

DDD Discrete GDDR2
PV Build

2007.06.15

DATE	CHANGE NO.	REV
1		2

DRAWER	EE	DATE	POWER	DATE	INVENTEC		
DESIGN					TITLE		
CHECK					DDD Discrete		
RESPONSIBLE							
SIZE = 3					SIZE	CODE	DOC. NUMBER
FILE NAME : XXXX-XXXXXX-XX					A3	CS	Model No
P/N	XXXXXXXXXXXX				SHEET	1	OF 55

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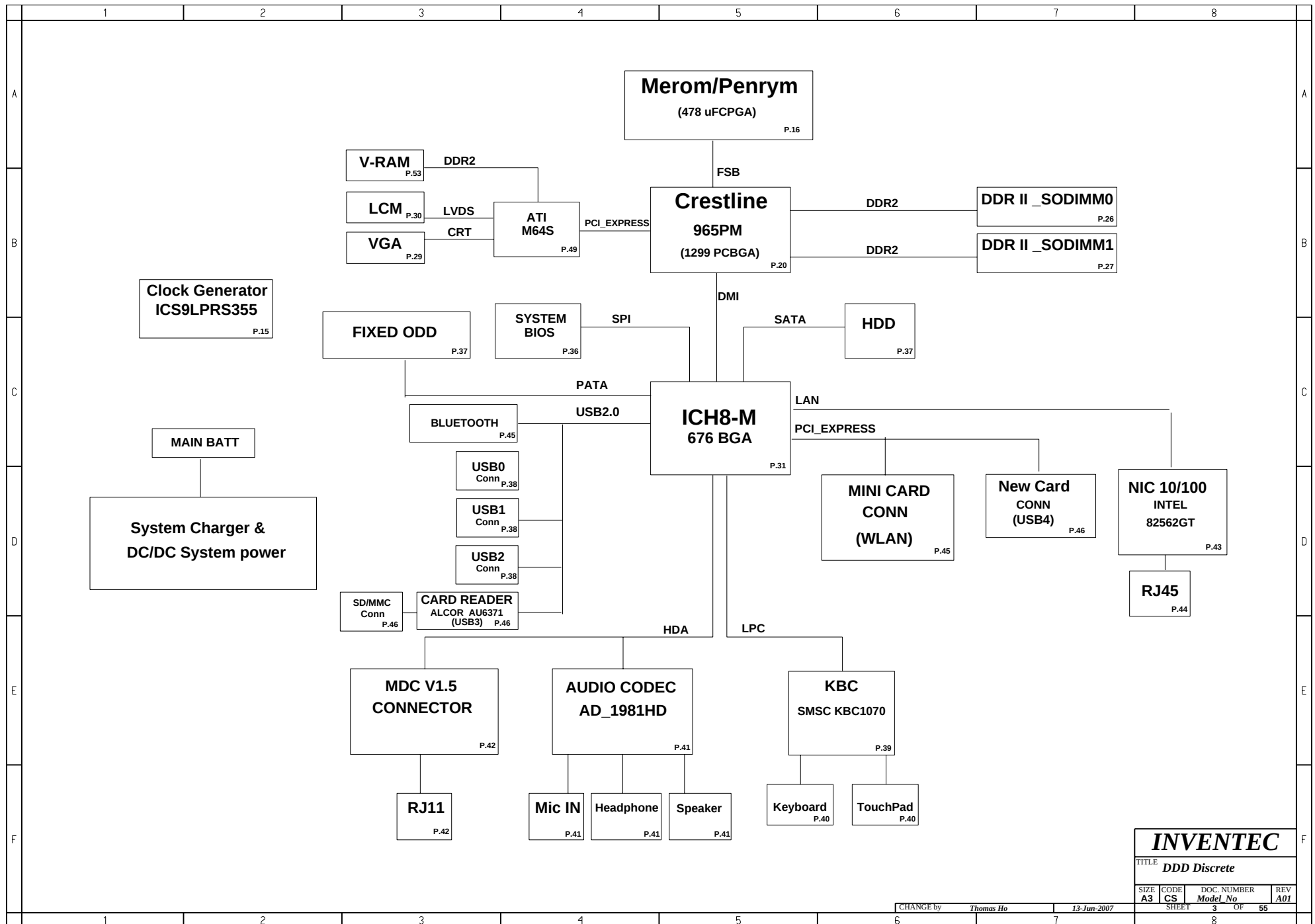
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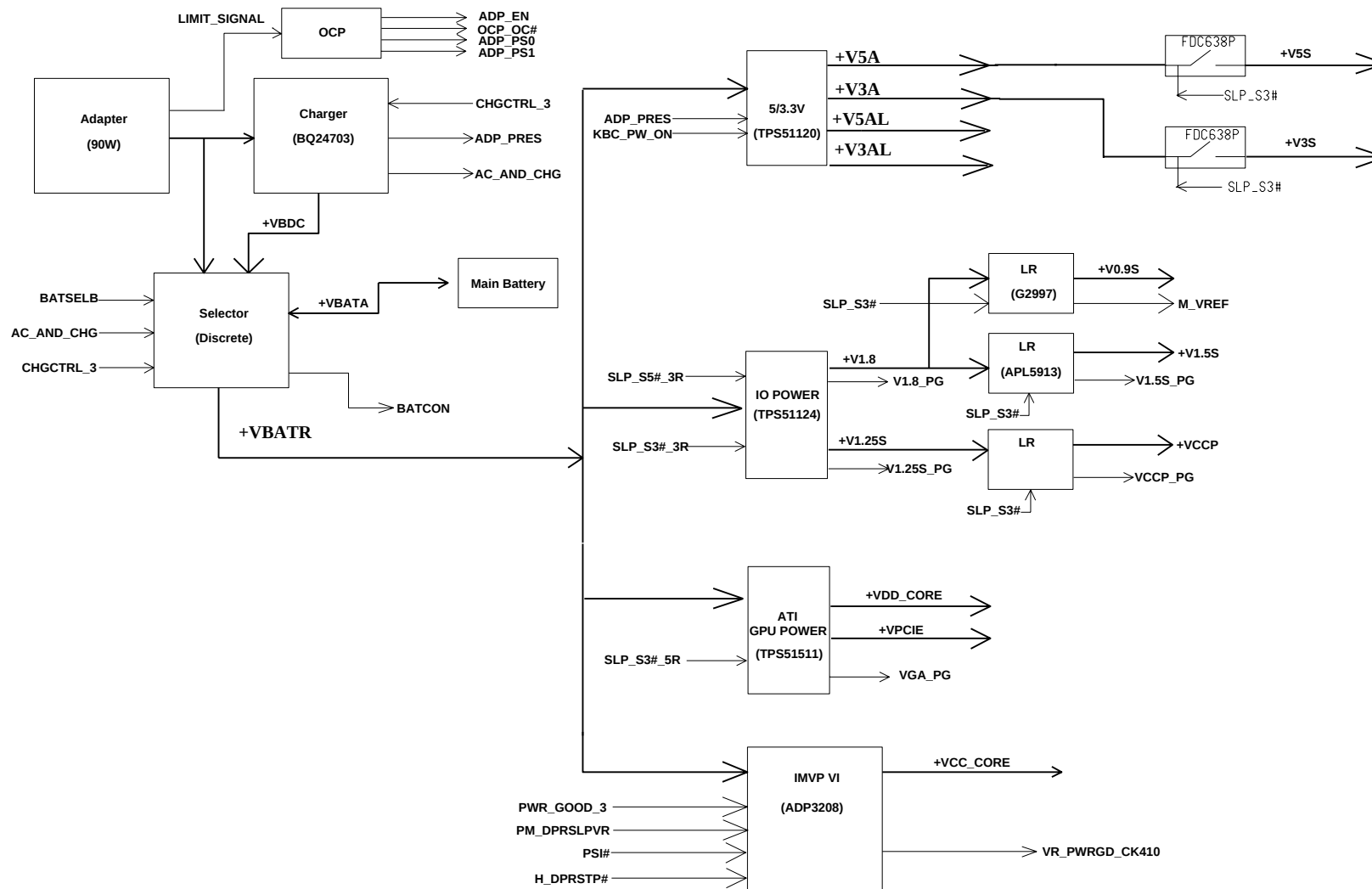
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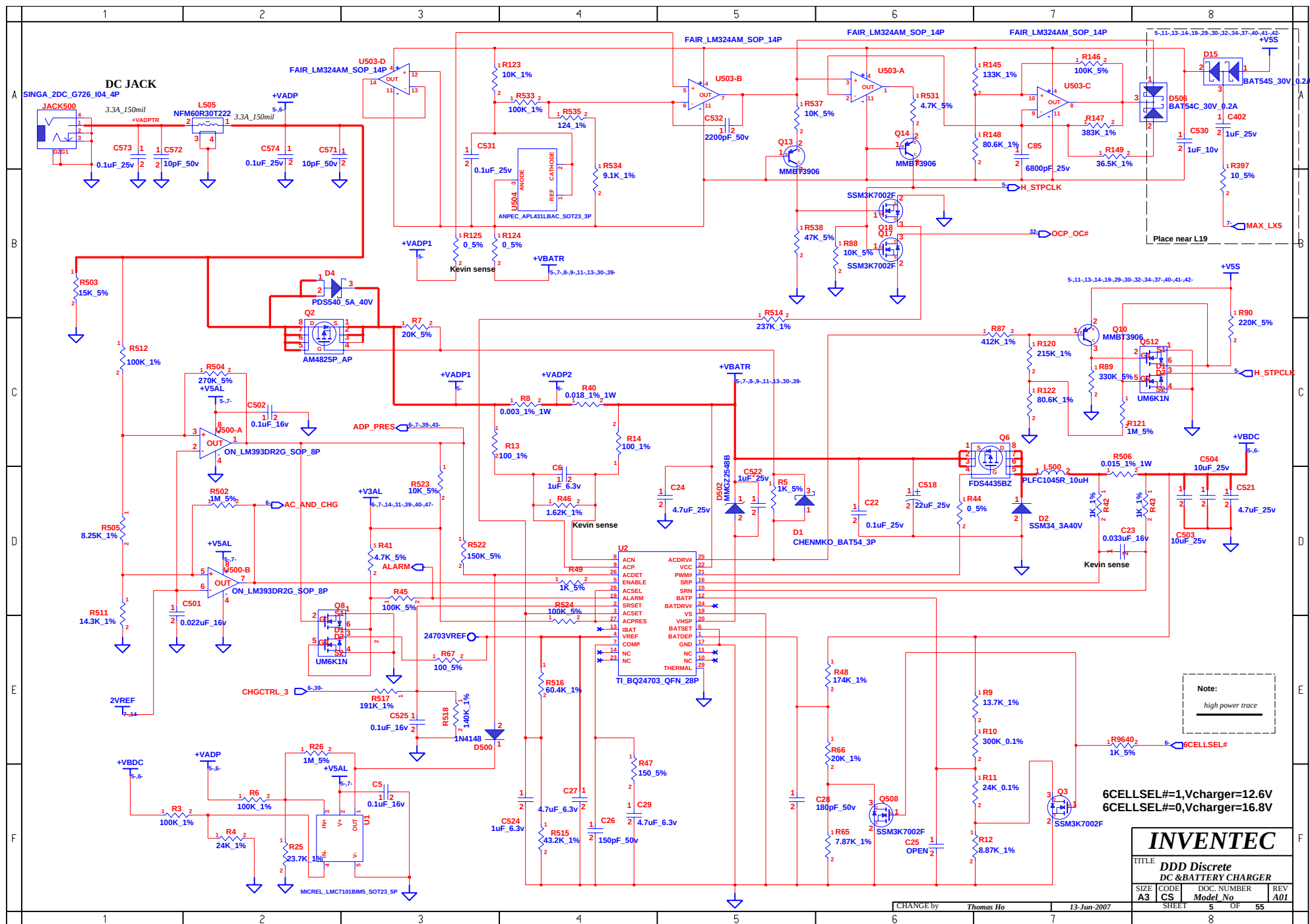
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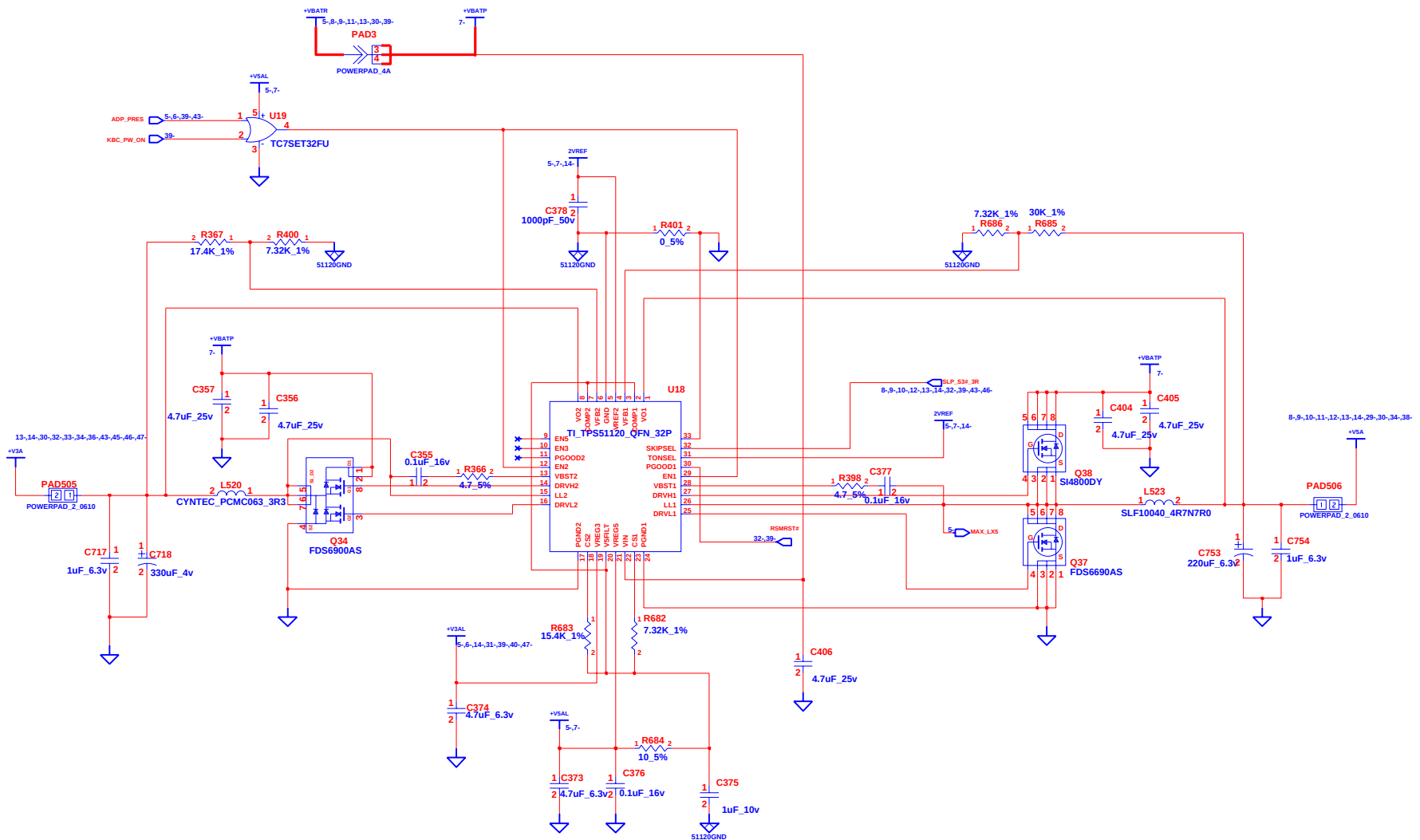
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
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CHANGE by **Thomas Ho** 13-Jun-2007SHEET **2** OF **55**



