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C									C
D									D
E									E
F									F

POTOMAC 10G
MP BUILD
2008.4.28

DATE	CHANGE NO.	REV		

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

INVENTEC			
TITLE Potomac 10G			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 1	OF 63	8	

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DATE	CHANGE NO.	REV																																																																																			
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P/N	XXXXXXXXXXXX			SHEET 1 OF 63																																																																																	
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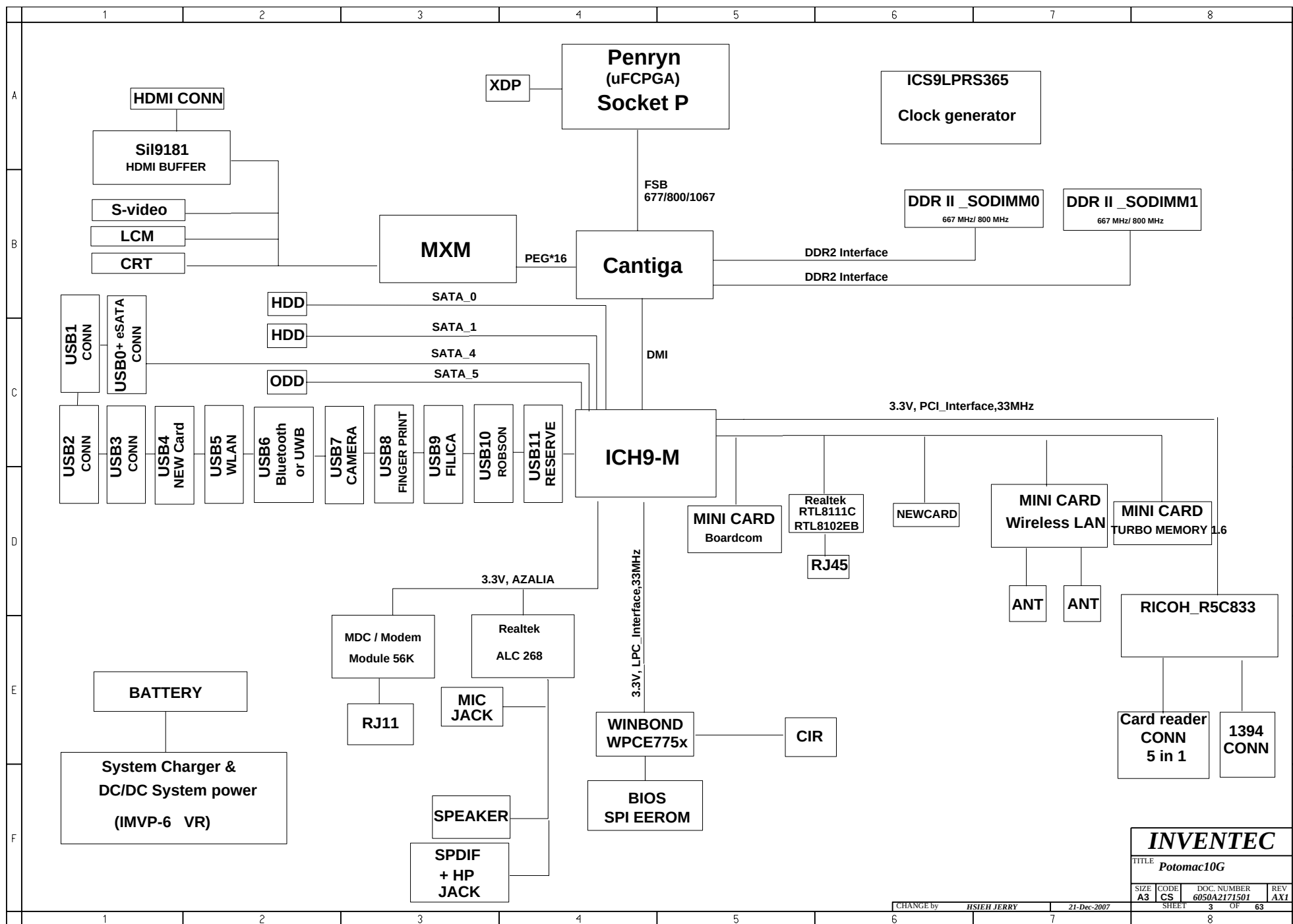
PAGE	PAGE	PAGE
1.COVER PAGE	33- ICH9-1	54.EXPRESS CARD CONN
2.INDEX	34- ICH9-2	55.ROBSON & WLAN /WiMAX (Minicard)
3.BLOCK DIAGRAM	35- ICH9-3	56.HD-DVD (Minicard)
4.POWER SEQUENCE BLOCK	36- ICH9-4	57.MDC 1.5 CONN
5-12.SYSTEM POWER	37- ICH9-5	58.LED(M/B) & HOTKEY/B CONN & Power Bottom/B CONN
13.CLOCK GENERATOR	38.SATA HDD1 CONN & SATA HDD2 CONN	59. FingerPrinter BOARD
14- PENRYN-1	39.ODD CONN	60. FM BOARD
15- PENRYN-2	40.USB CONN &eSATA CONN	61.KILL SWITCH& HALL SENSOR
16- PENRYN-3	41.FELICA/FM & FINGER PRINTER & CAMERA CONN & WLAN LED	62.DRILL HOLE
17- PENRYN-4	42.BLUE TOOTH CONN	63.EMI
18.FAN & THERMAL CONTROLLER	43.KBC	
19- CANTIGA-1	44.K/B & TP/B CONN	
20- CANTIGA-2	45.AZALIA CODEC	
21- CANTIGA-3	46.HP & SPDIF	
22- CANTIGA-4	47.AUDIO AMP & MIC & SPEAKER & VR	
23- CANTIGA-5	48.LAN CONTROLLER	
24- CANTIGA-6	49.RJ45 & TRANSFORMER	
25- CANTIGA-7	50.HDMI BUFFER & CEC uCOM	
26.DDR2 DIMM0	51.CIR & HDMI CONN	
27.DDR2 DIMM1	52.CARDBUS CONTROLLER	
28.DDR DAMPING	53.5 IN 1 CARD SLOT and 1394 CONTROLLER	
29.MXM CONN		
30.CRT CONN		
31.S-VIDEO CONN		
32.LCM CONN		

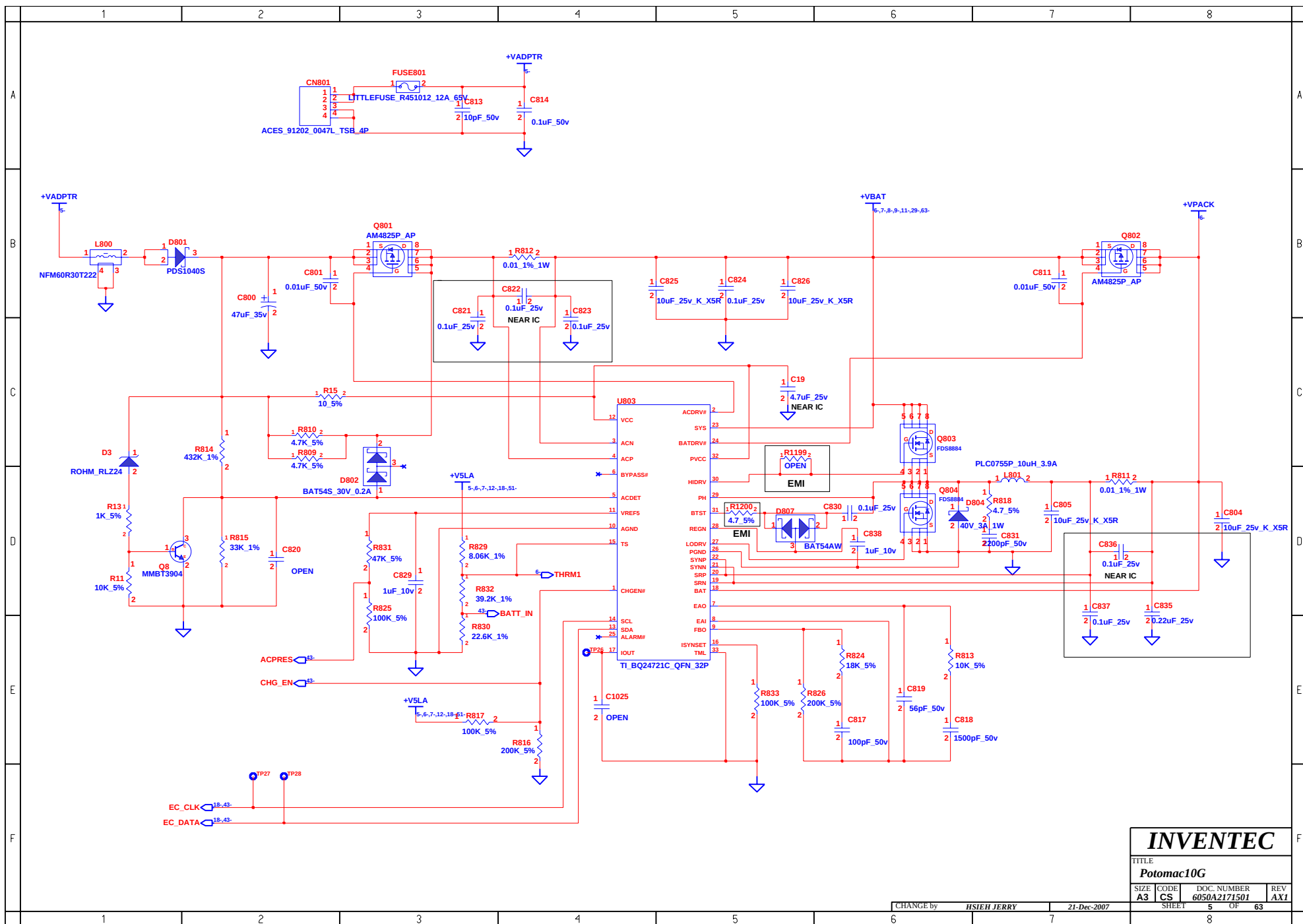
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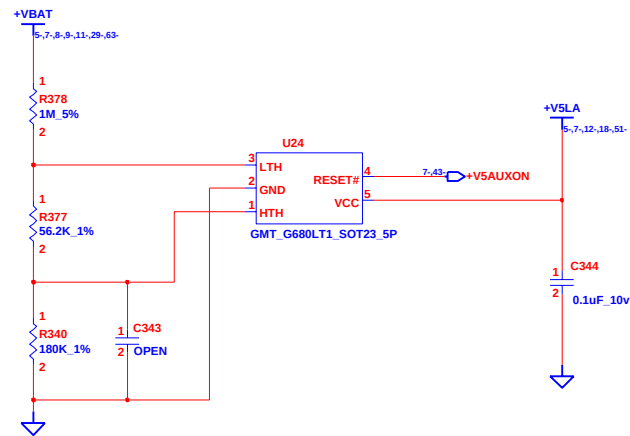
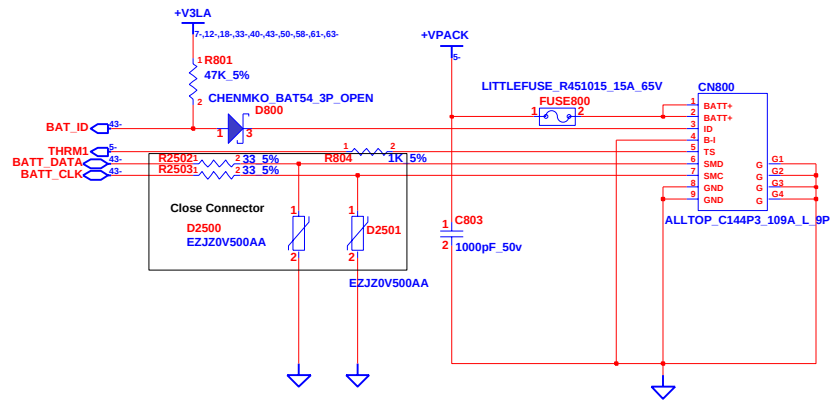
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Potomac10G

SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
SHEET 2		OF 63	

CHANGE by **Hsieh JERRY** 21-Dec-2007





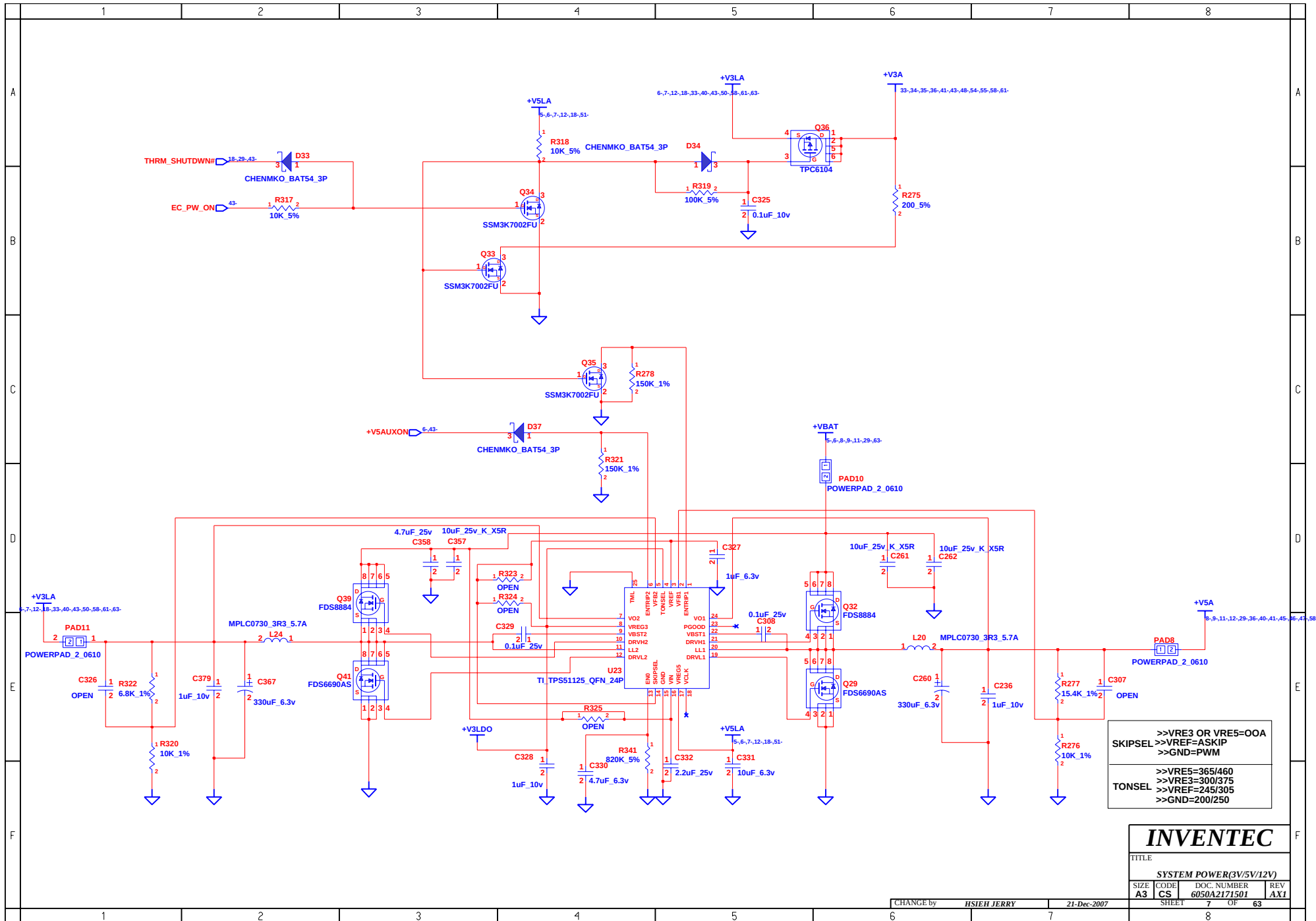


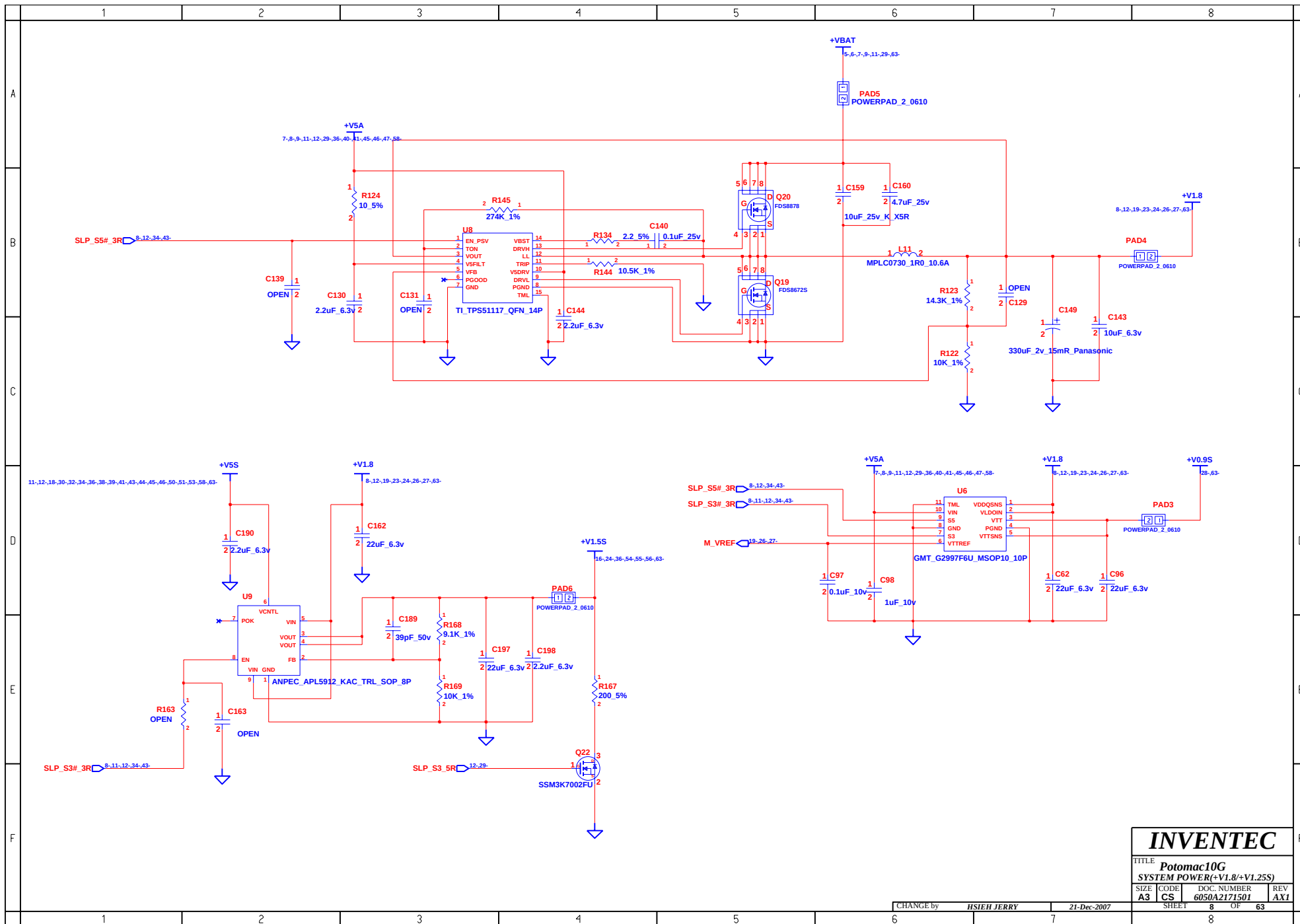
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SELECT & BATTERY CONN			
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CHANGE by HSEH JERRY 21-Dec-2007

