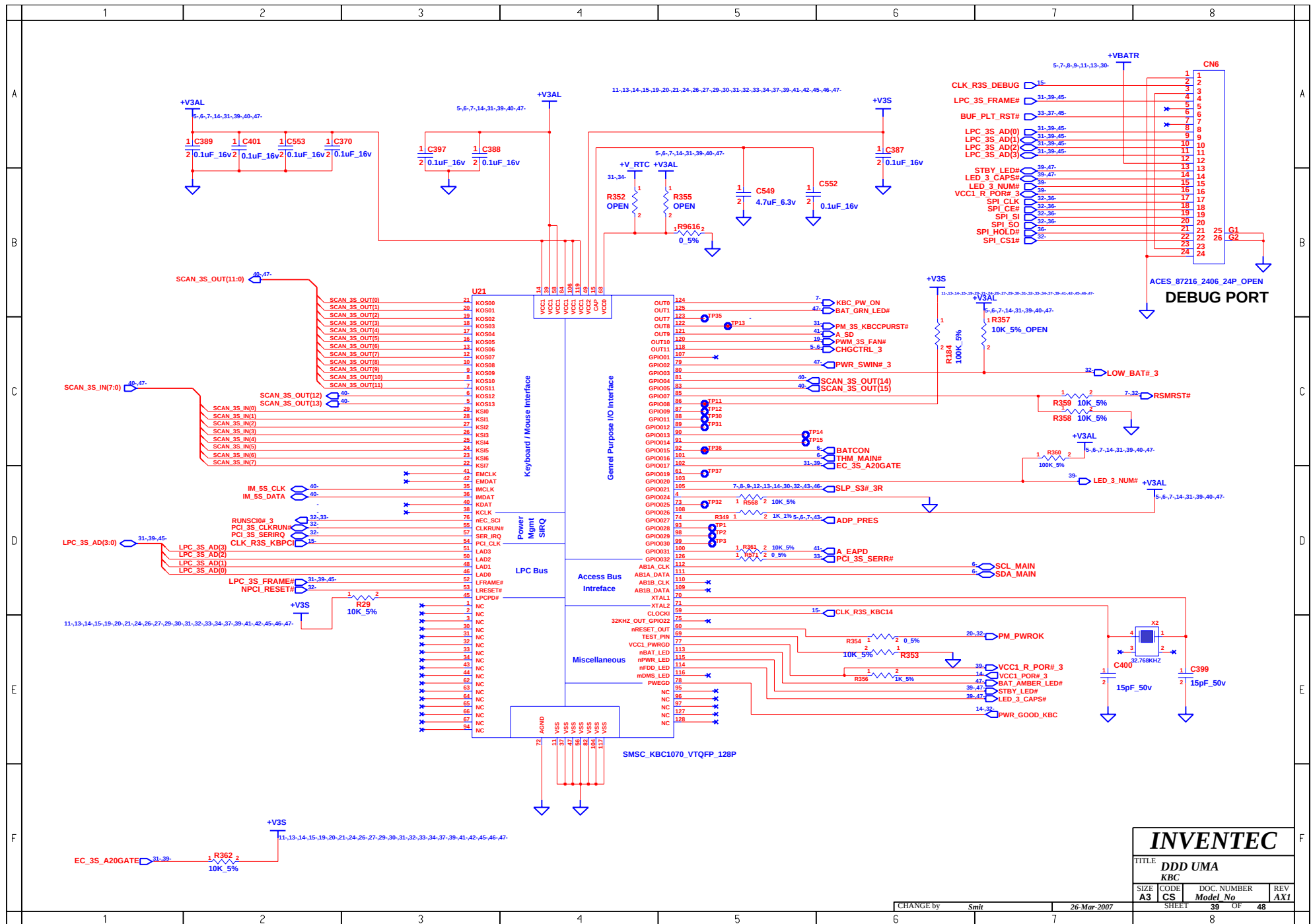


Close to USB CON

INVENTEC

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

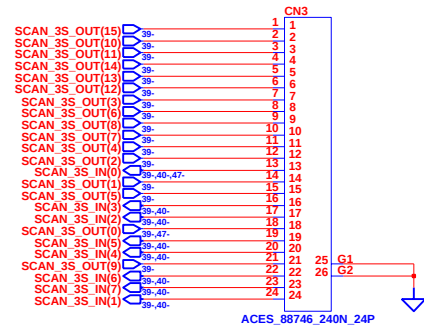