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DDD DiscreteSIZE CODE DOC. NUMBER REV
A3 CS Model No A01CHANGE by **Thomas Ho** 13-Jun-2007SHEET **4** OF **55**



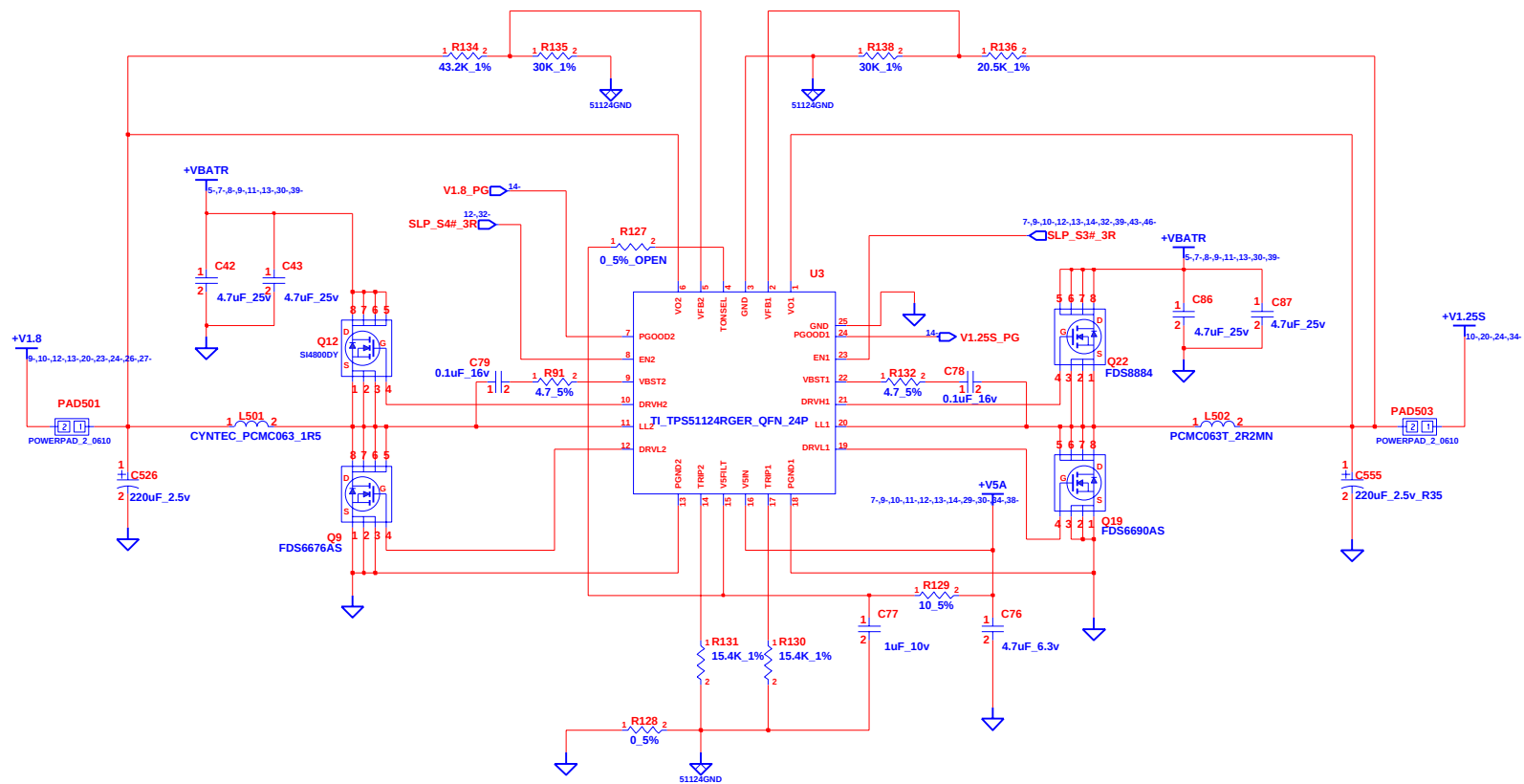


INVENTEC

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DDD Discrete			
SYSTEM POWER(3V/5V/12V)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Thomas Ho 13-Jun-2007

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INVENTEC

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DDD Discrete			
SYSTEM POWER(+V1.8/+V1.25S)			
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A3	CS	Model No	A01

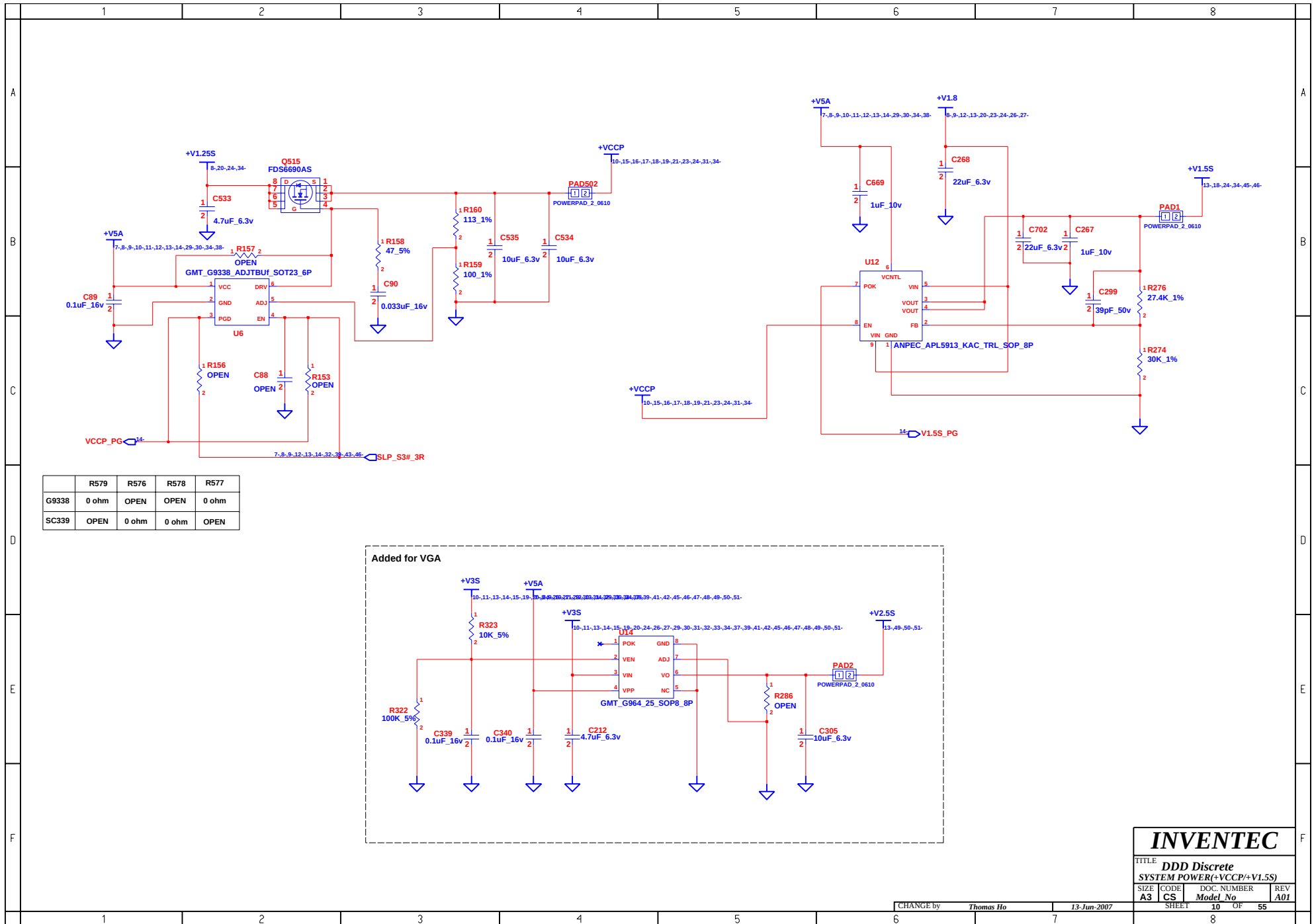
CHANGE by Thomas Ho 13-Jun-2007

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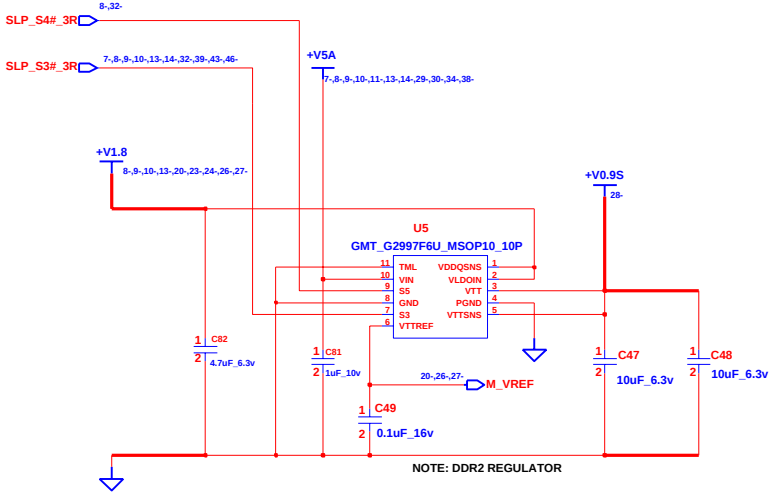
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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A01
SHEET		9	OF 55

CHANGE by	<i>Thomas Ho</i>	2-Jun-2007
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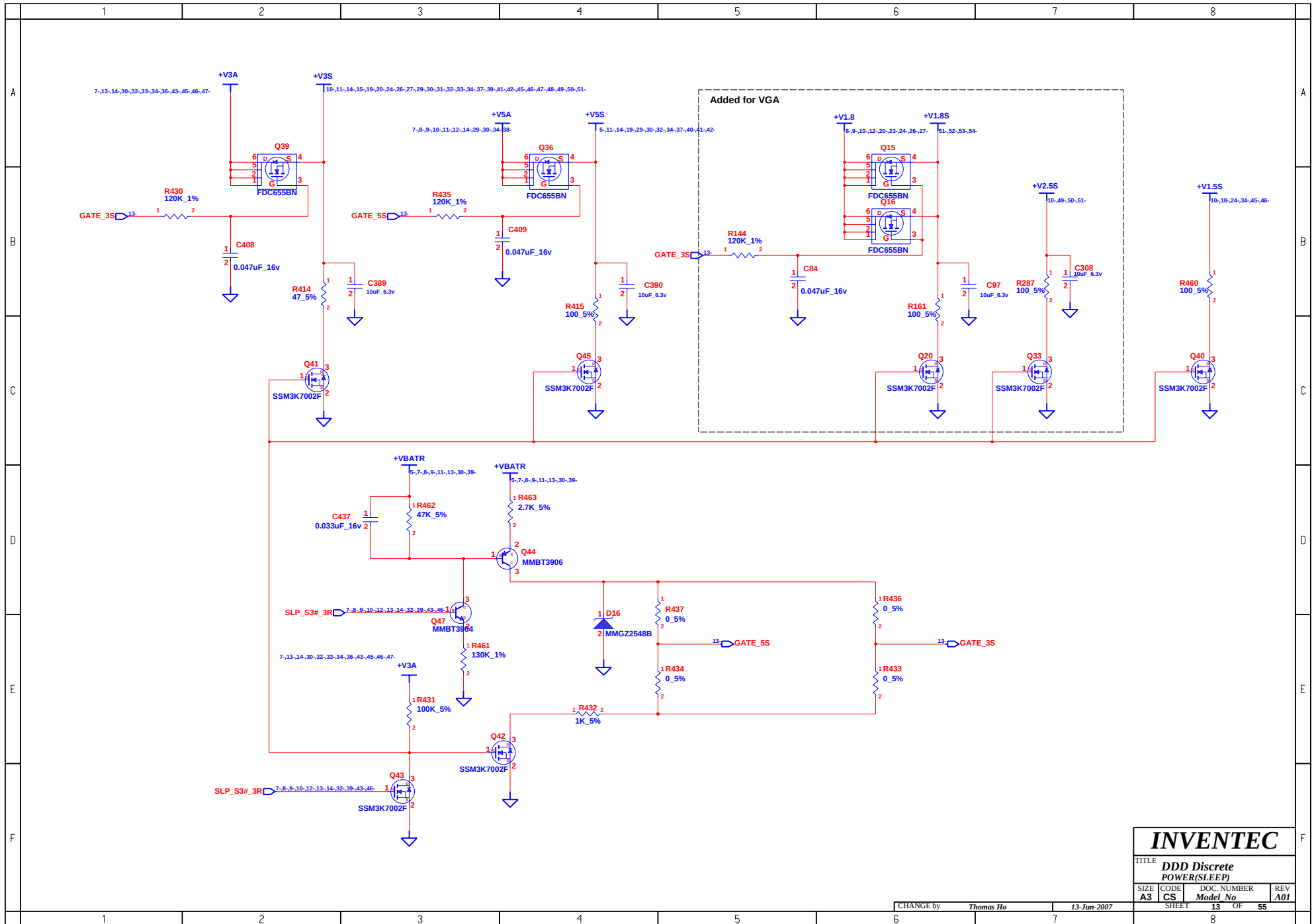
CS	Model No		
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INVENTEC			
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SYSTEM POWER(+VCCP/+V1.5S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
CHANGE by		13-Jun-2007	
Thomas Ho			
SHEET		10	OF 55



INVENTEC			
TITLE DDD Discrete DDR TERMINATION VOLTAGE			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Thomas Ho		2-Jun-2007	
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1		8	