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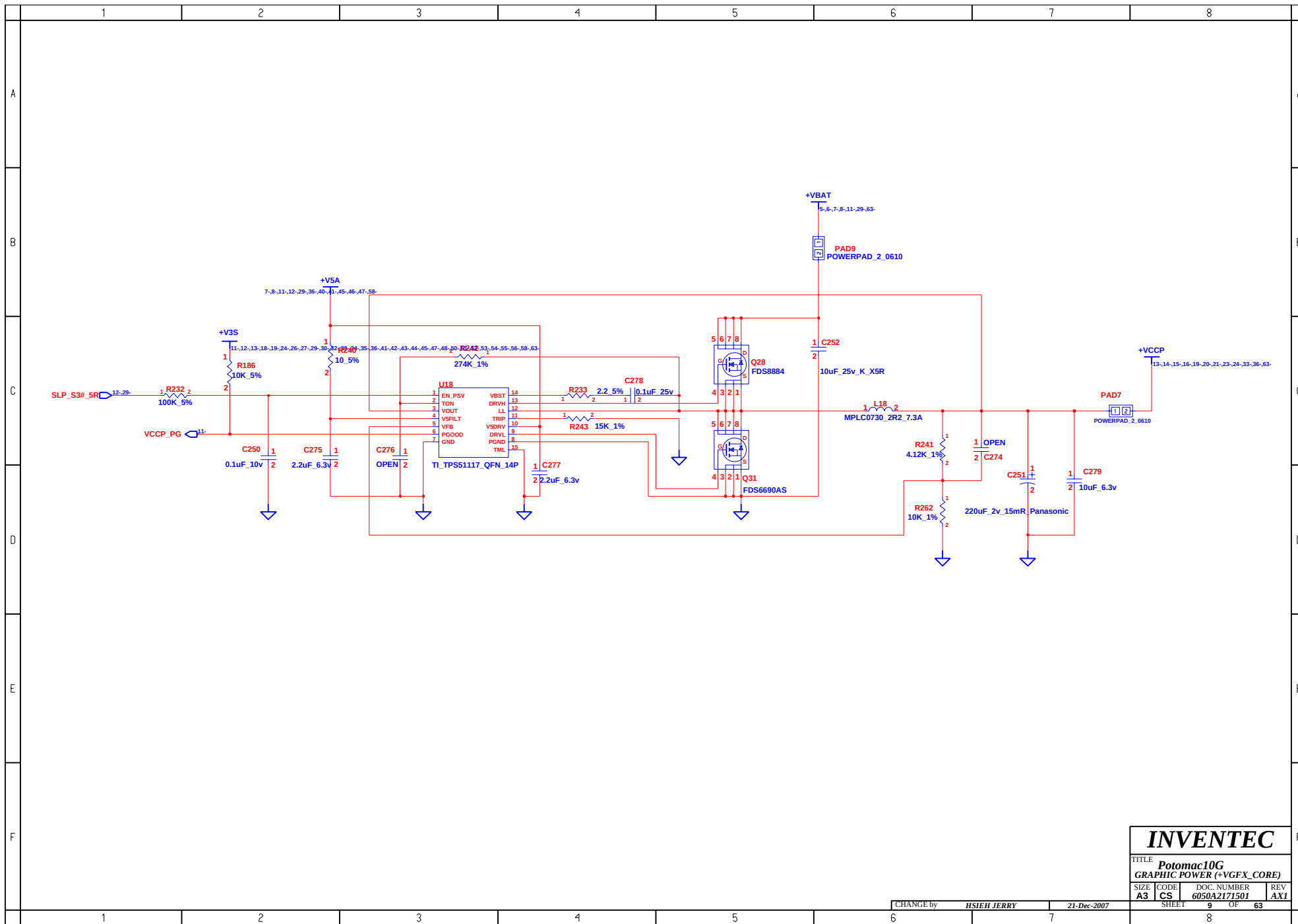
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TITLE
Potomac10G
SYSTEM POWER(+V1.8/+V1.25S)

SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
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CHANGE by **Hsieh JERRY** 21-Dec-2007

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INVENTEC

TITLE
Potomac10G
GRAPHIC POWER (+VGFX_CORE)

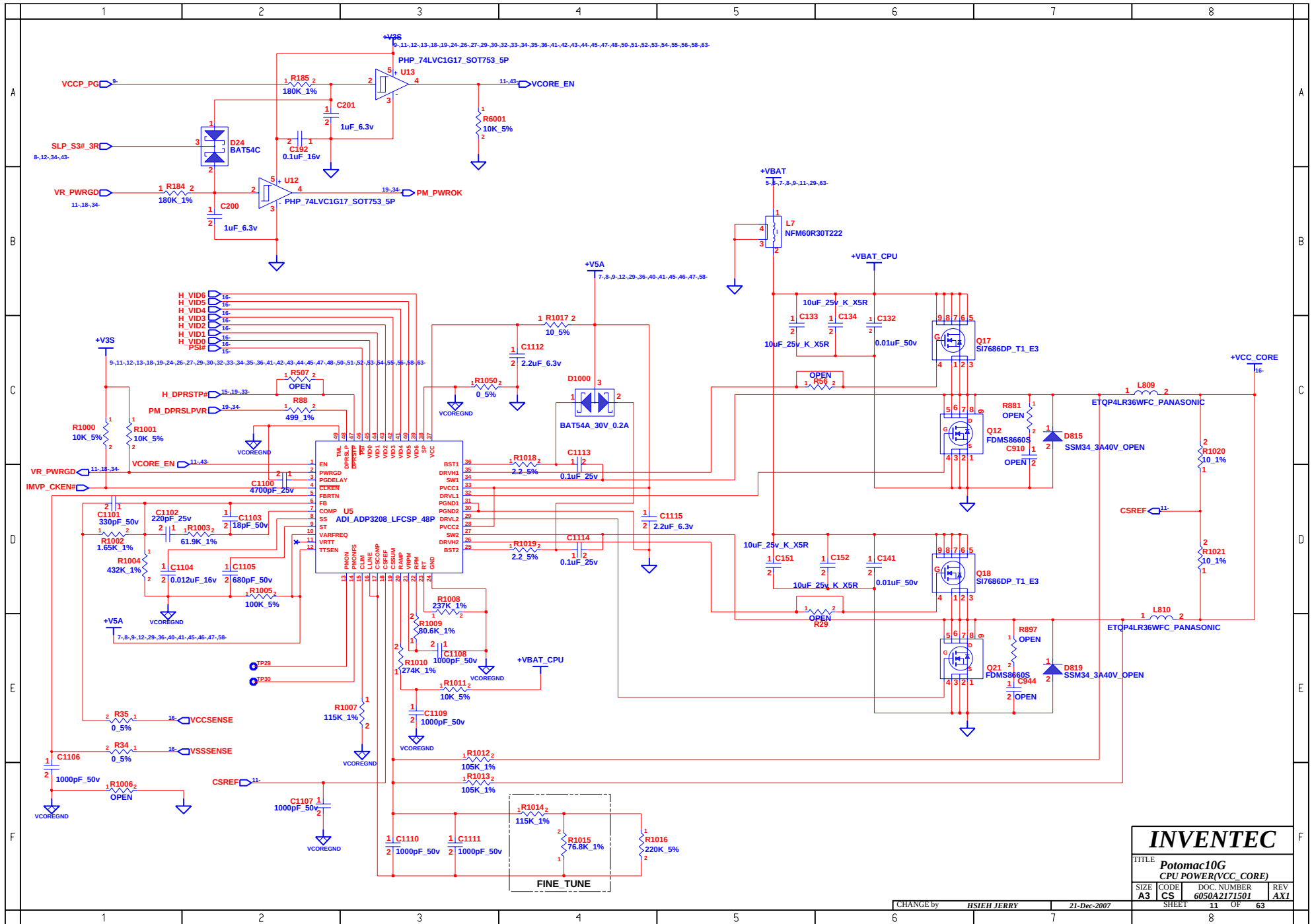
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CHANGE by **Hsieh JERRY** 21-Dec-2007