CHANGE by Smit 15-Mar-2007



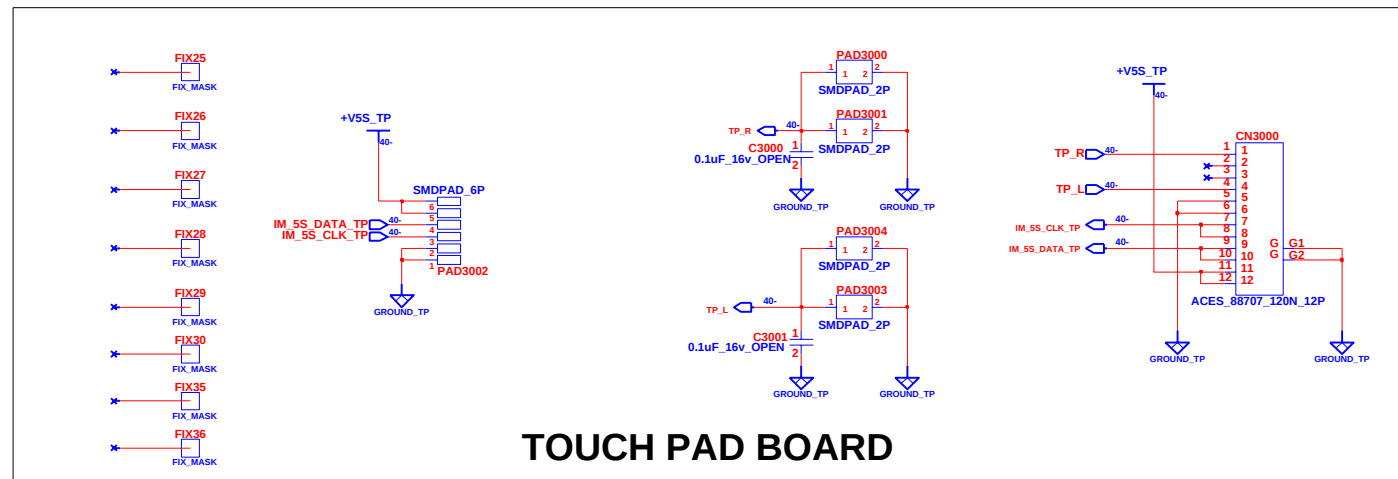
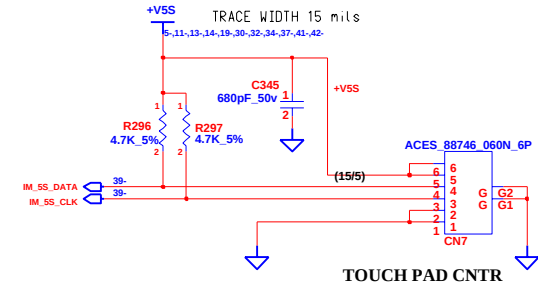
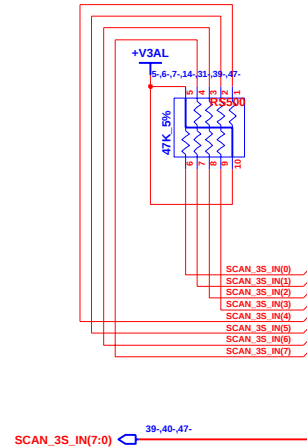
INVENTEC