INVENTEC

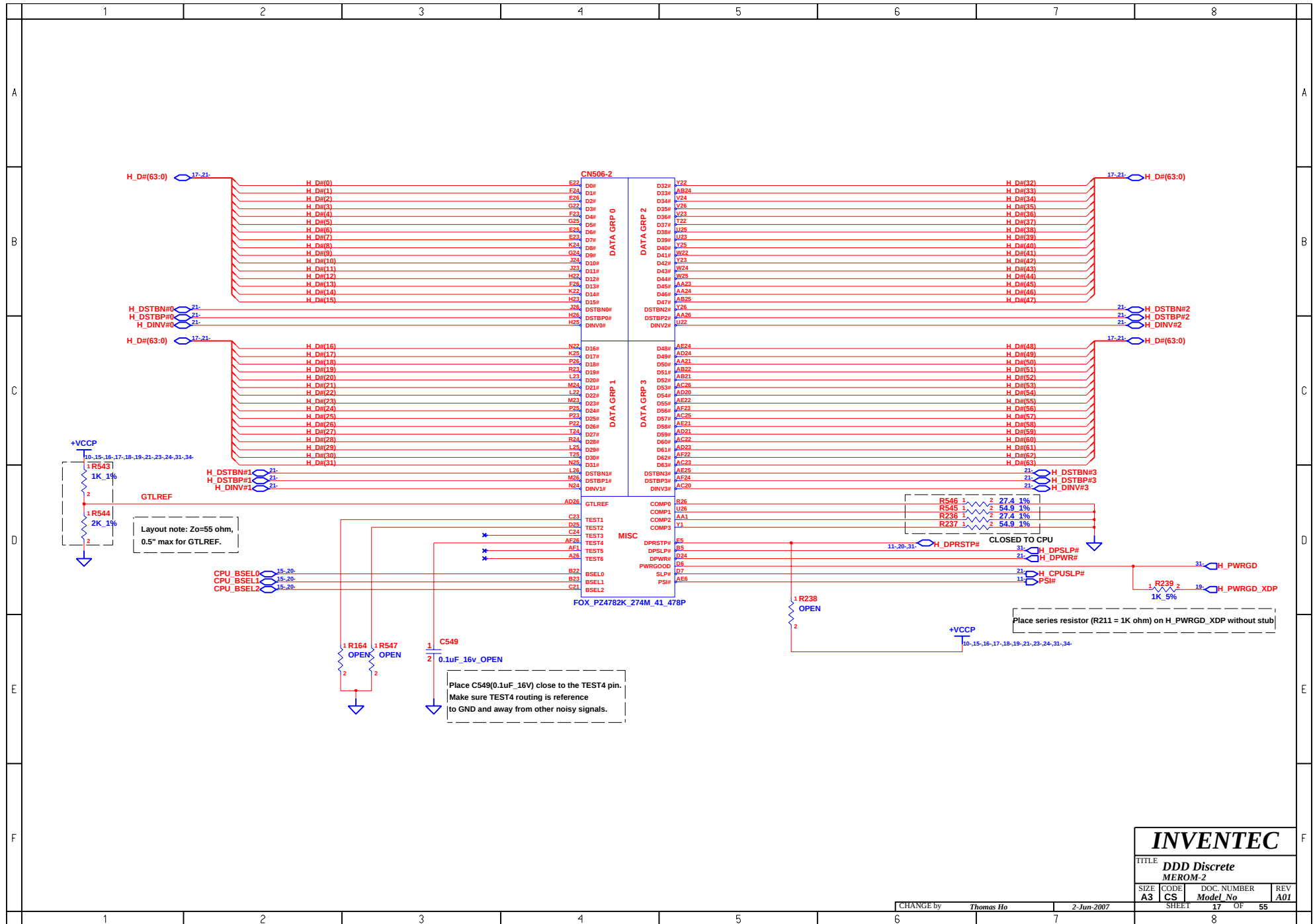
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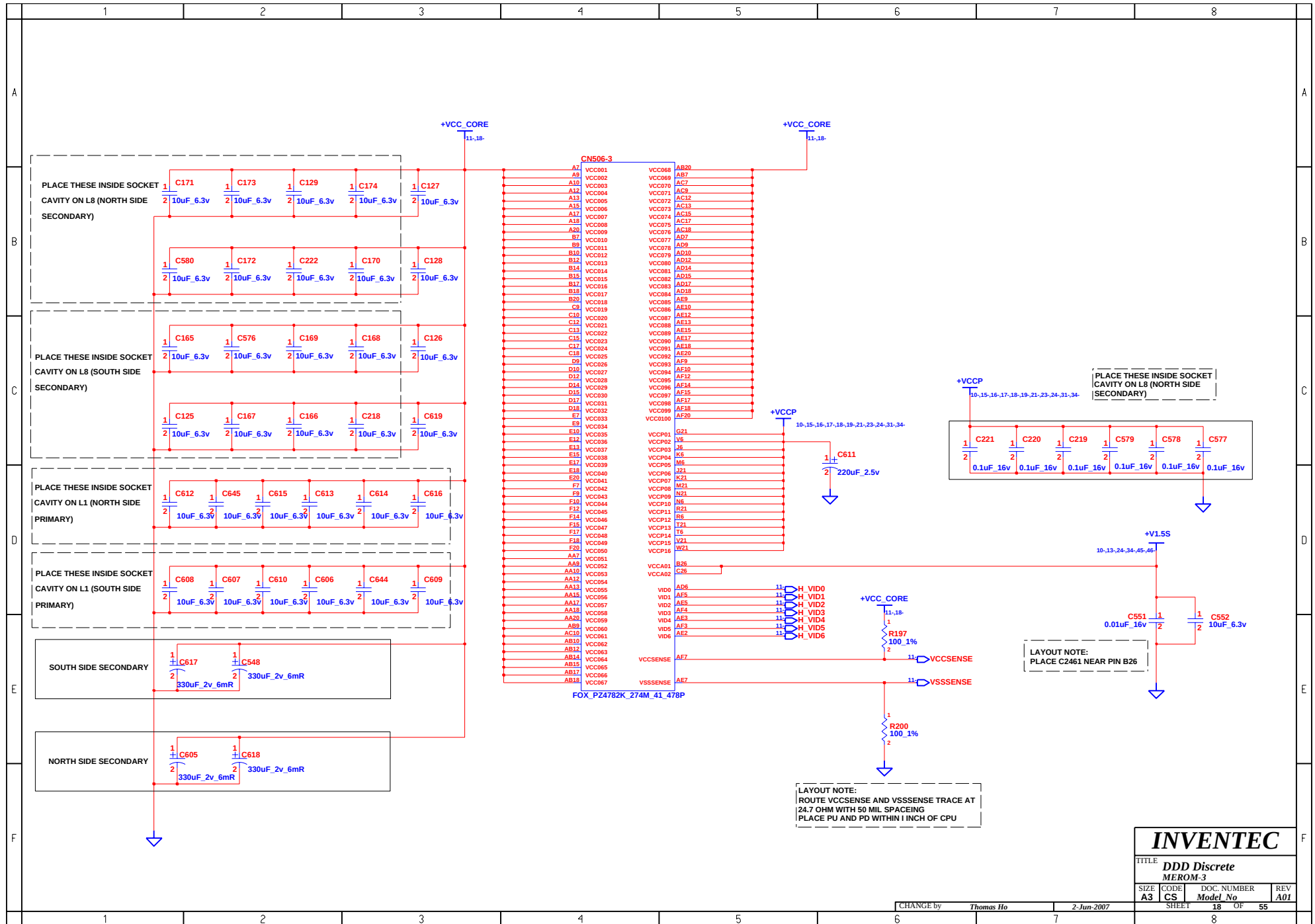
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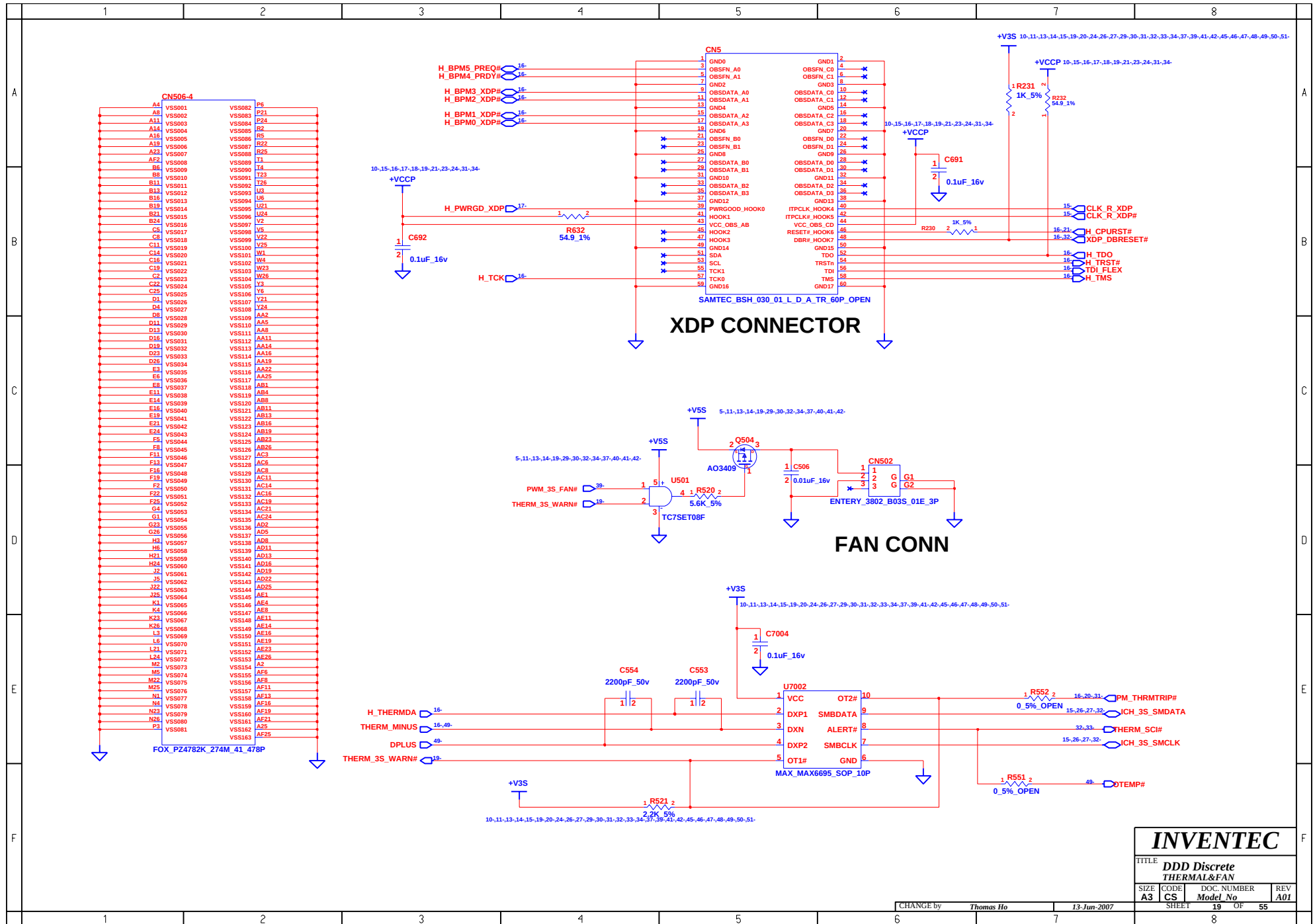
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	A01

CHANGE by	<i>Thomas Ho</i>	<i>13-Jun-2007</i>
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CS Model No
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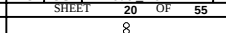


Figure 1: Schematic representation of the 15 PEG-C-TXN constructs. Each construct is a linear polymer with a PEG chain (red) and a TXN chain (blue). The PEG chain is labeled 'PEG_TXN' and the TXN chain is labeled 'TXN'. The constructs are numbered 1 to 15. The PEG chain length is 20 kDa and the TXN chain length is 10 kDa. The constructs are: PEG_TXN1 (20 kDa PEG, 10 kDa TXN), PEG_TXN2 (20 kDa PEG, 10 kDa TXN), PEG_TXN3 (20 kDa PEG, 10 kDa TXN), PEG_TXN4 (20 kDa PEG, 10 kDa TXN), PEG_TXN5 (20 kDa PEG, 10 kDa TXN), PEG_TXN6 (20 kDa PEG, 10 kDa TXN), PEG_TXN7 (20 kDa PEG, 10 kDa TXN), PEG_TXN8 (20 kDa PEG, 10 kDa TXN), PEG_TXN9 (20 kDa PEG, 10 kDa TXN), PEG_TXN10 (20 kDa PEG, 10 kDa TXN), PEG_TXN11 (20 kDa PEG, 10 kDa TXN), PEG_TXN12 (20 kDa PEG, 10 kDa TXN), PEG_TXN13 (20 kDa PEG, 10 kDa TXN), PEG_TXN14 (20 kDa PEG, 10 kDa TXN), PEG_TXN15 (20 kDa PEG, 10 kDa TXN).