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INVENTEC			
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SYSTEM POWER(+VCCP/+V1.5S)			
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CHANGE by		21-Dec-2007	
Hsieh Jerry			
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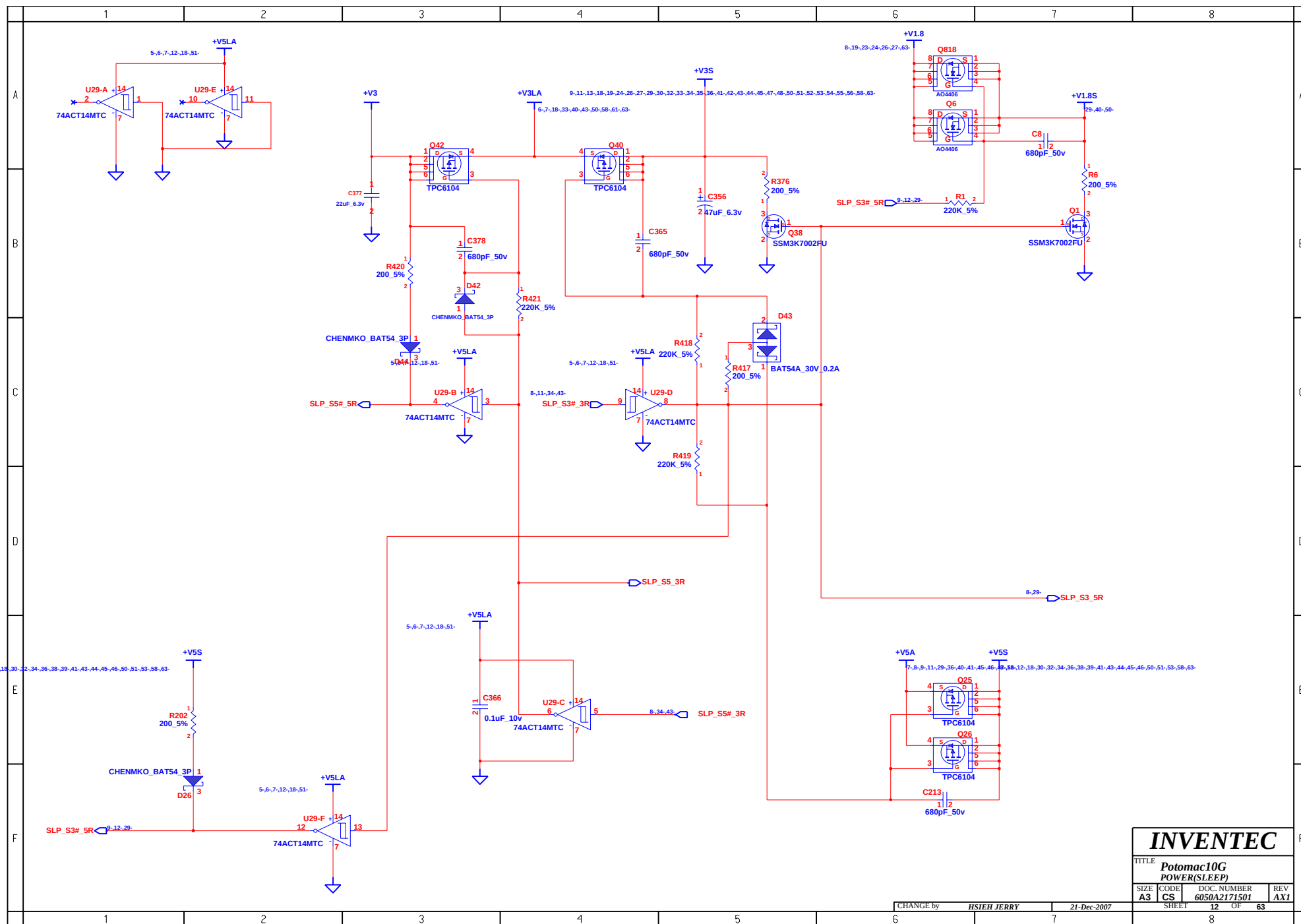
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CPU POWER(VCC_CORE)

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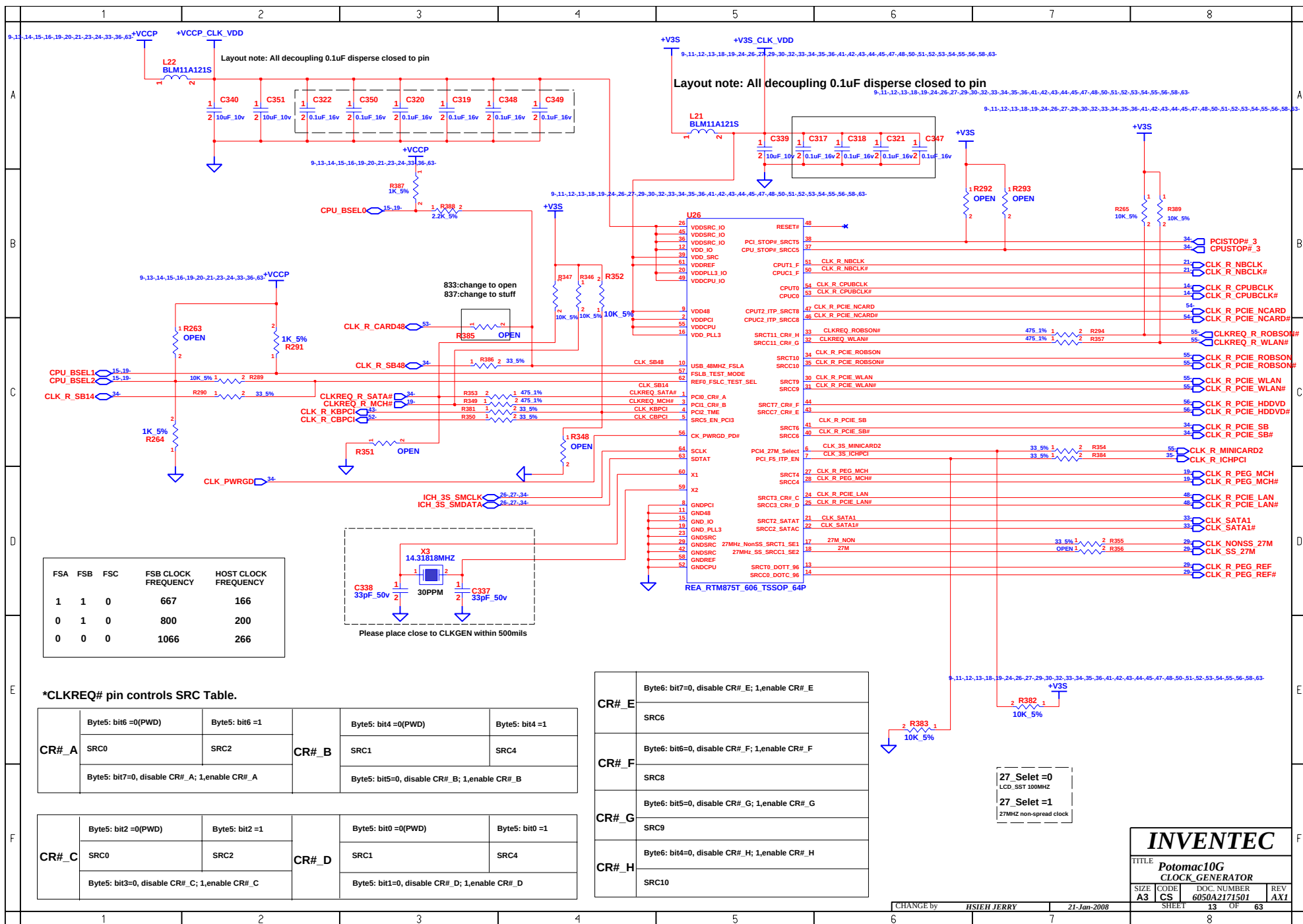
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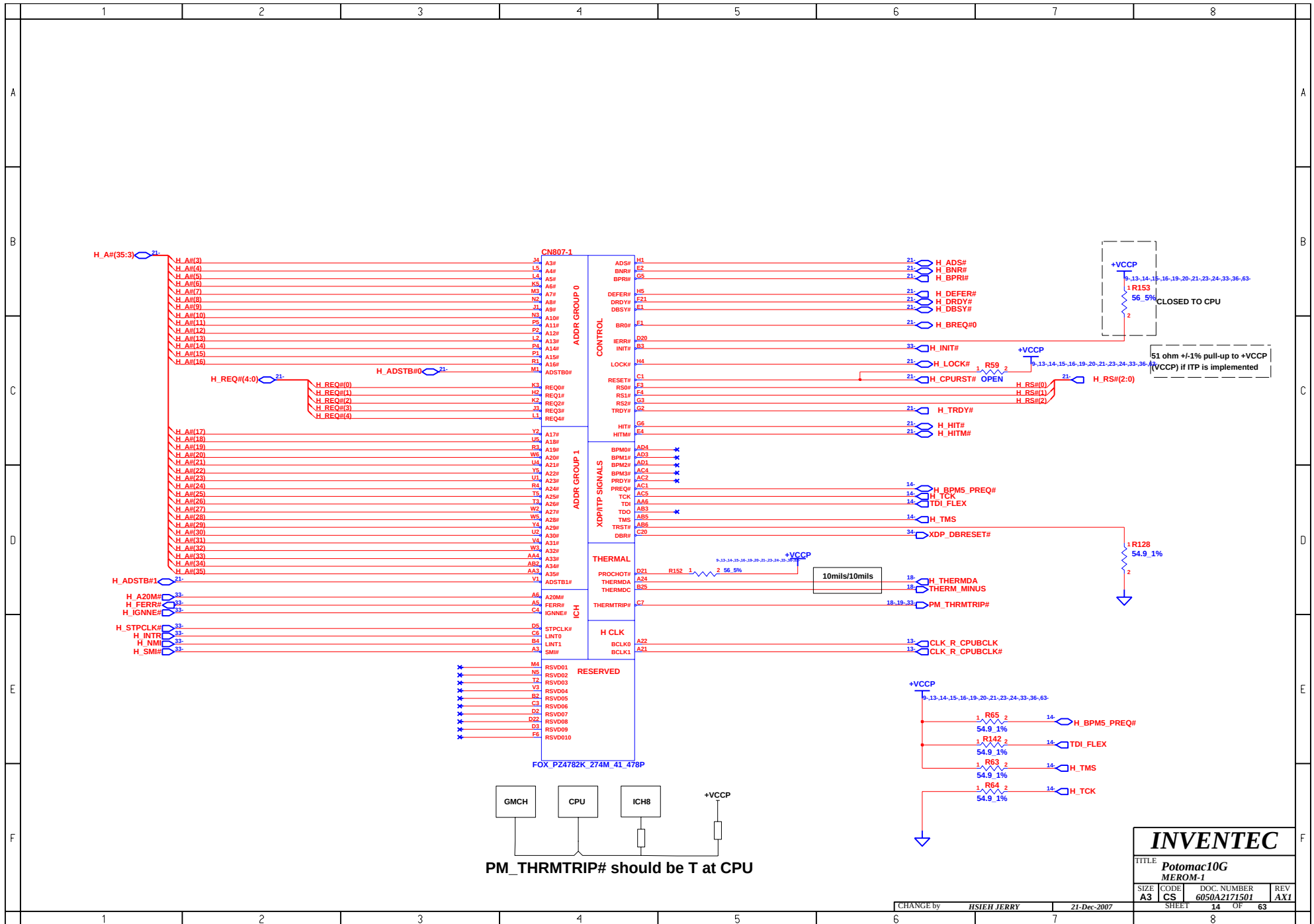
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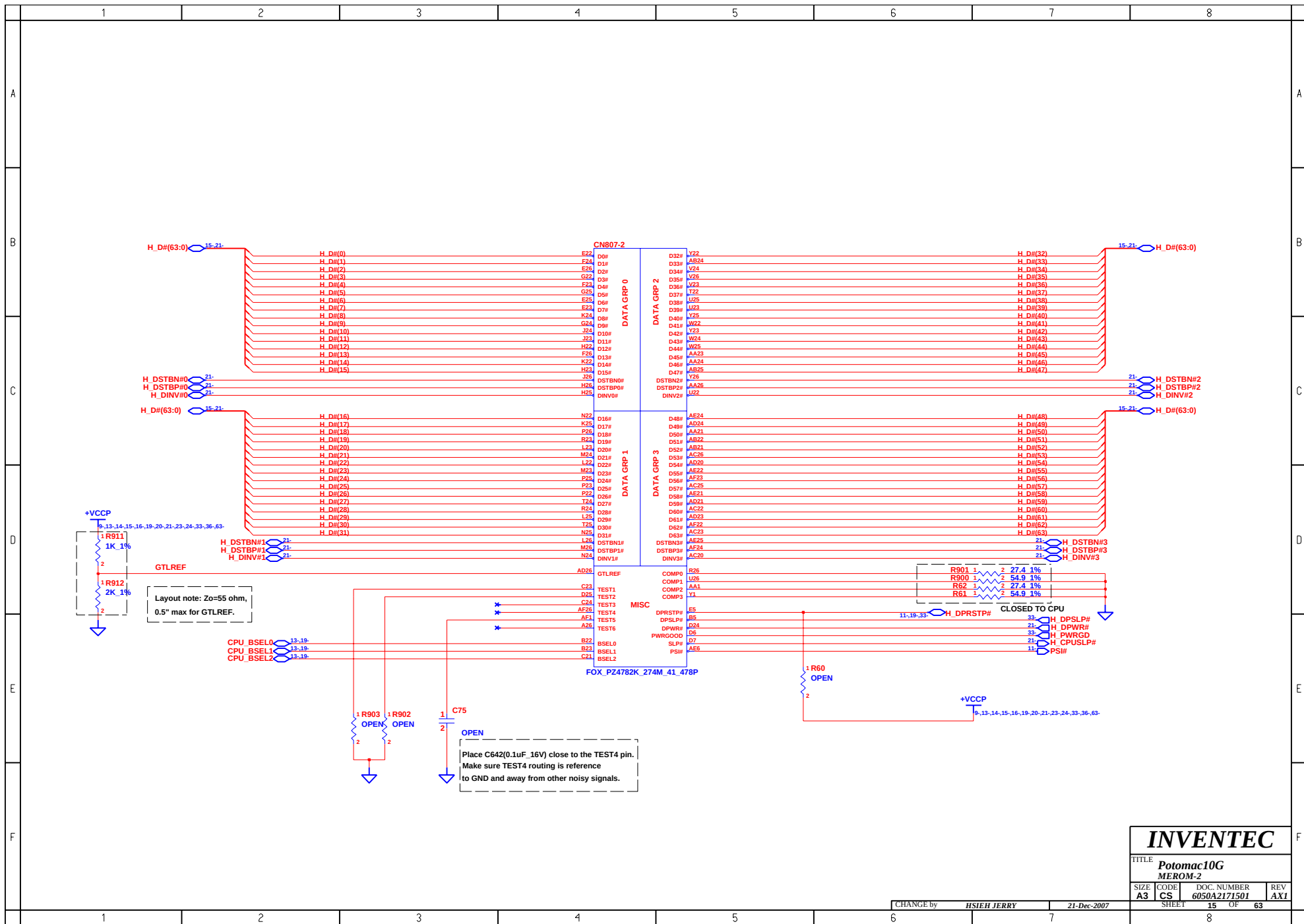