TITLE			
DDD UMA			
KBC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		39	OF 48

CHANGE by Smit 26-Mar-2007



KEYBOARD CONN



TOUCH PAD BOARD

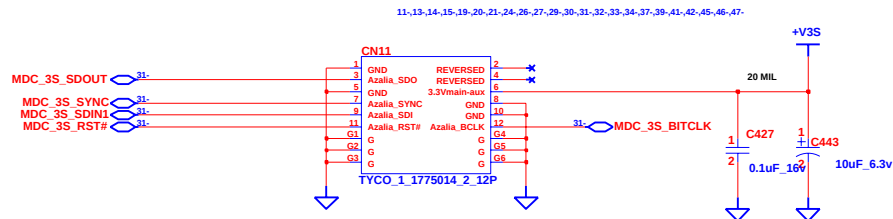
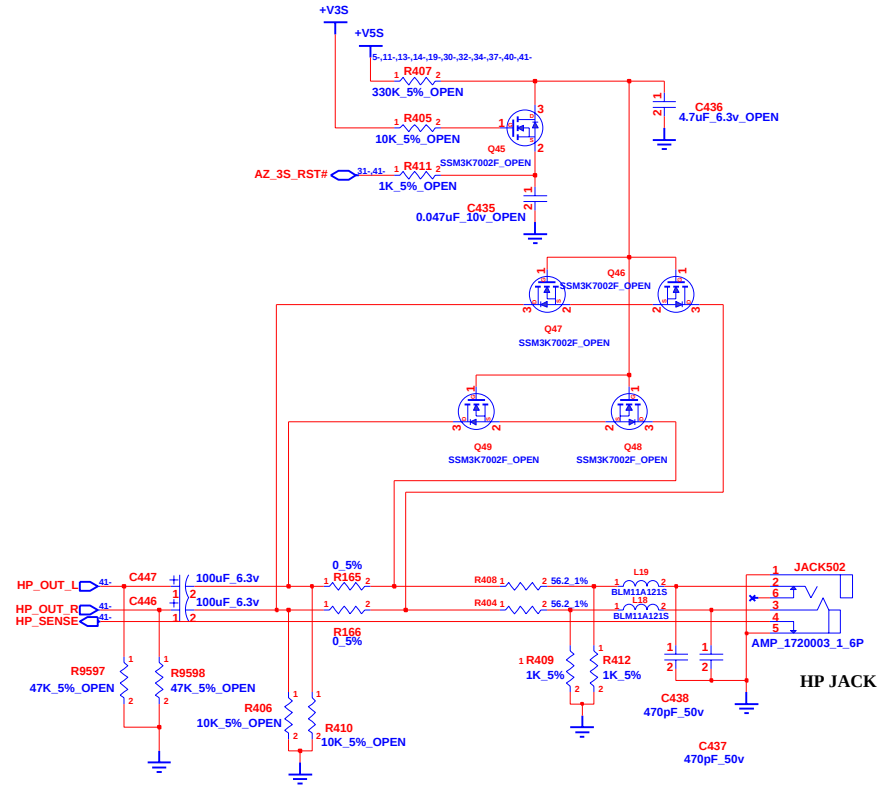
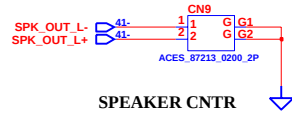
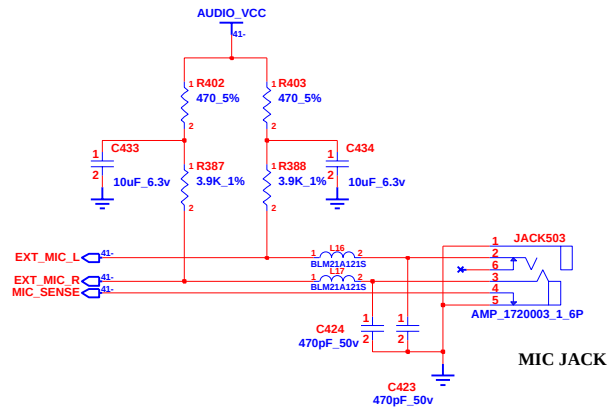
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TITLE			
DDD UMA			
KB & TP CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 15-Mar-2007