Layout notes:
 Trace need be 10 mils wide with 20 mils

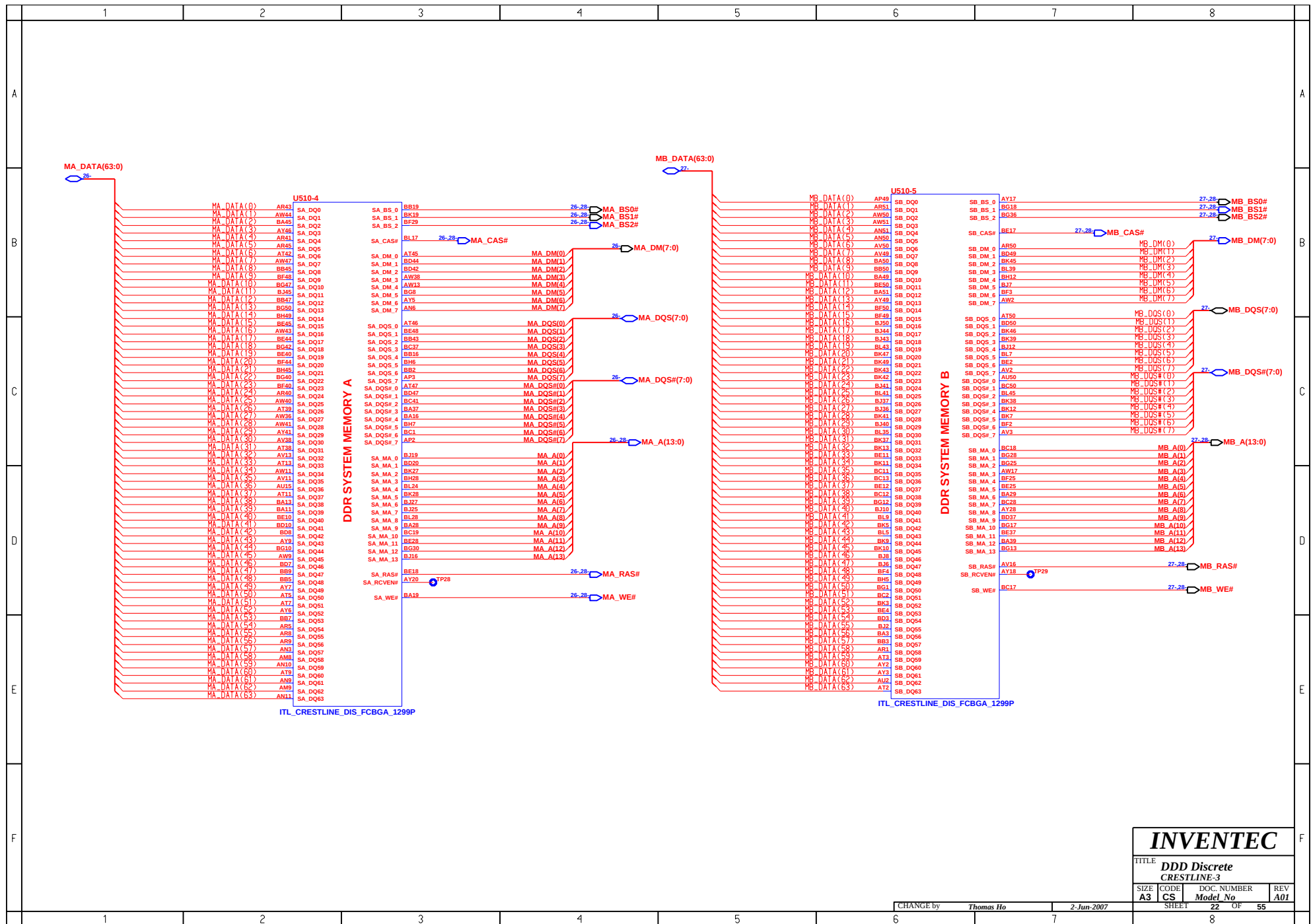
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MCH_HRCOMP	21-	C2	H_RCOMP
MCH_HSCOMP	21-	W1	H_SCOMP
MCH_HSCOMP#	21-	W2	H_SCOMP#
H_CPURST#	16-19	B6	H_CPURST#
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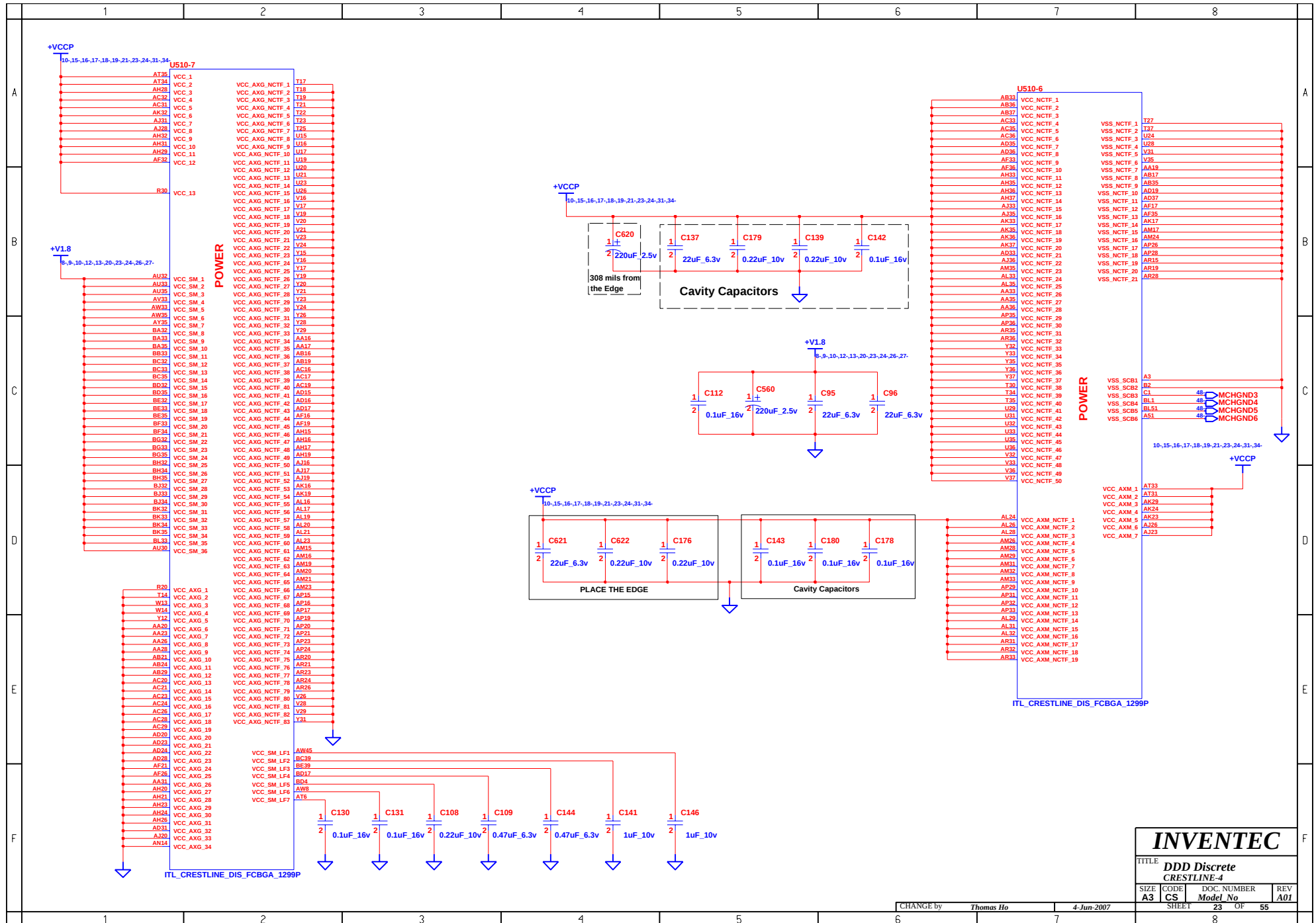
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H_Aff_3

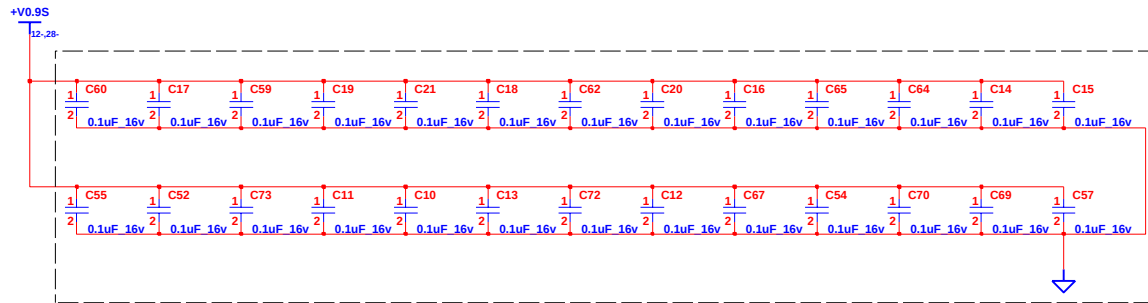
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
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CHANGE by	Thomas Ho	13-Jun-2007
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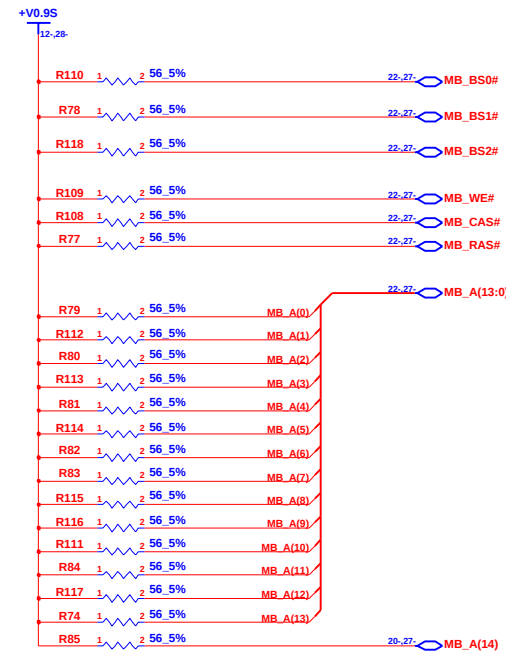
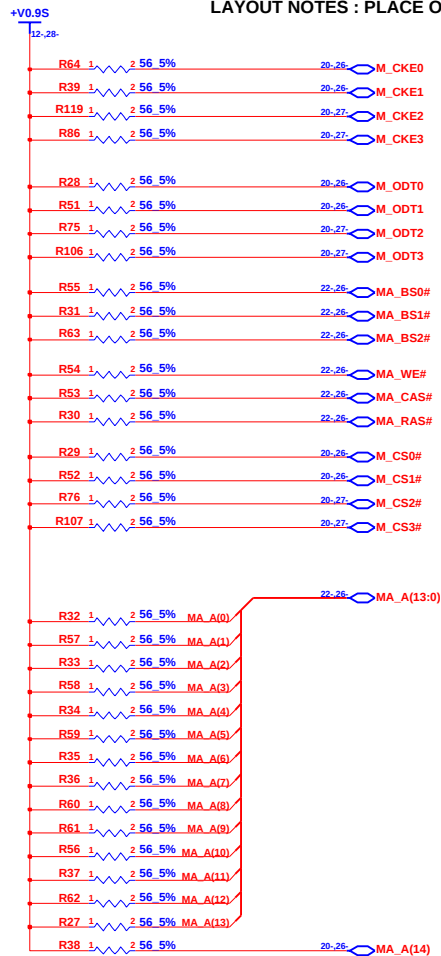




TITLE			
DDD Discrete <i>Cresline-5</i>			
SIZE	CODE	DOC. NUMBER	R
A3	CS	<i>Model No</i>	<i>A</i>
SHEET		24	OF 55



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



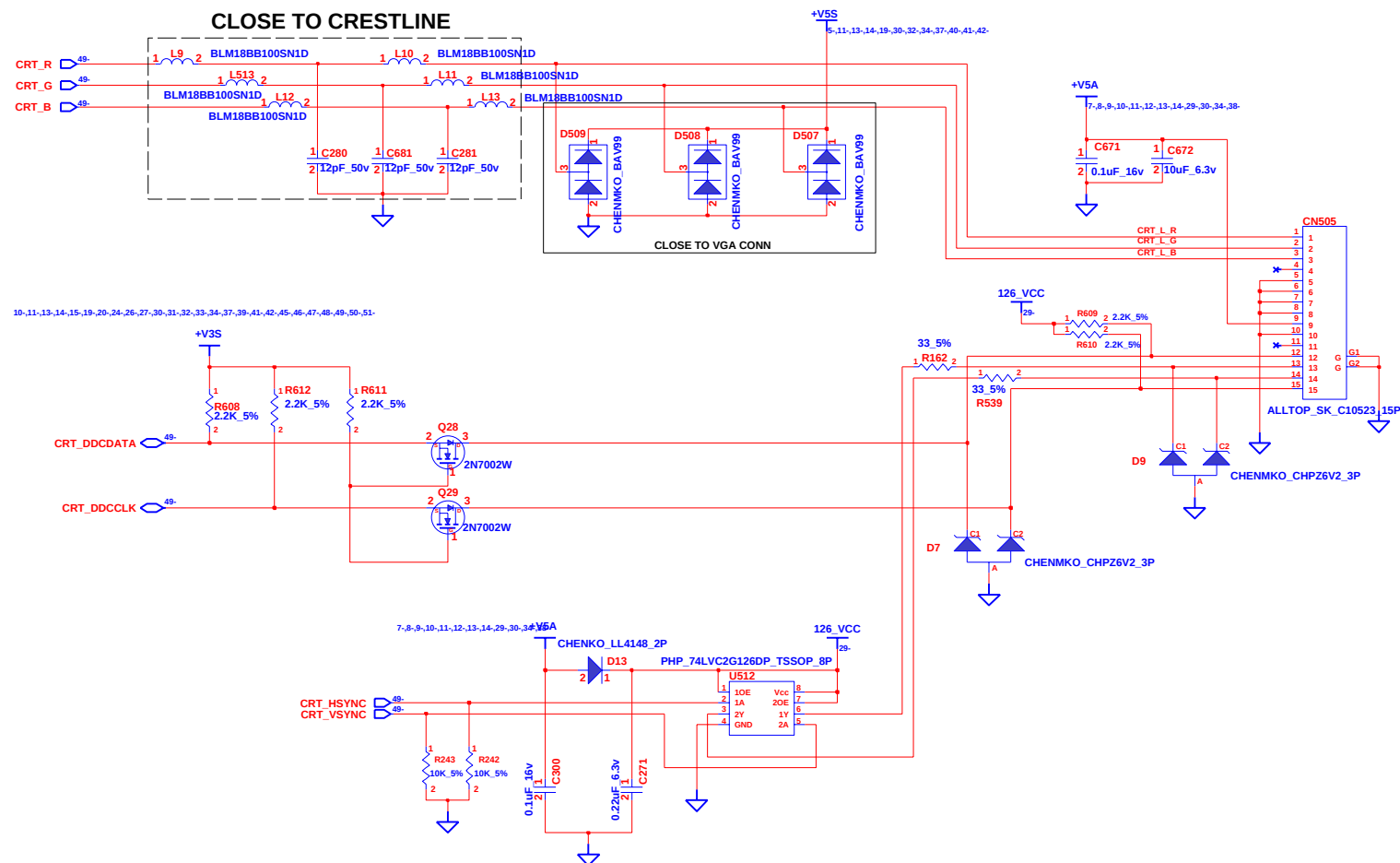
INVENTEC

TITLE
DDD Discrete
DDR2-DAMPING

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by **Thomas Ho** 27-Sep-2003

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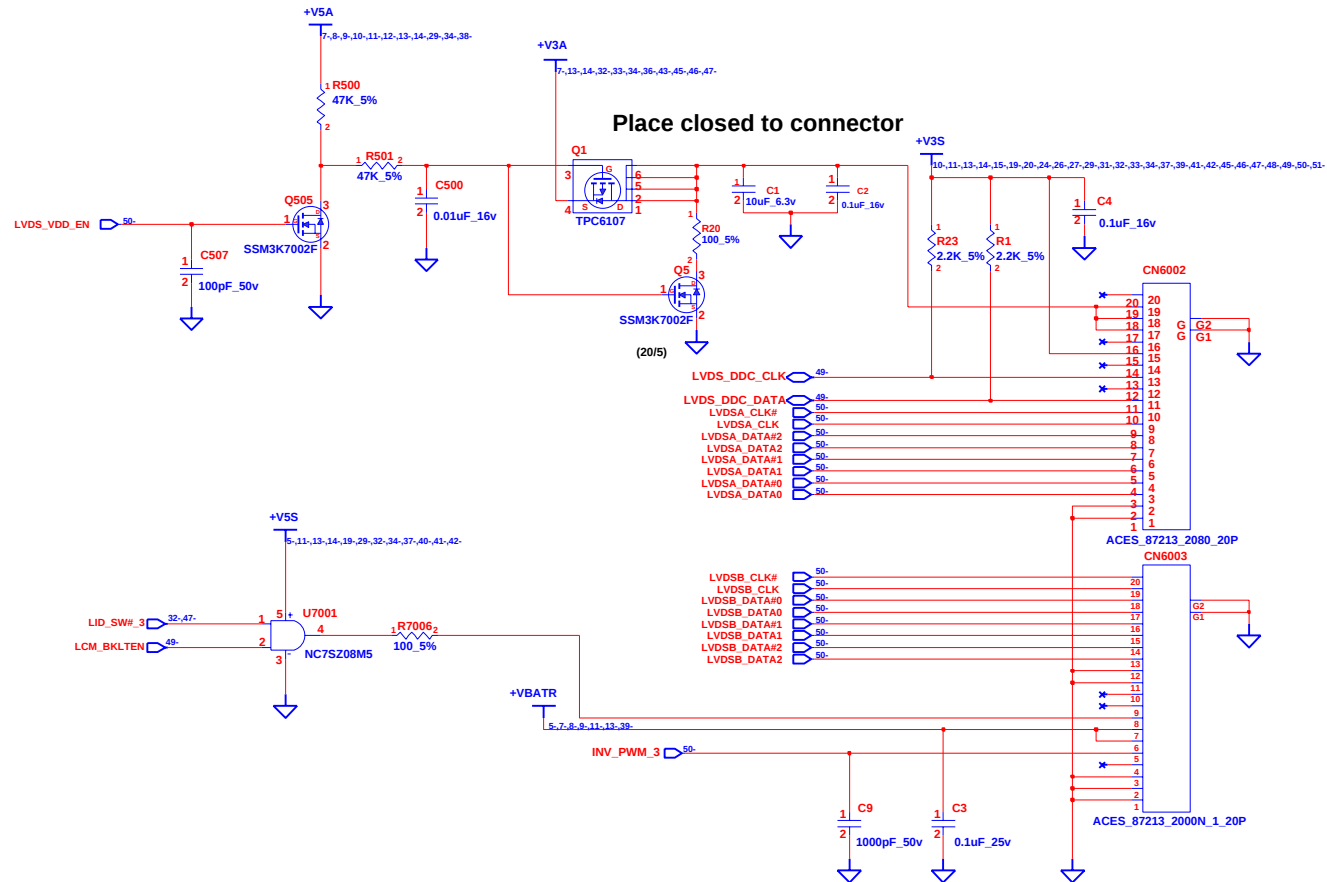
**INVENTEC**