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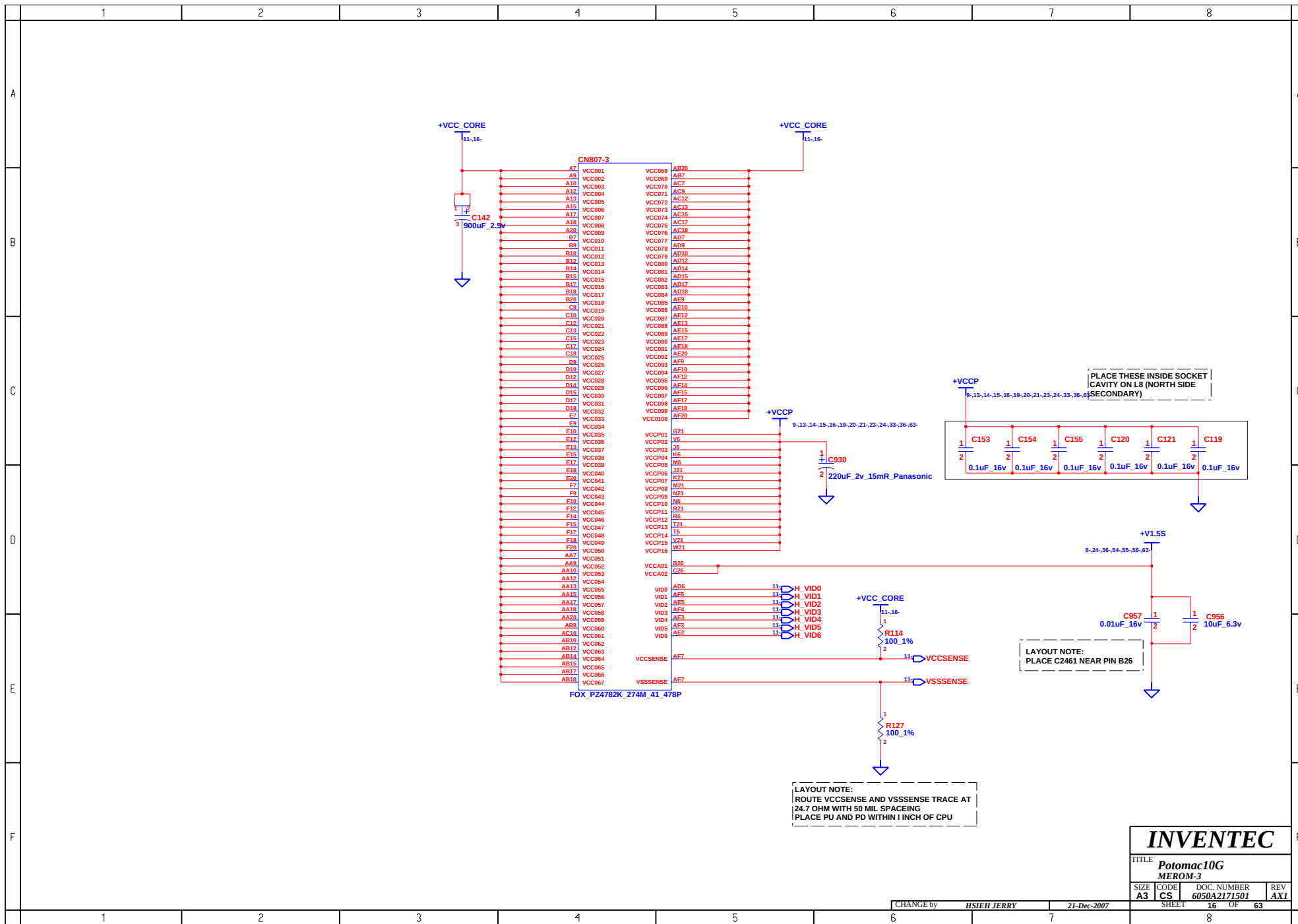


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CHANGE by Hsieh JERRY 21-Dec-2007

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INVENTEC

TITLE			
Potomac10G			
MEROM-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