SHEET 40 OF 48

TITLE DDD UMA			
AUDIO CODEC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1
SHEET		41 OF	48



MDC CNTR

INVENTEC

TITLE
DDD UMA
MDC CNTR

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

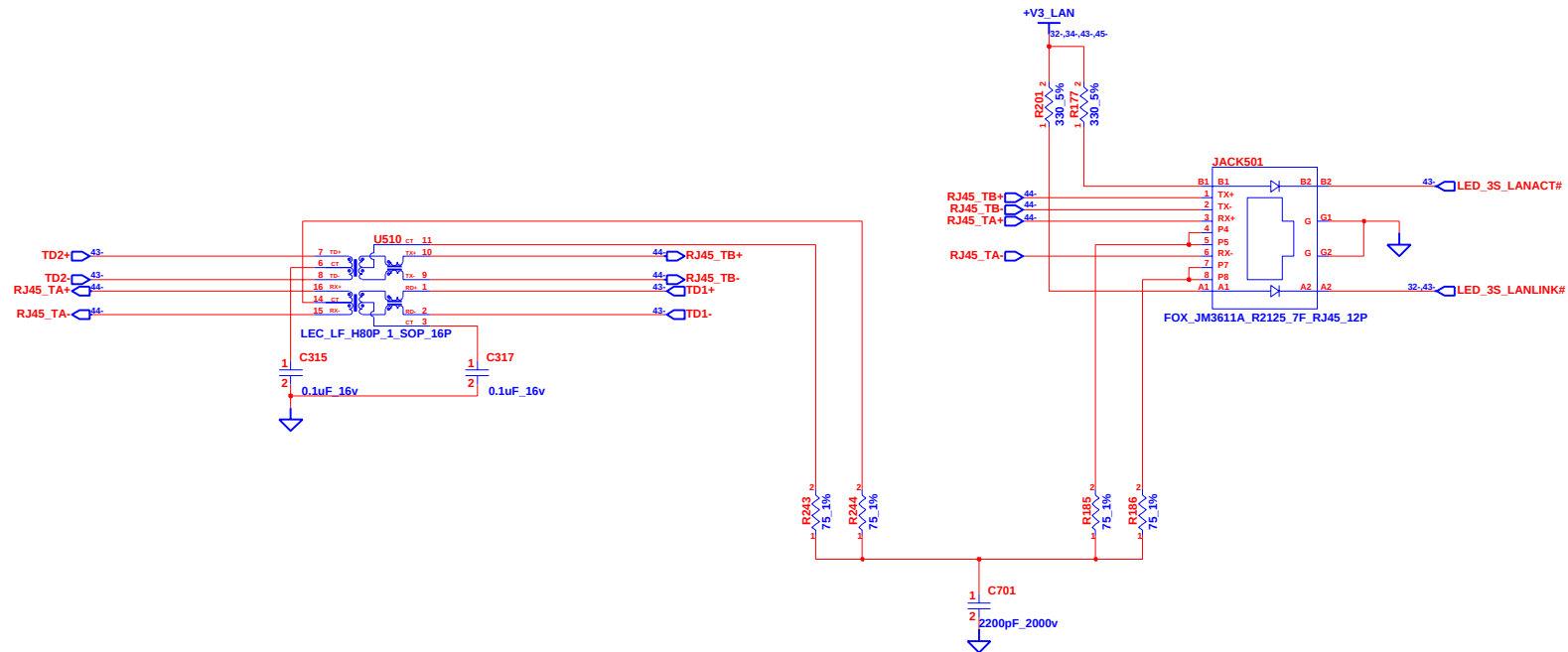
CHANGE by Smit 15-Mar-2007

SHEET 42 OF 48