TITLE
**DDD Discrete
VGA CONN**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Thomas Ho 2-Jun-2007

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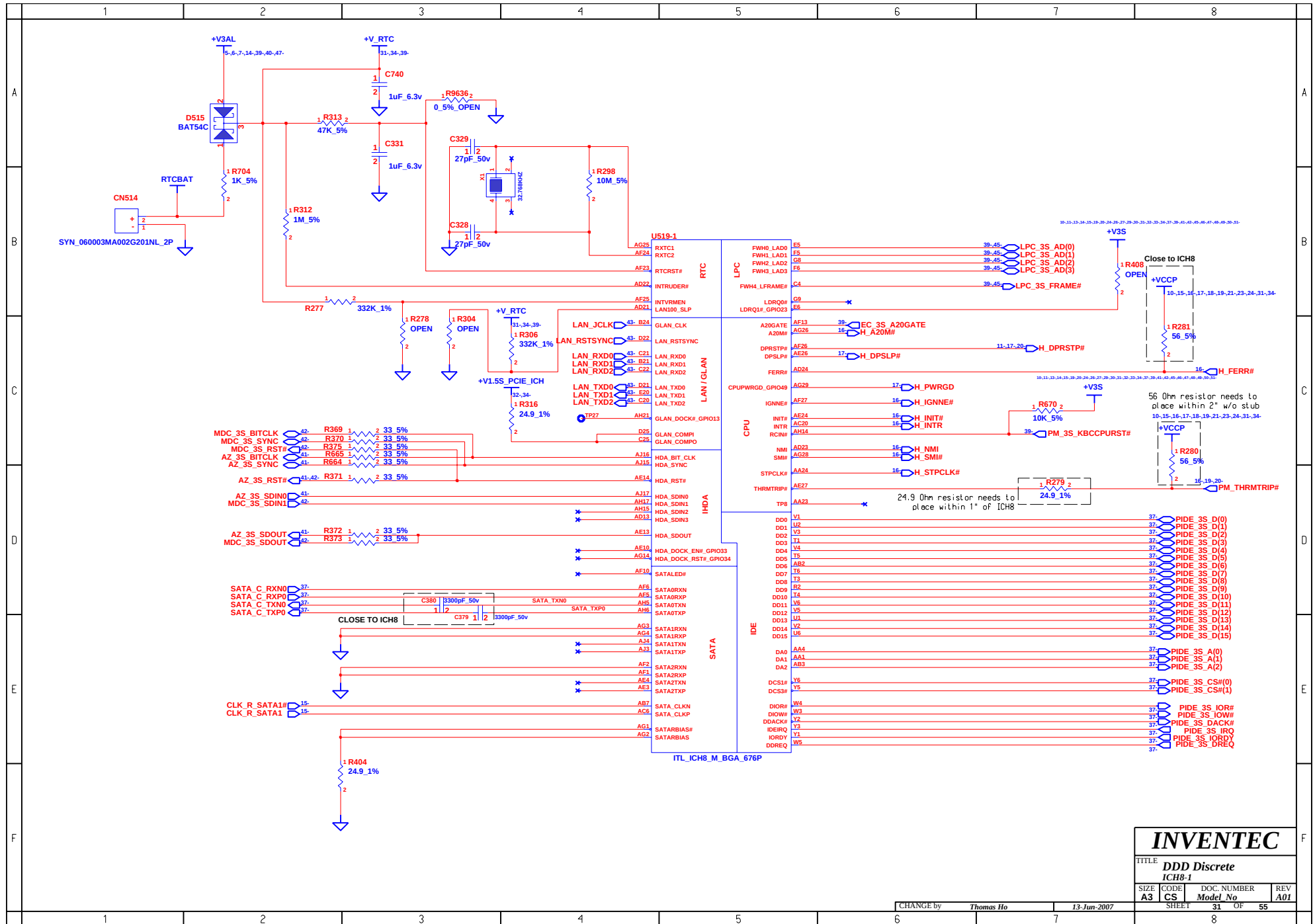
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TITLE
DDD Discrete
LCM CONN

SIZE CODE DOC. NUMBER REV
A3 CS Model No 30 OF 55 A01

CHANGE by Thomas Ho 13-Jun-2007

8



INVENTEC

TITLE
DDD Discrete
ICH8-1

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Thomas Ho 13-Jun-2007

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1

2

3

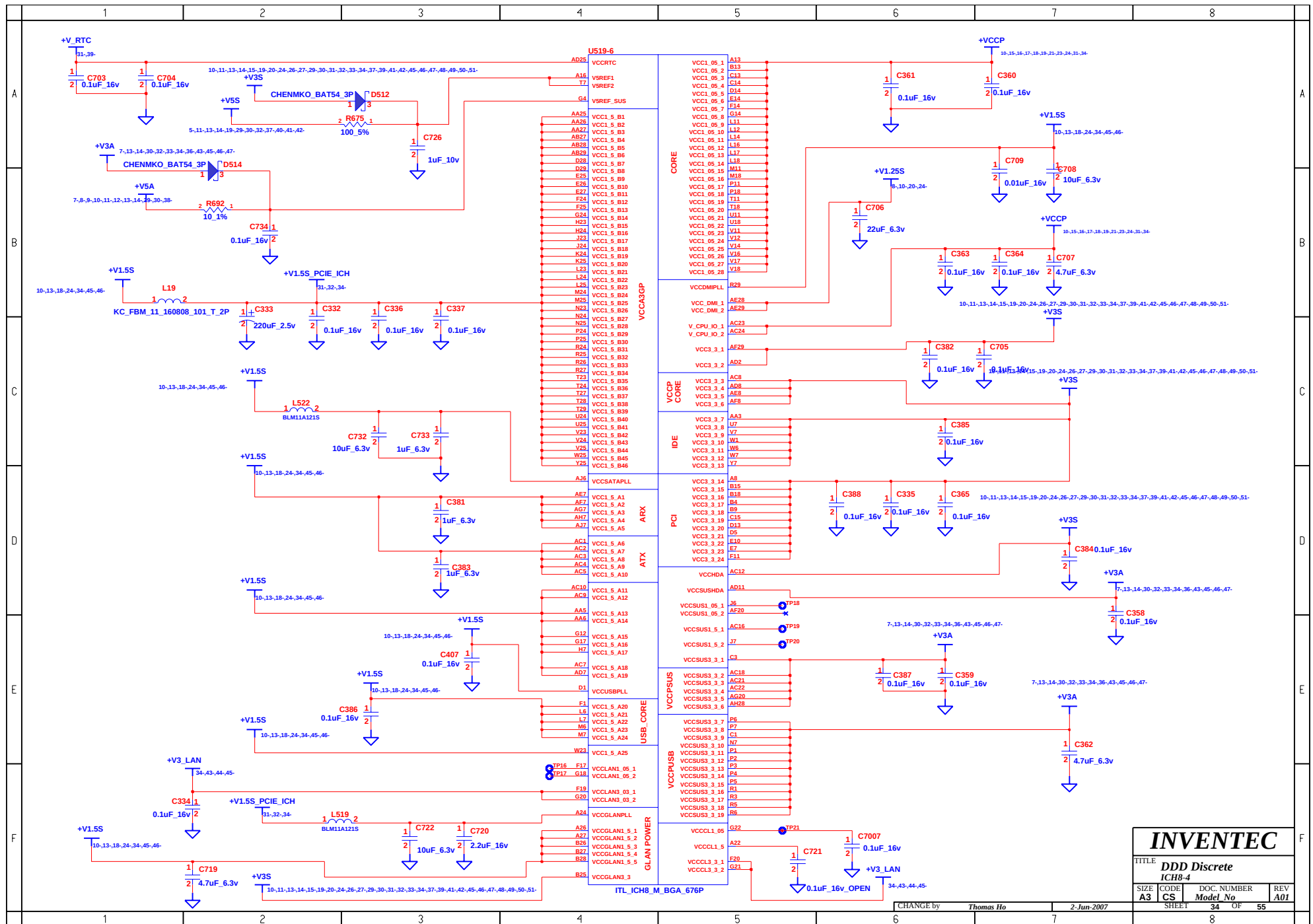
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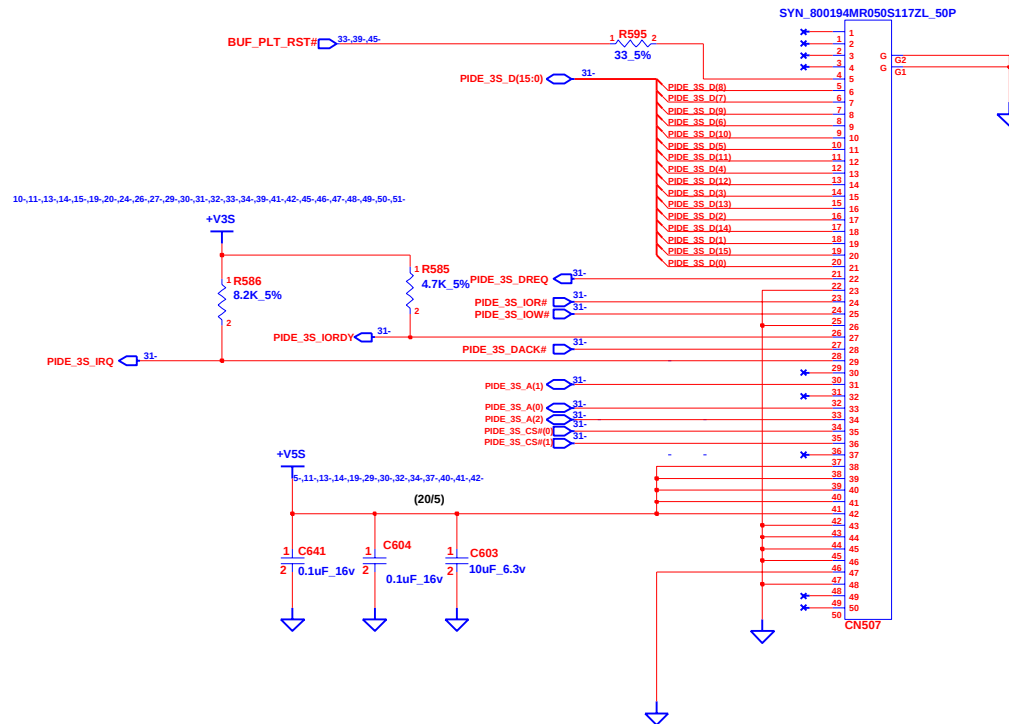
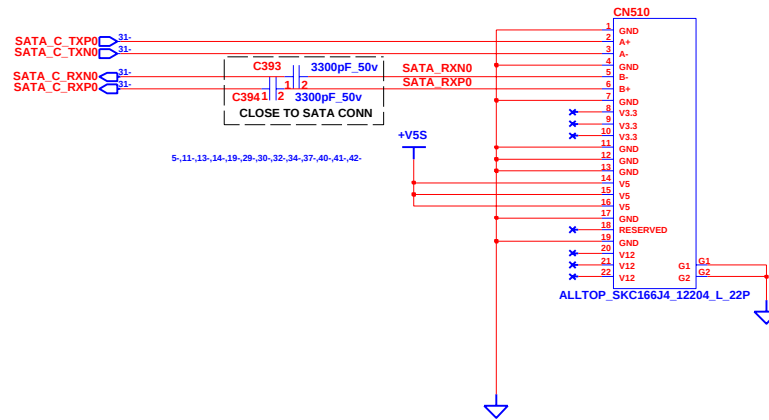


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SIZE A3	CODE CS	DOC. NUMBER Model No	R A

TITLE DDD Discrete			
SYSTEM BIOS&ODD EXT/B			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
SHEET		36	OF 55

CHANGE by	<i>Thomas Ho</i>	<i>13-Jun-2007</i>
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CS	Model No		
SHEET	36	OF	55

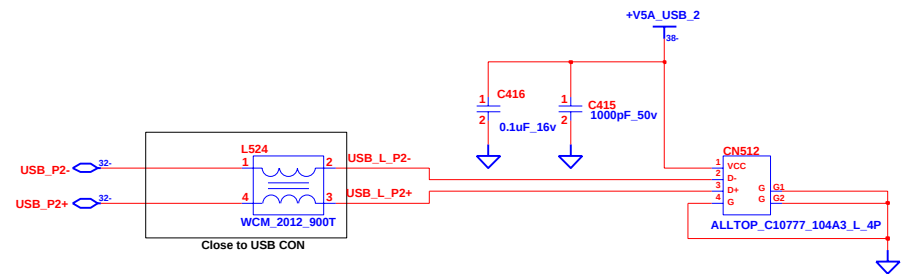
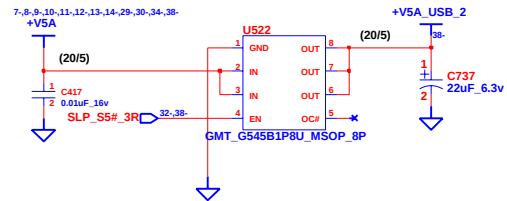
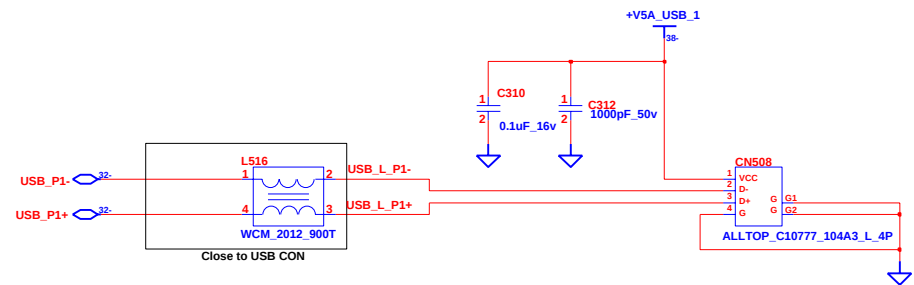
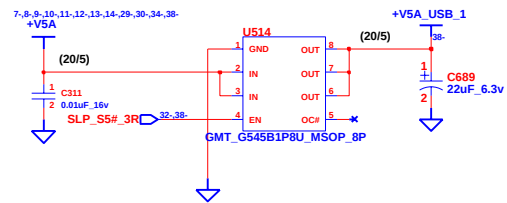
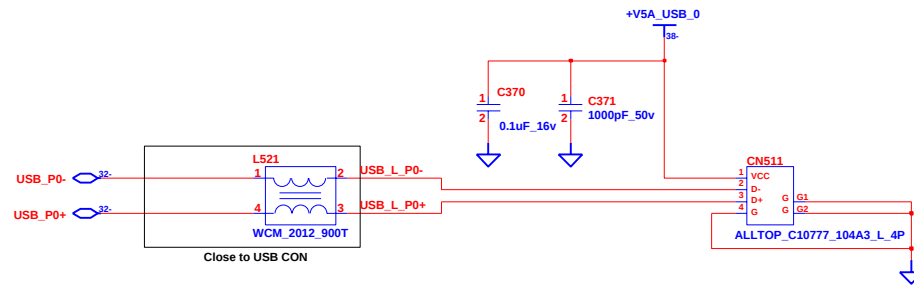
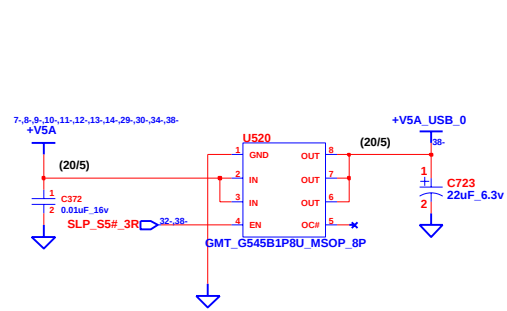