CHANGE by Hsieh JERRY 21-Dec-2007

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

CN807.4

A4	VSS001	VSS002	P6
A8	VSS002	VSS003	P21
A11	VSS003	VSS004	P24
A14	VSS004	VSS005	R2
A16	VSS005	VSS006	R5
A19	VSS006	VSS007	R22
A23	VSS007	VSS008	R25
AF2	VSS008	VSS009	T1
B6	VSS009	VSS010	T4
B8	VSS010	VSS011	T23
B11	VSS011	VSS012	T26
B13	VSS012	VSS013	U3
B16	VSS013	VSS014	U6
B19	VSS014	VSS015	U21
B21	VSS015	VSS016	U24
B24	VSS016	VSS017	V2
C5	VSS017	VSS018	V5
C8	VSS018	VSS019	V22
C11	VSS019	VSS020	V25
C14	VSS020	VSS021	W1
C16	VSS021	VSS022	W4
C19	VSS022	VSS023	W23
C2	VSS023	VSS024	W26
C22	VSS024	VSS025	Y3
C25	VSS025	VSS026	Y6
D1	VSS026	VSS027	Y21
D4	VSS027	VSS028	Y24
D8	VSS028	VSS029	AA2
D11	VSS029	VSS030	AA5
D13	VSS030	VSS031	AA8
D16	VSS031	VSS032	AA11
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F8	VSS045	VSS046	AB26
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F13	VSS047	VSS048	AC6
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F25	VSS052	VSS053	AC19
G4	VSS053	VSS054	AC21
G1	VSS054	VSS055	AC24
G23	VSS055	VSS056	AD2
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H21	VSS059	VSS060	AD13
H24	VSS060	VSS061	AD16
J4	VSS061	VSS062	AD19
J5	VSS062	VSS063	AD22
J22	VSS063	VSS064	AD25
J25	VSS064	VSS065	AE1
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K4	VSS066	VSS067	AE8
K23	VSS067	VSS068	AE11
K26	VSS068	VSS069	AE14
L3	VSS069	VSS070	AE16
L6	VSS070	VSS071	AE19
L21	VSS071	VSS072	AE23
L24	VSS072	VSS073	AE26
M2	VSS073	VSS074	A2
M5	VSS074	VSS075	AF6
M22	VSS075	VSS076	AF8
M25	VSS076	VSS077	AF11
N1	VSS077	VSS078	AF13
N4	VSS078	VSS079	AF16
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INVENTEC

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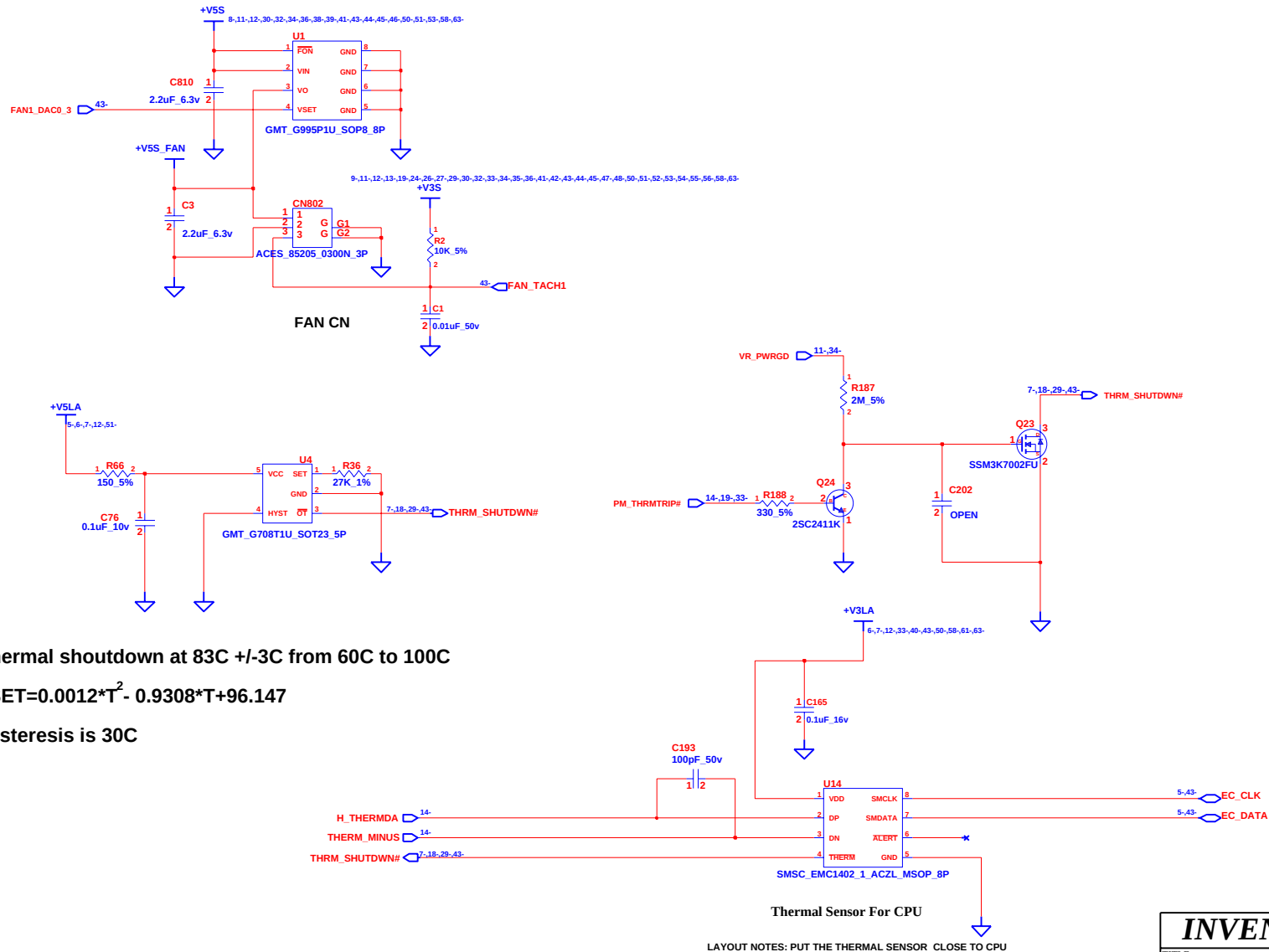
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CHANGE by
HSIEH JERRY

21-Dec-2007

SHEET
17

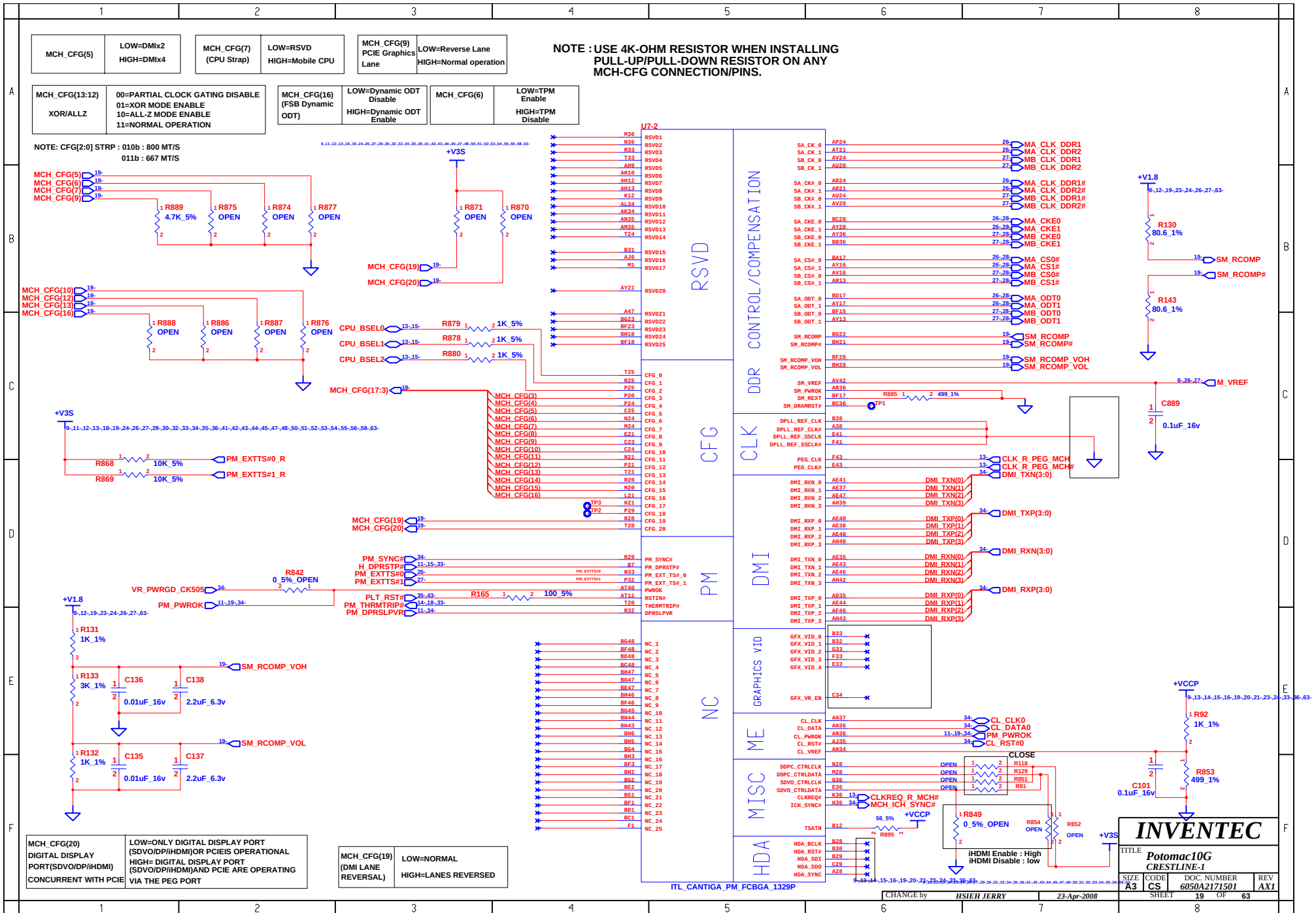
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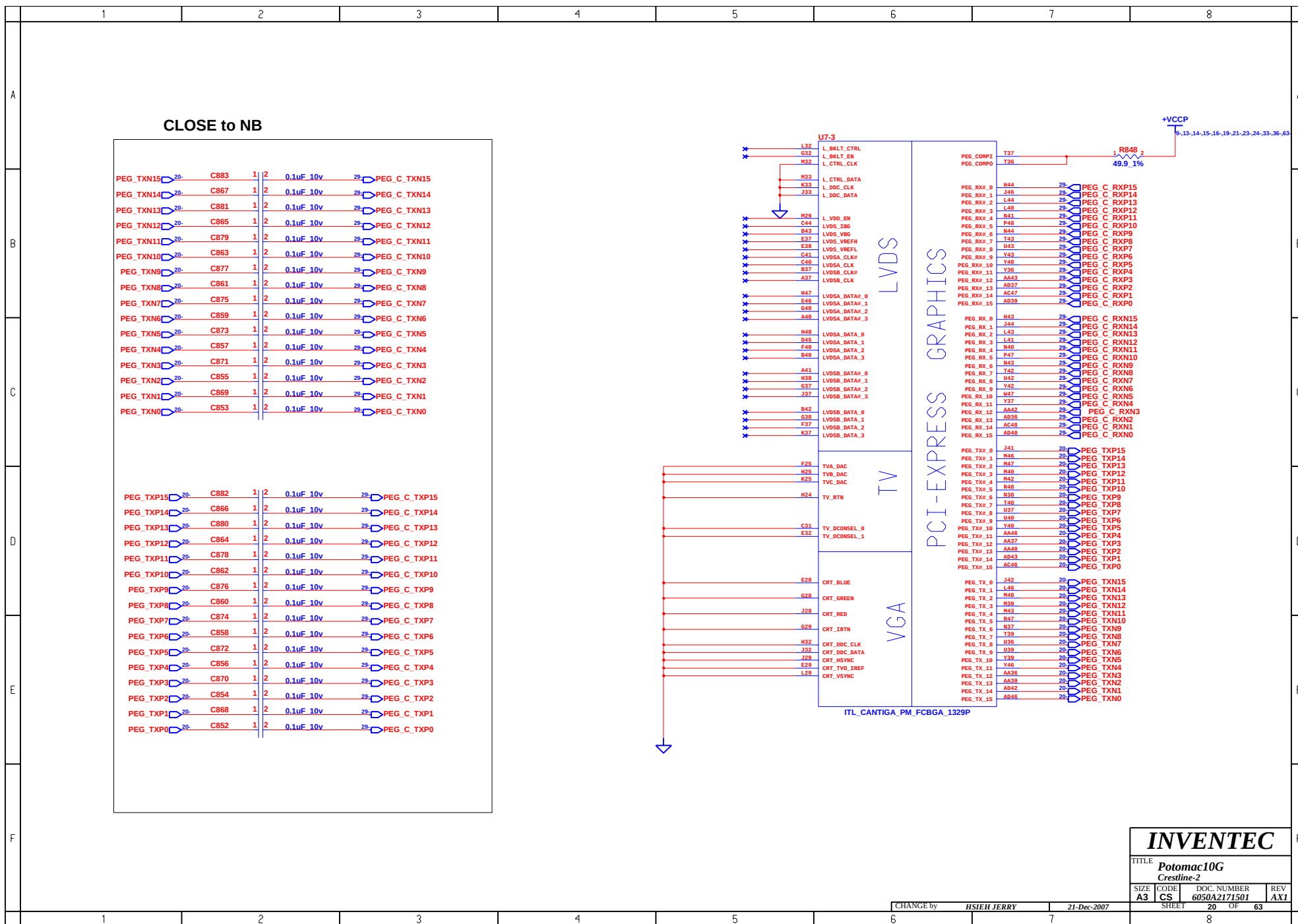