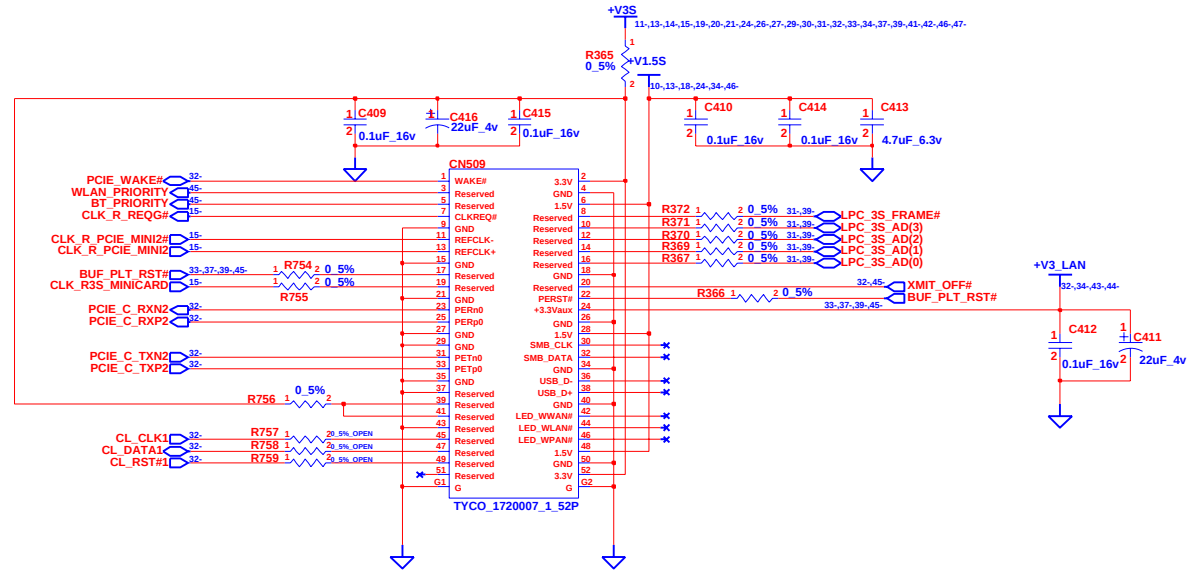
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV. AX
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CHANGE by	<i>Smit</i>	28-Mar-2007
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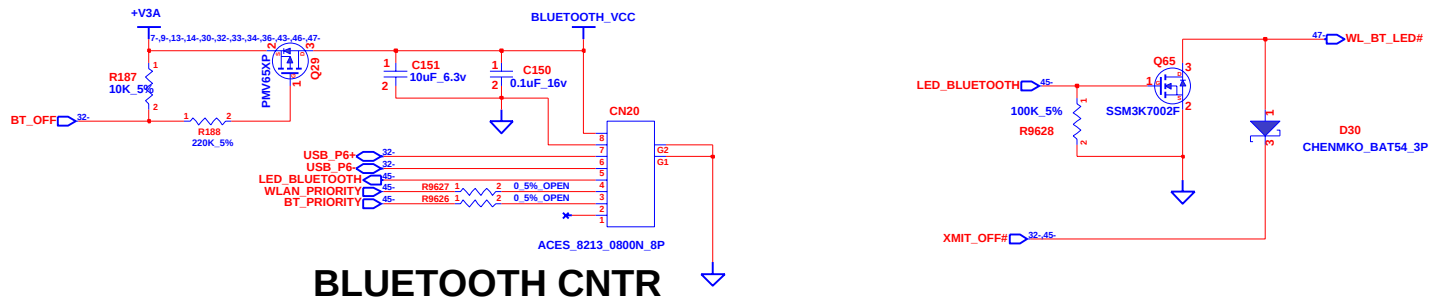
CS	Model No		
SHEET	43	OF	48