INVENTEC

TITLE DDD Discrete HDD & ODD CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
SHEET	37	OF	55

CHANGE by Thomas Ho 13-Jun-2007

8

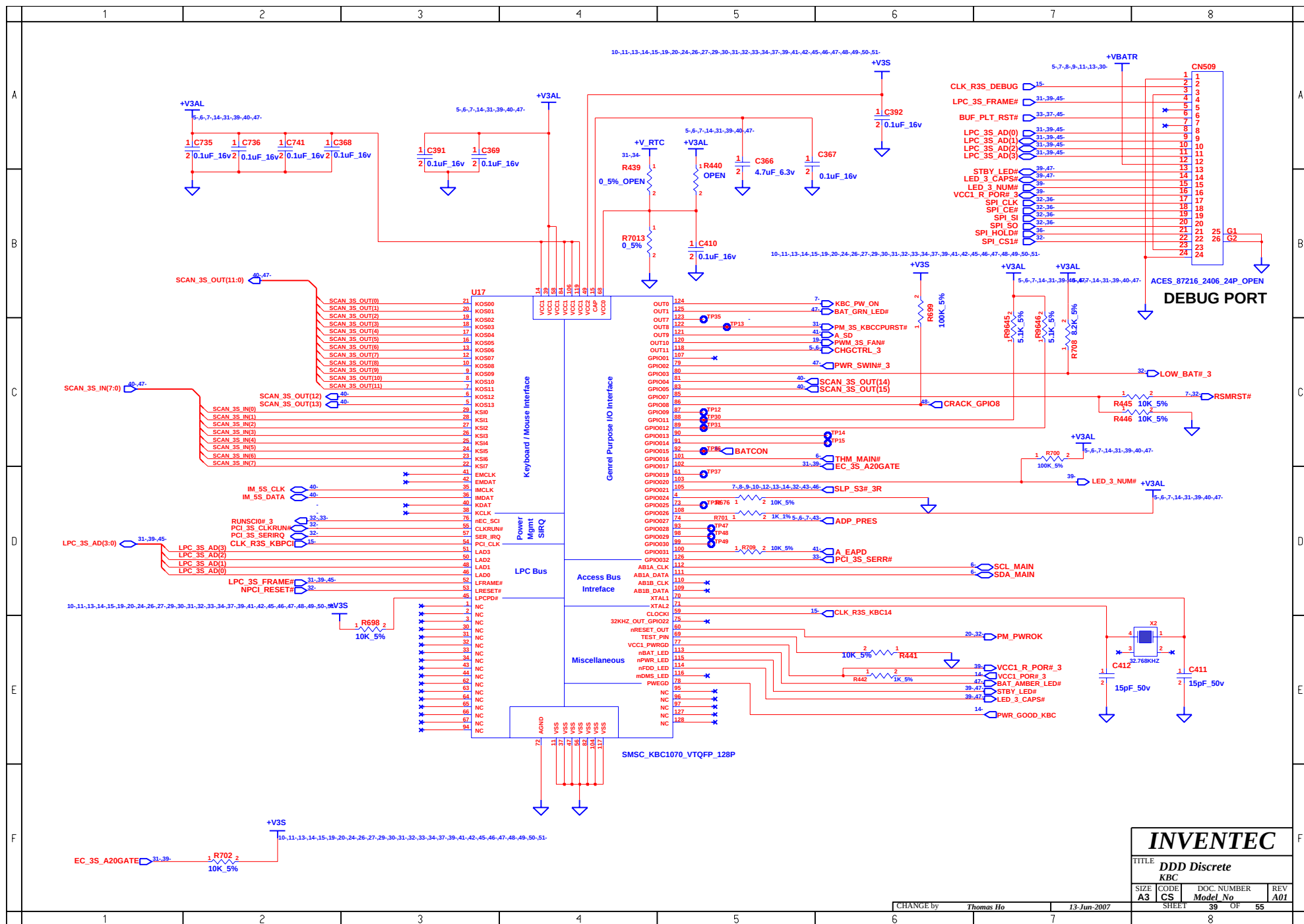


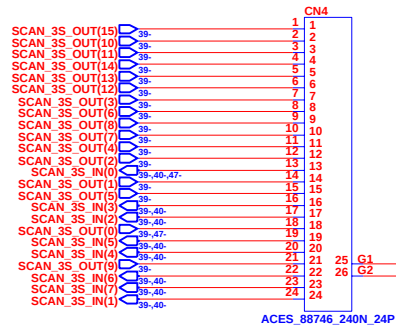
Close to USB CON

INVENTEC

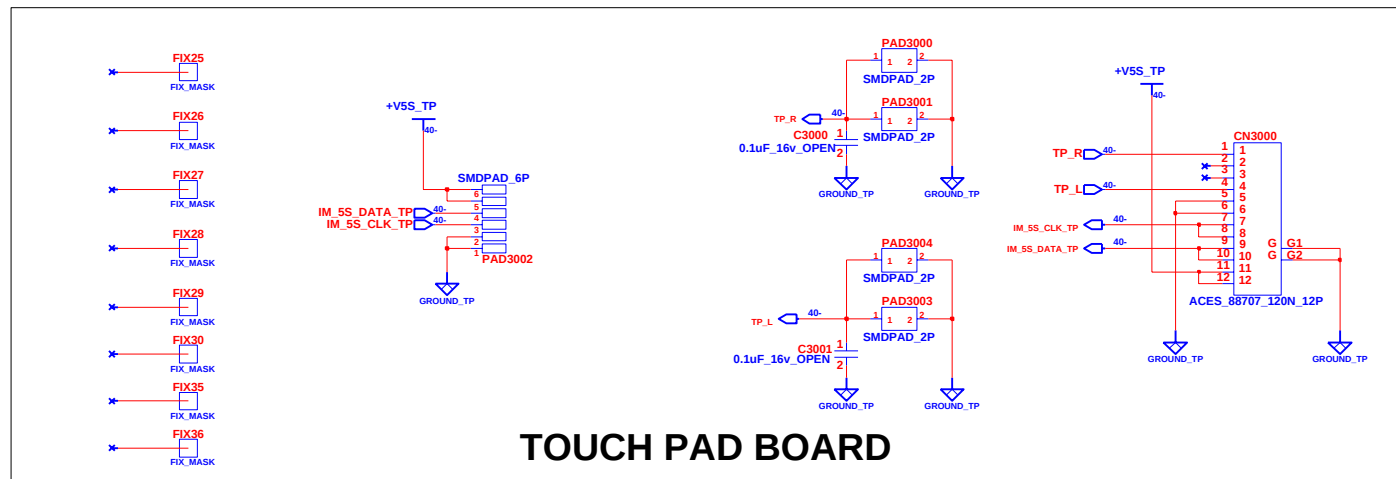
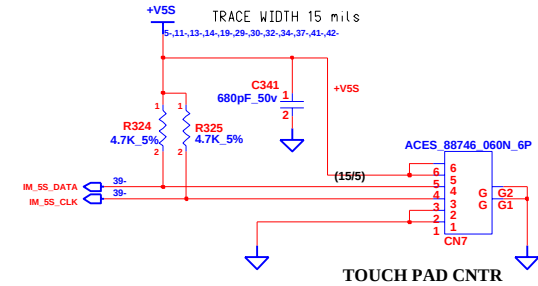
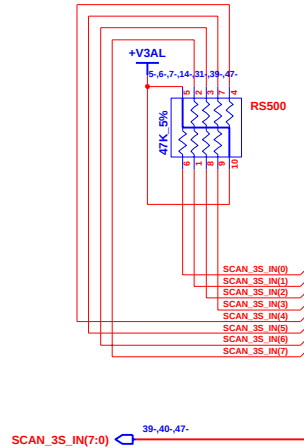
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
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CHANGE by Thomas Ho 2-Jun-2007





KEYBOARD CONN

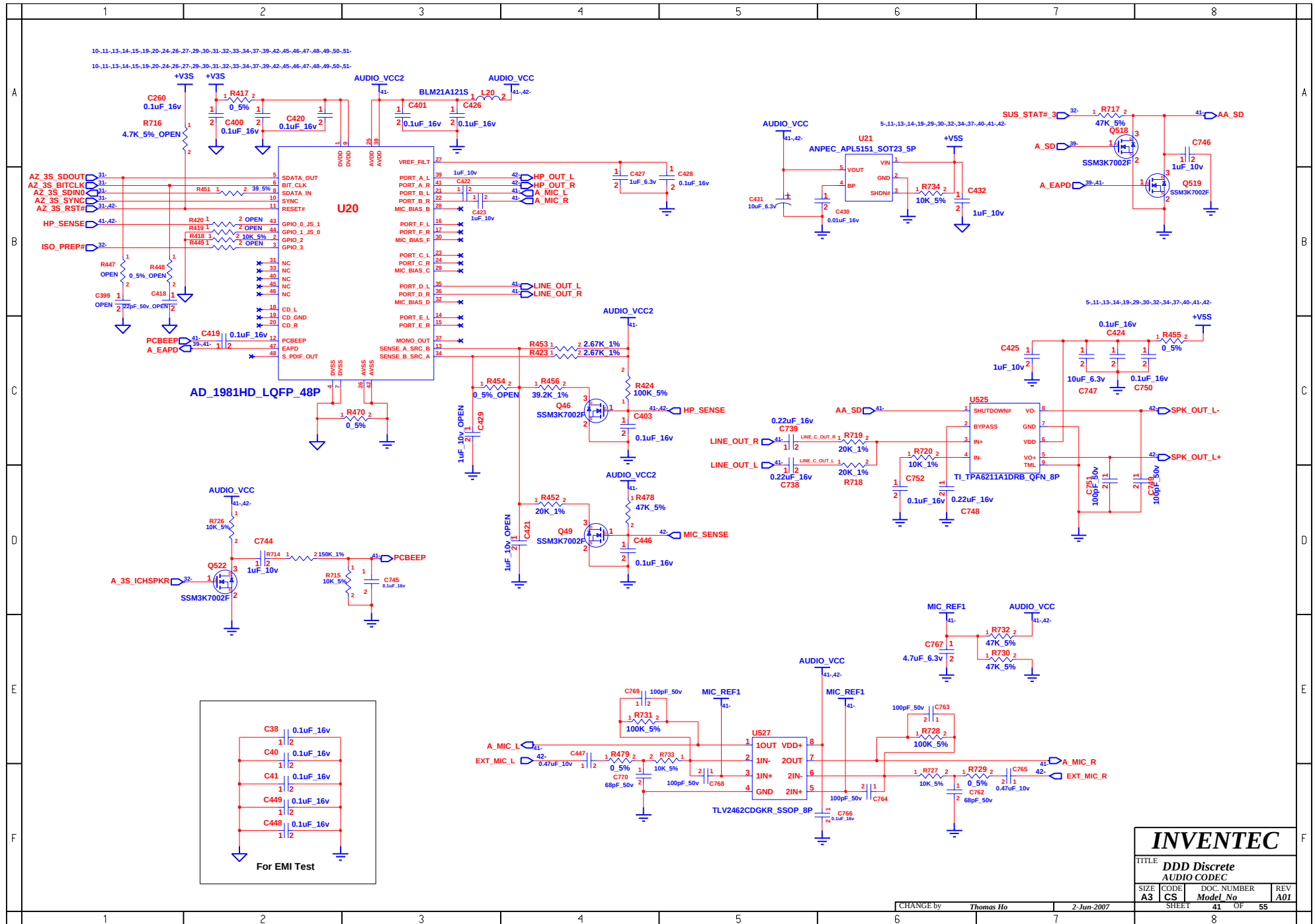


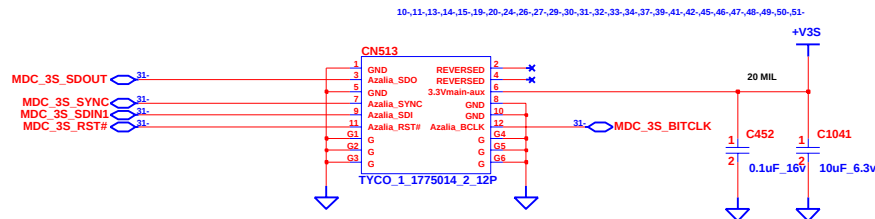
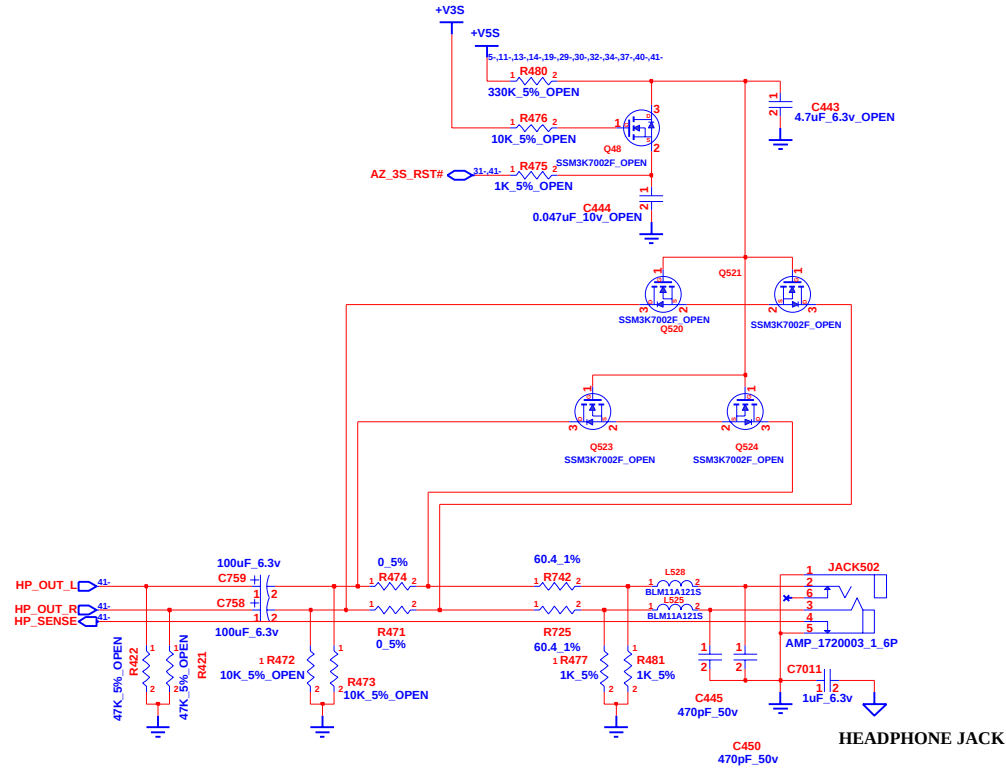
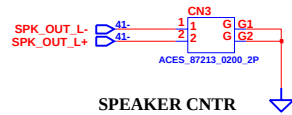
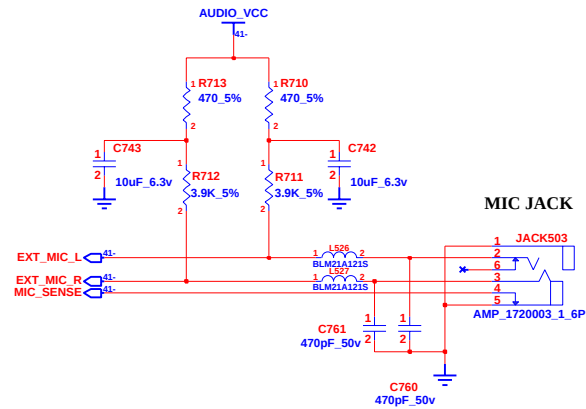
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DDD Discrete			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Thomas Ho 2-Jun-2007