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Potomac10G			
THERMAL&FAN CONTROLLER			
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CHANGE by Hsieh Jerry 21-Dec-2007

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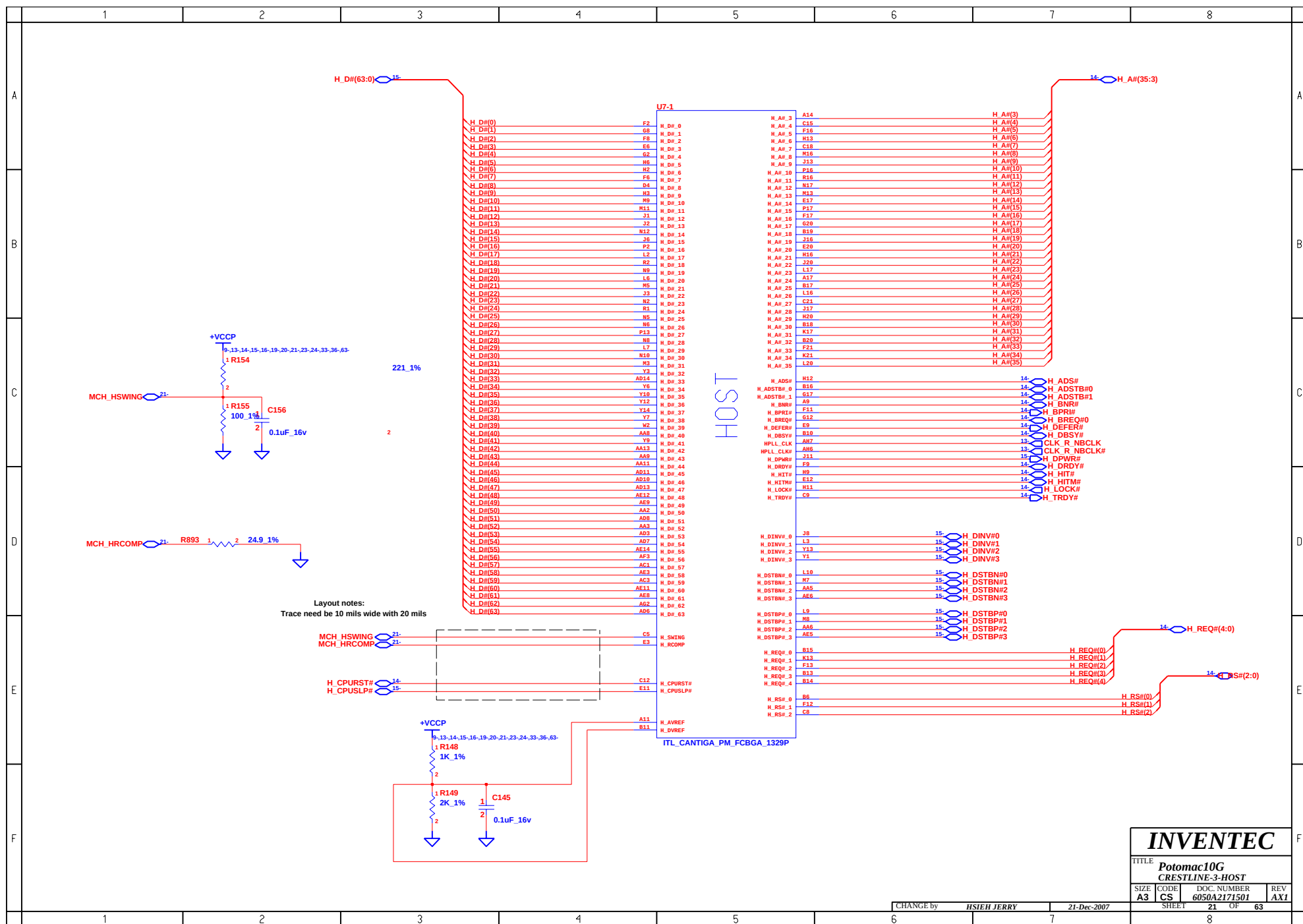