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



WLAN CNTR



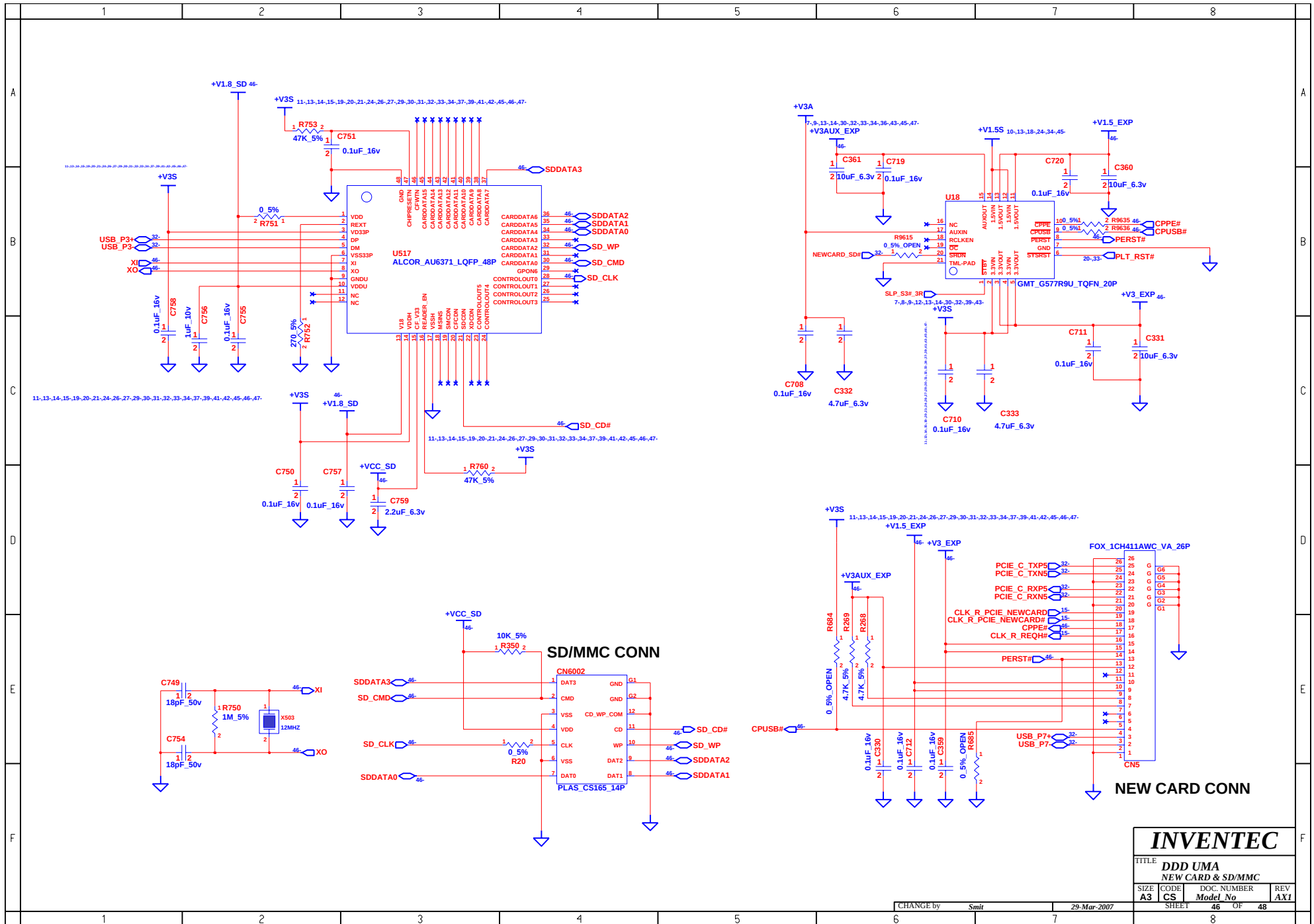
BLUETOOTH CNTR

INVENTEC

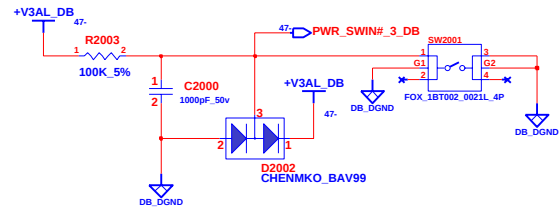
TITLE			
DDD UMA			
MINICARD & BT CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AX1