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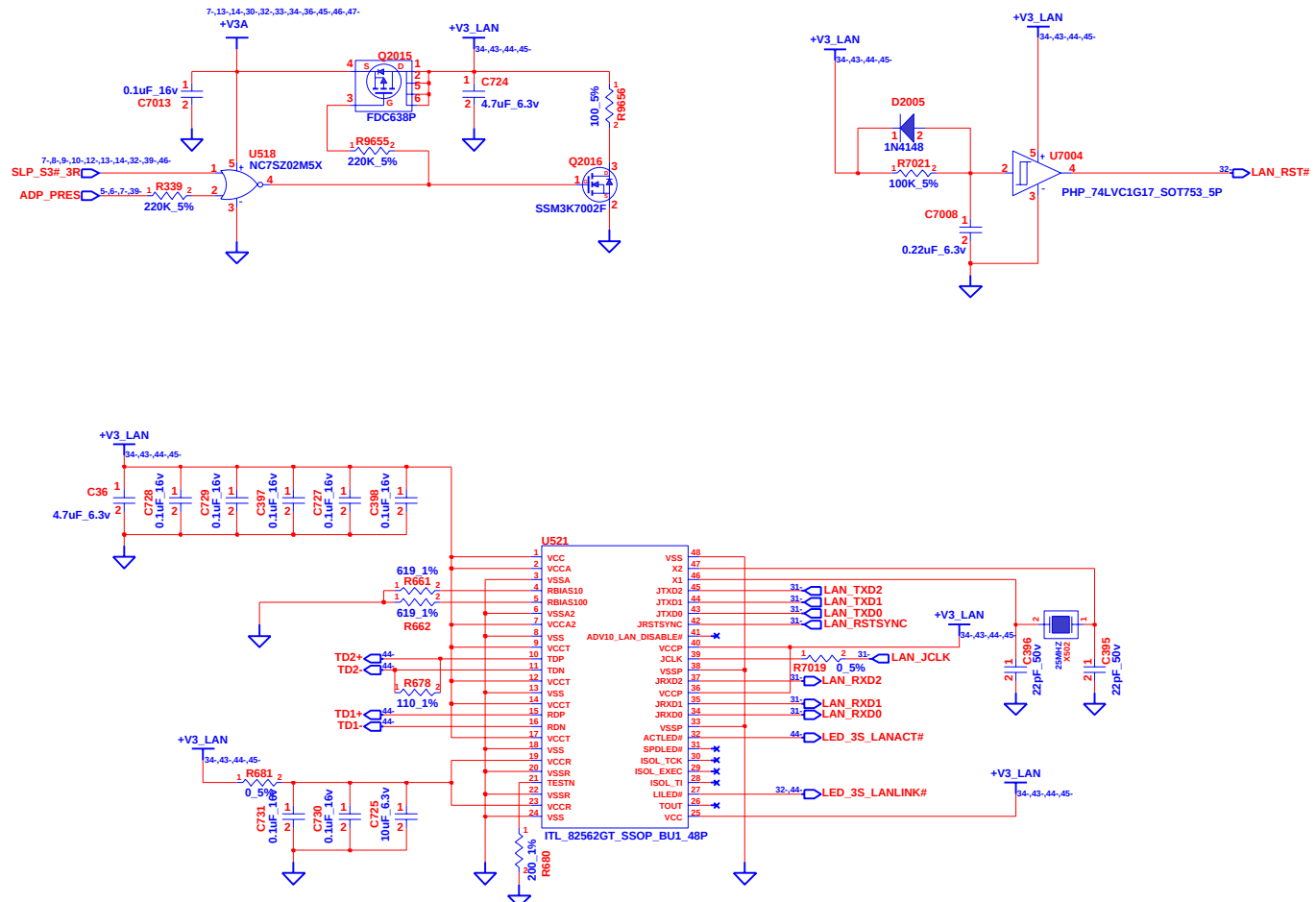


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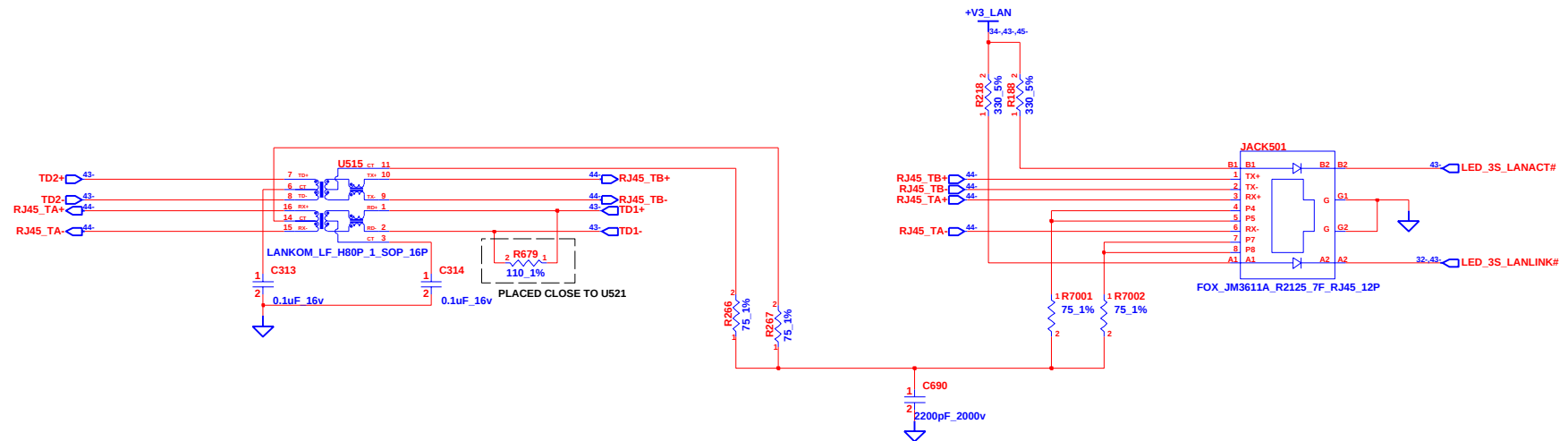
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
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CHANGE by Thomas Ho 4-Jun-2007



INVENTEC			
TITLE			
DDD Discrete			
NIC 10/100- CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01
CHANGE by		Thomas Ho	12-Jun-2007
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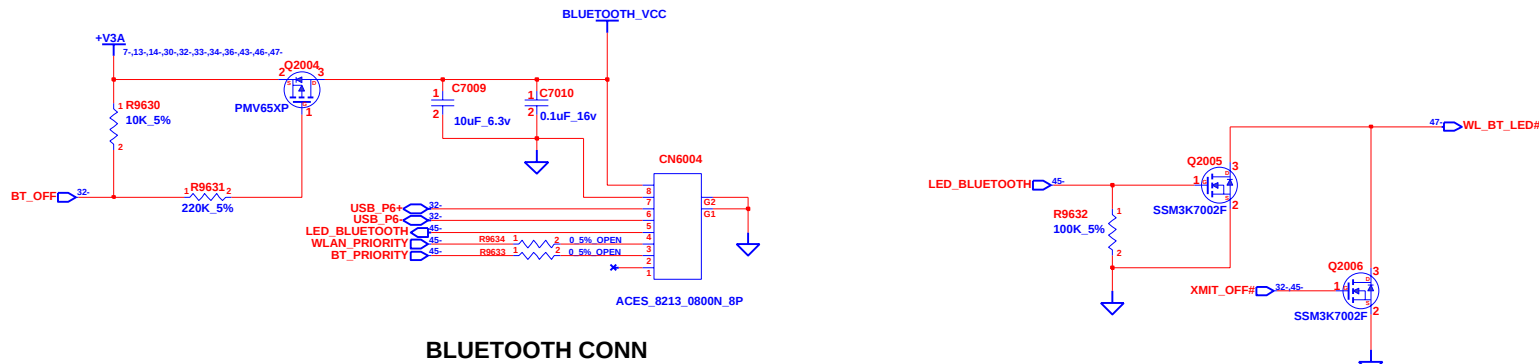
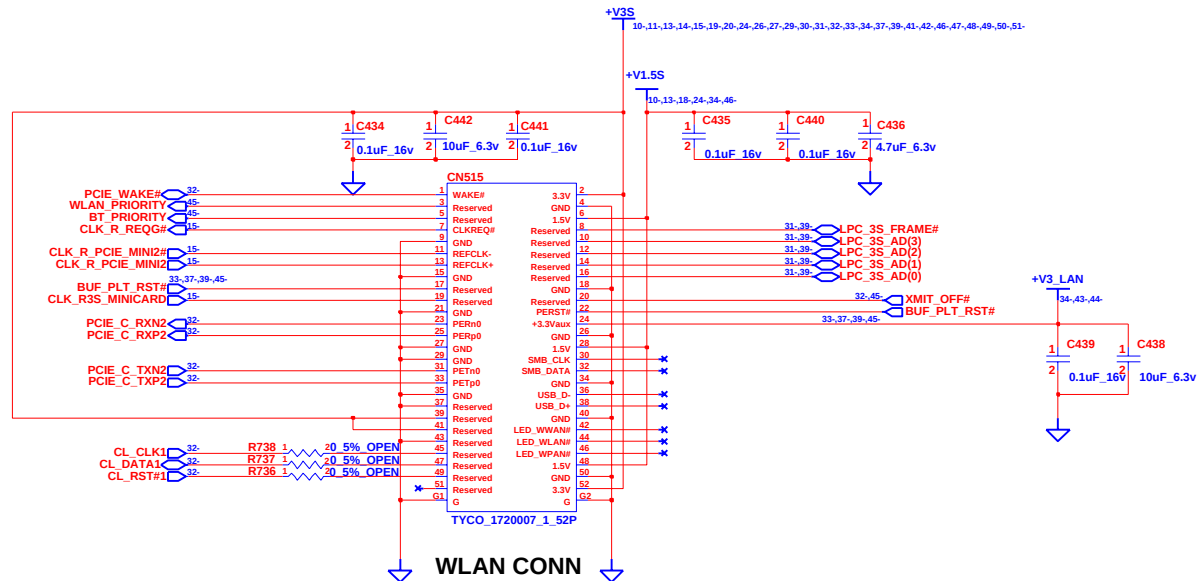
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

CHANGE by Thomas Ho 2-Jun-2007

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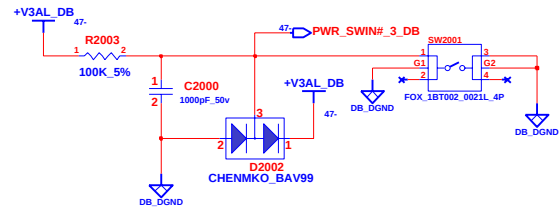
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DDD Discrete			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

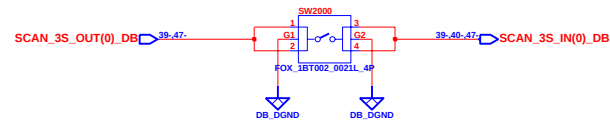
CHANGE by Thomas Ho 14-Jun-2007

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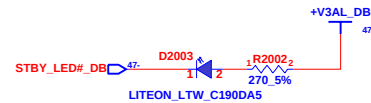
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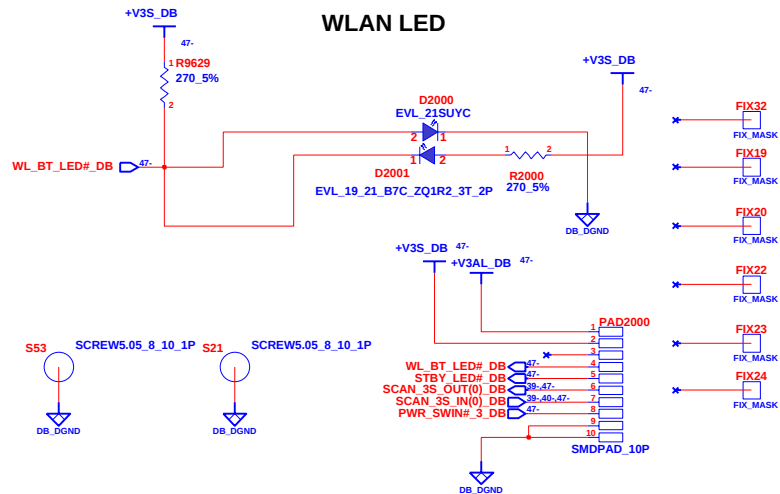
WIRELESS BUTTON