CHANGE by Smit 23-Mar-2007

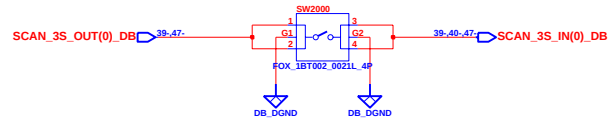
SHEET 45 OF 48



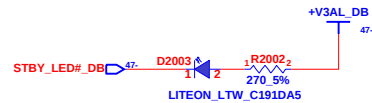
POWER BUTTON



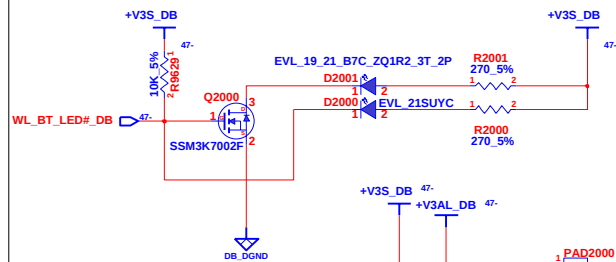
WIRELESS BUTTON



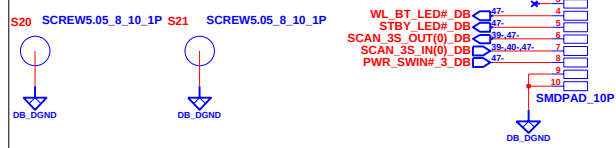
POWER / STANDBY LED



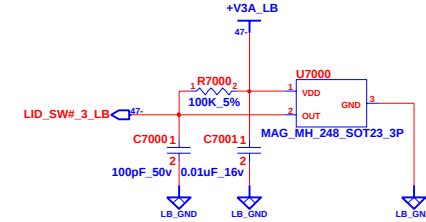
WLAN LED



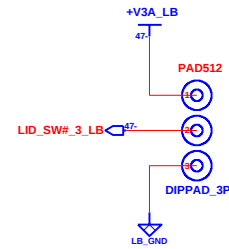
LED&SWITCH BOARD