POWER / STANDBY LED

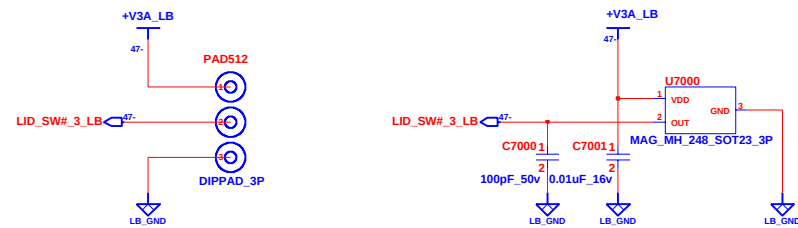


WLAN LED

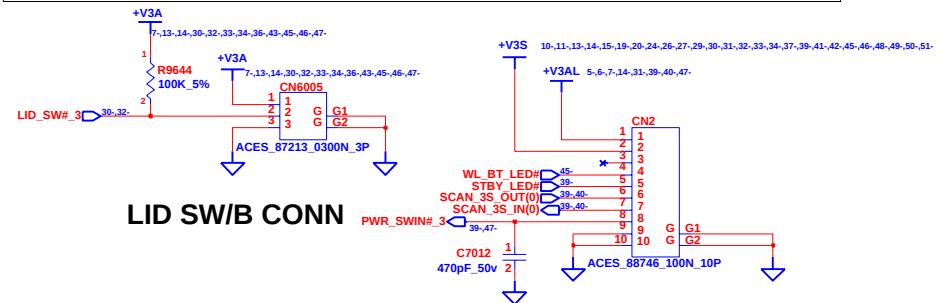


LED&SWITCH BOARD

LID SWITCH

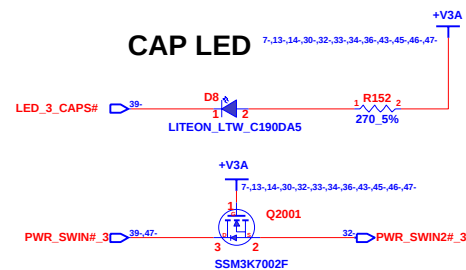


LID SW/B

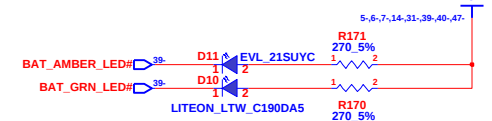


LID SW/B CONN

CAP LED



BATTERY-CHARGE LED



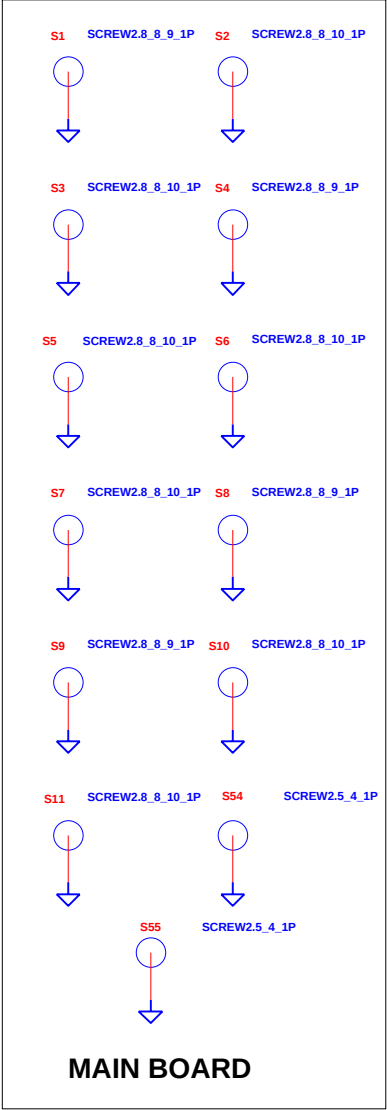
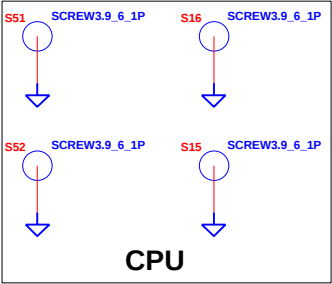
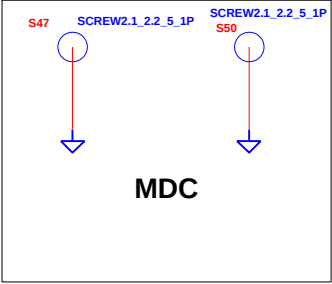
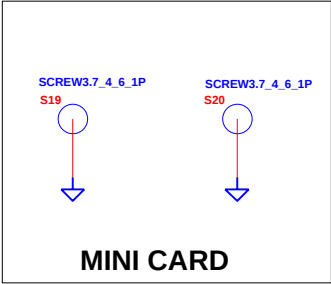
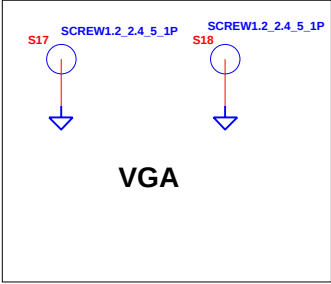
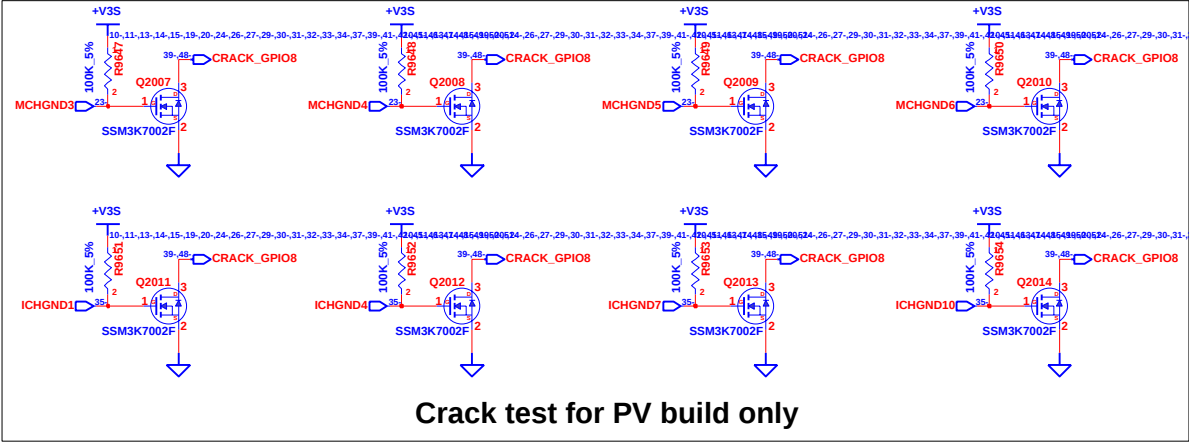
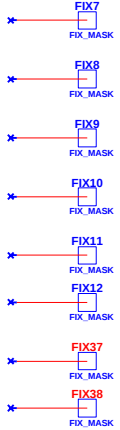
INVENTEC

TITLE
DDD Discrete
BUTTON & LED

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A01

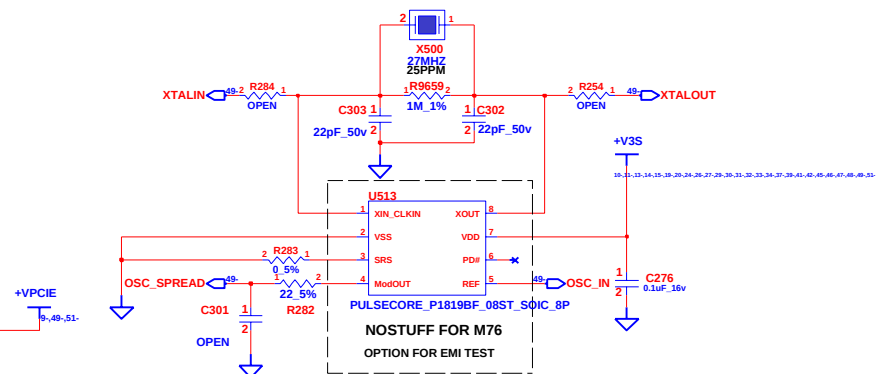
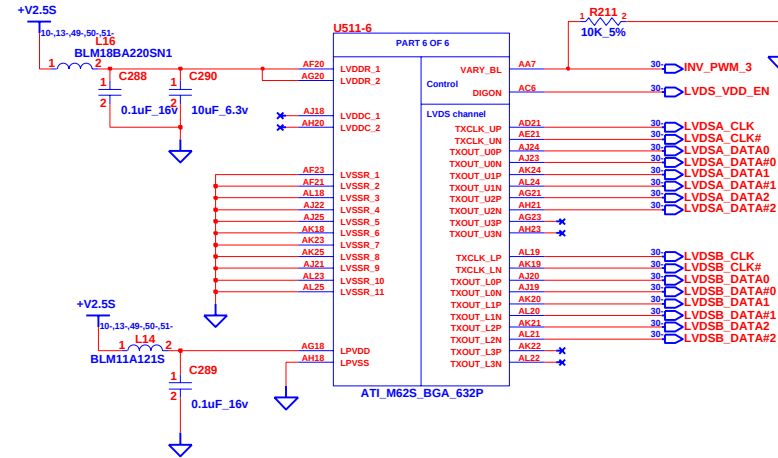
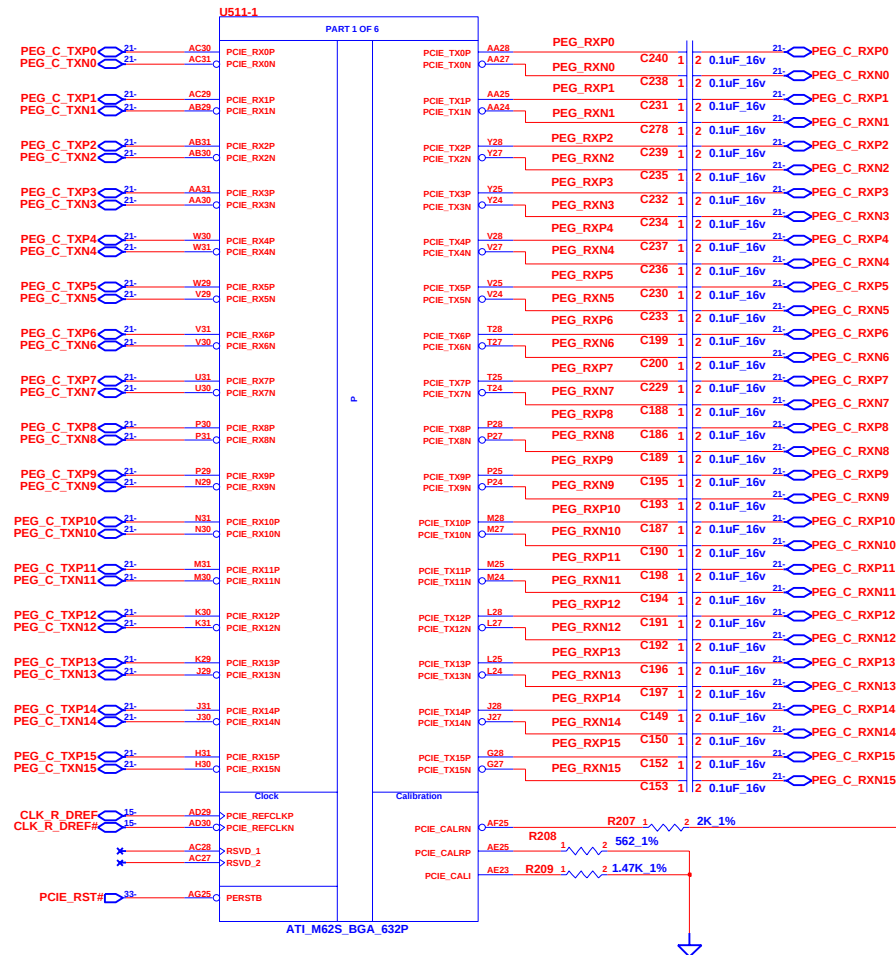
CHANGE by Thomas Ho 14-Jun-2007

SHEET 47 OF 55

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

INVENTEC

TITLE DDD Discrete SCREW			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A01
CHANGE by Thomas Ho		13-Jun-2007	
SHEET 48		OF 55	



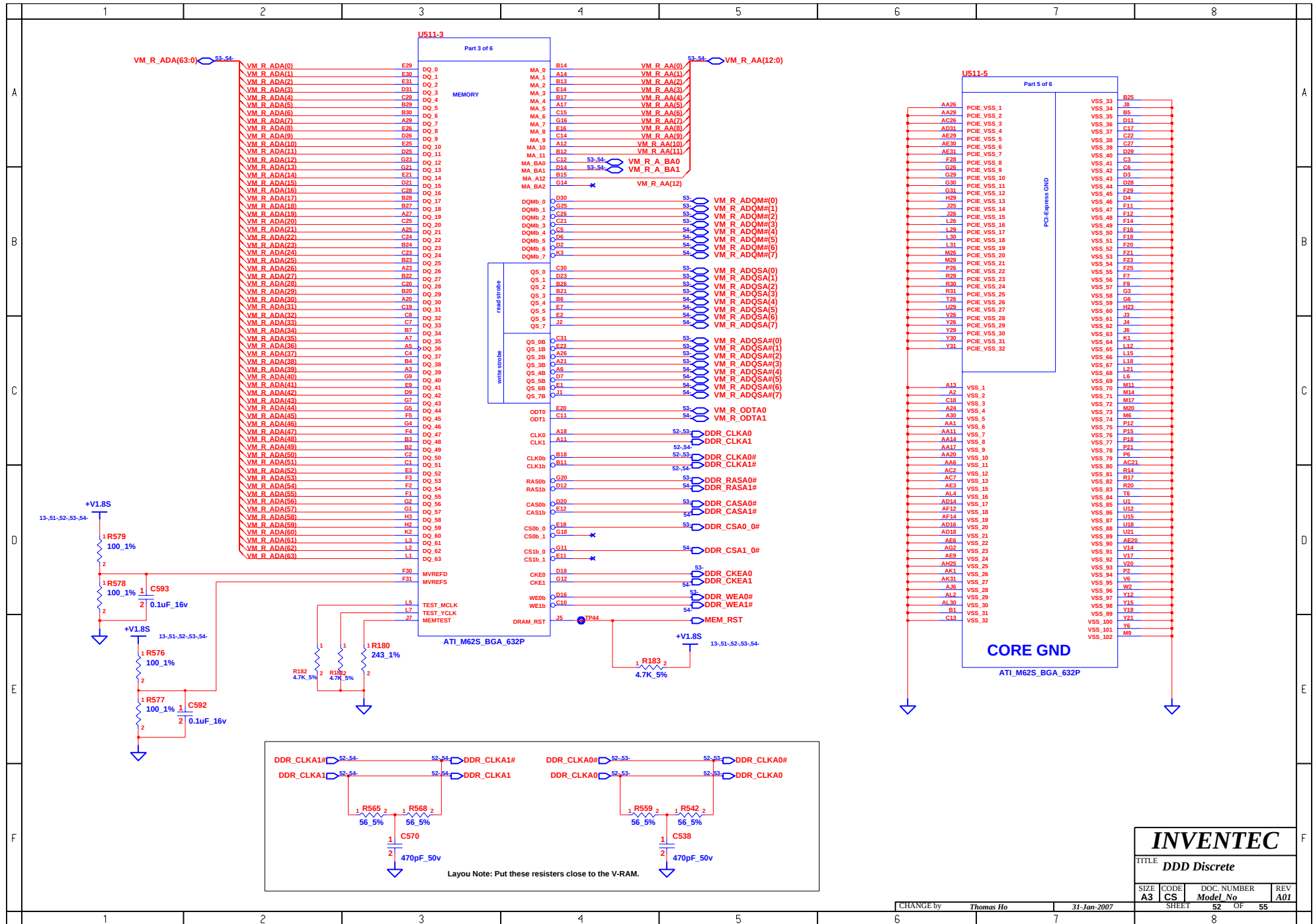
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TITLE
DDD Discrete

SIZE CODE DOC. NUMBER REV
A3 CS Model No A01

CHANGE by Thomas Ho 31-Jan-2007

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SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A01
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CHANGE by	<i>Thomas Ho</i>	<i>2-Jun-2007</i>
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