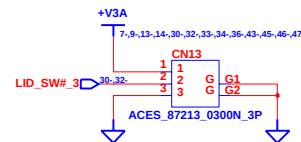
LID SWITCH



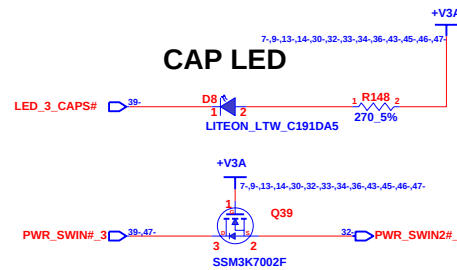
LID SW/B



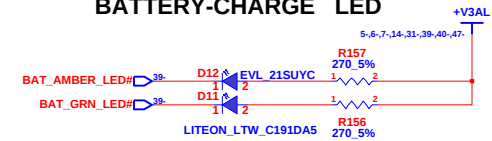
LID SW/B CNTR



CAP LED



BATTERY-CHARGE LED

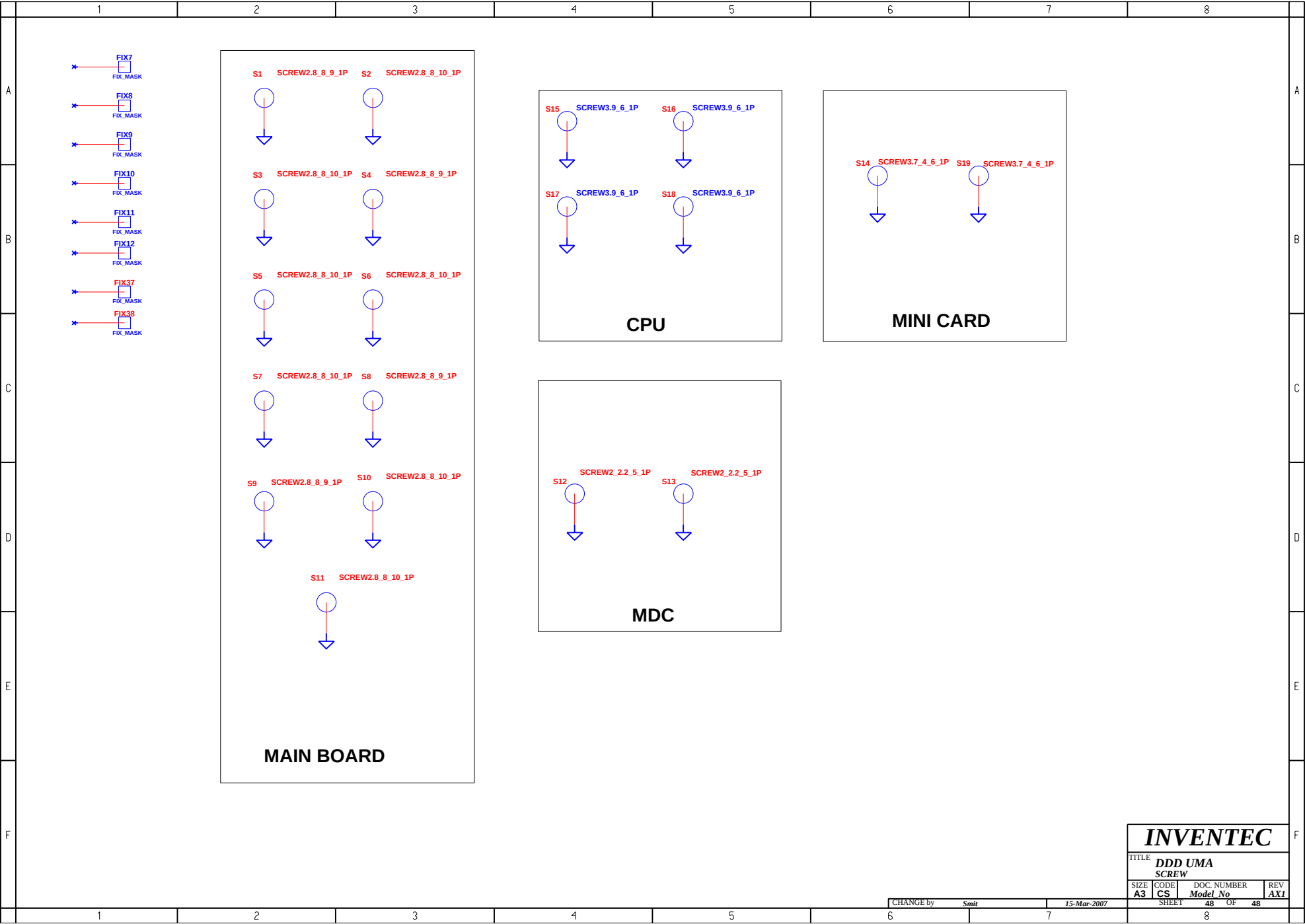


INVENTEC

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

CHANGE by Smit 23-Mar-2007

SHEET 47 OF 48



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