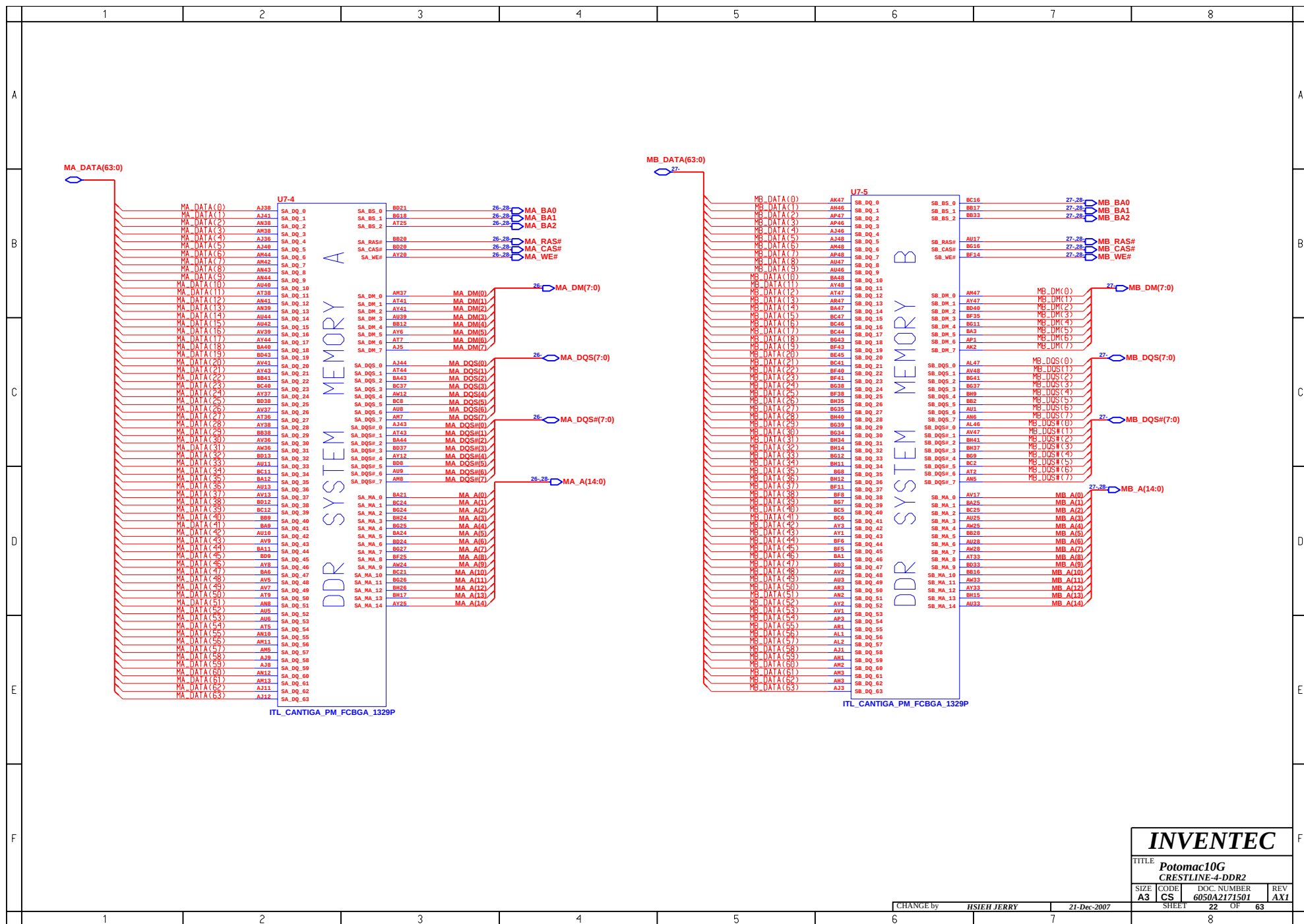


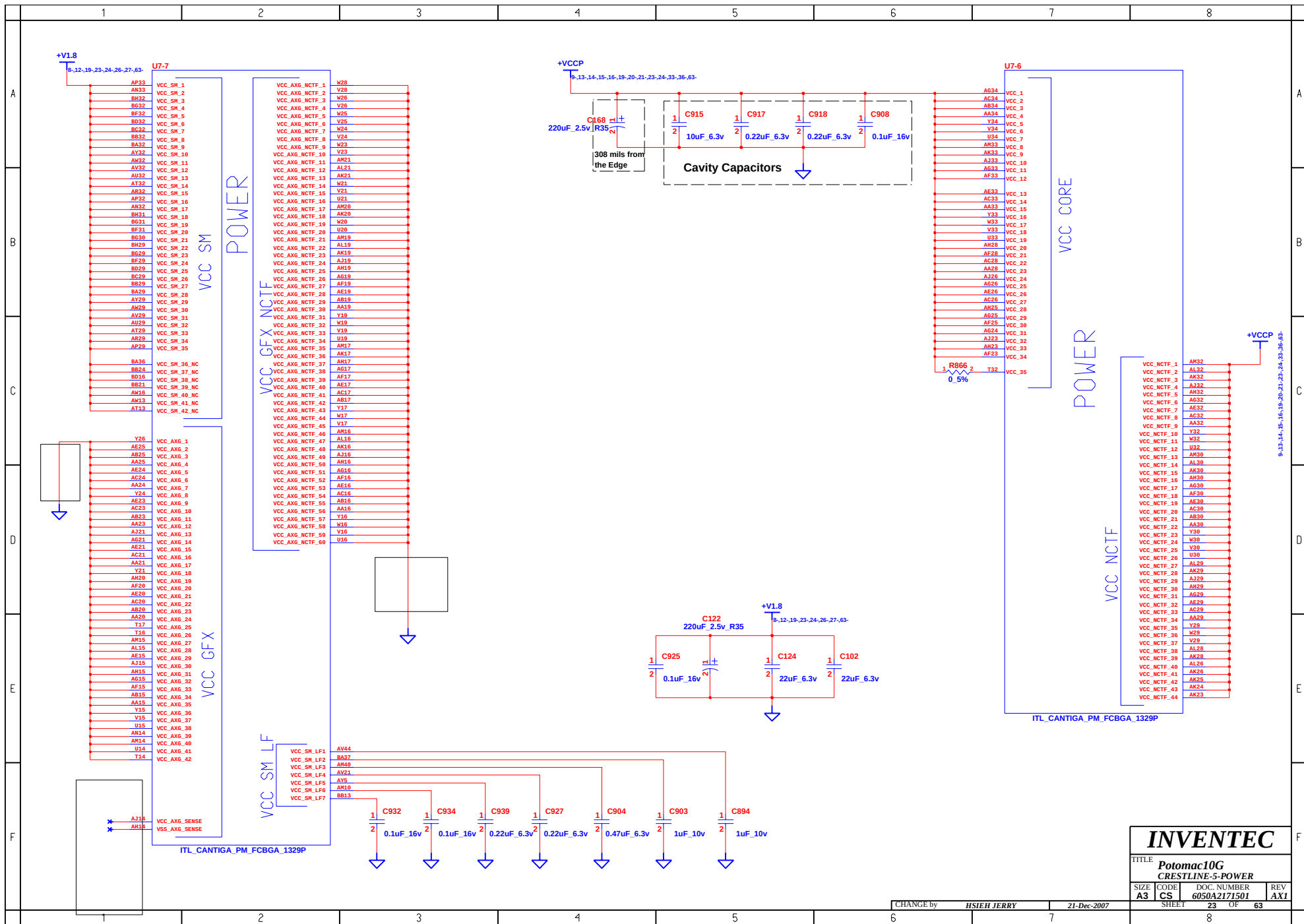
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Potomac10G			
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CHANGE by HSEH JERRY 21-Dec-2007





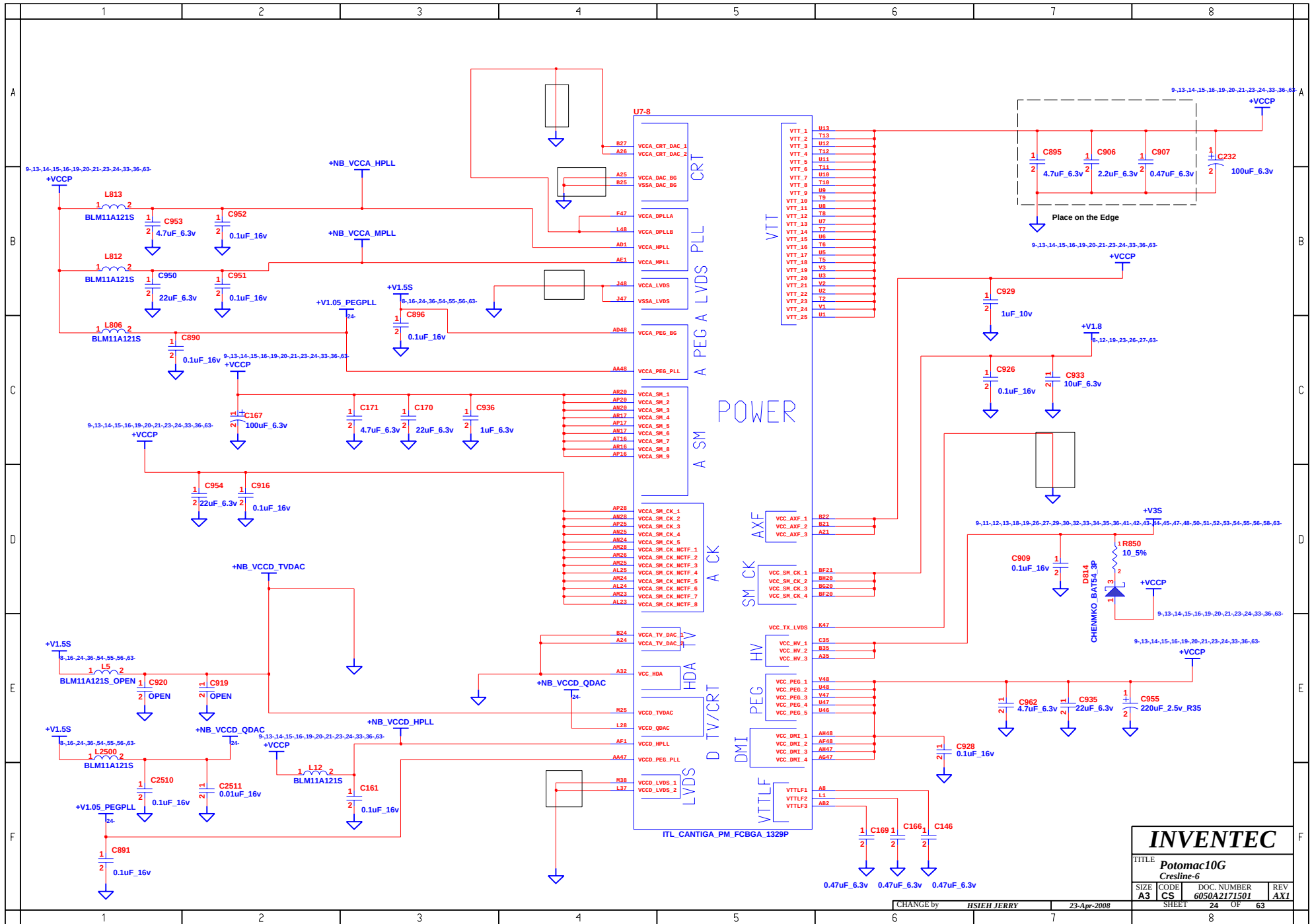


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Potomac10G
CRESTLINE-5-POWER

SIZE CODE DOC. NUMBER REV
A3 CS 6050A2171501 AX1

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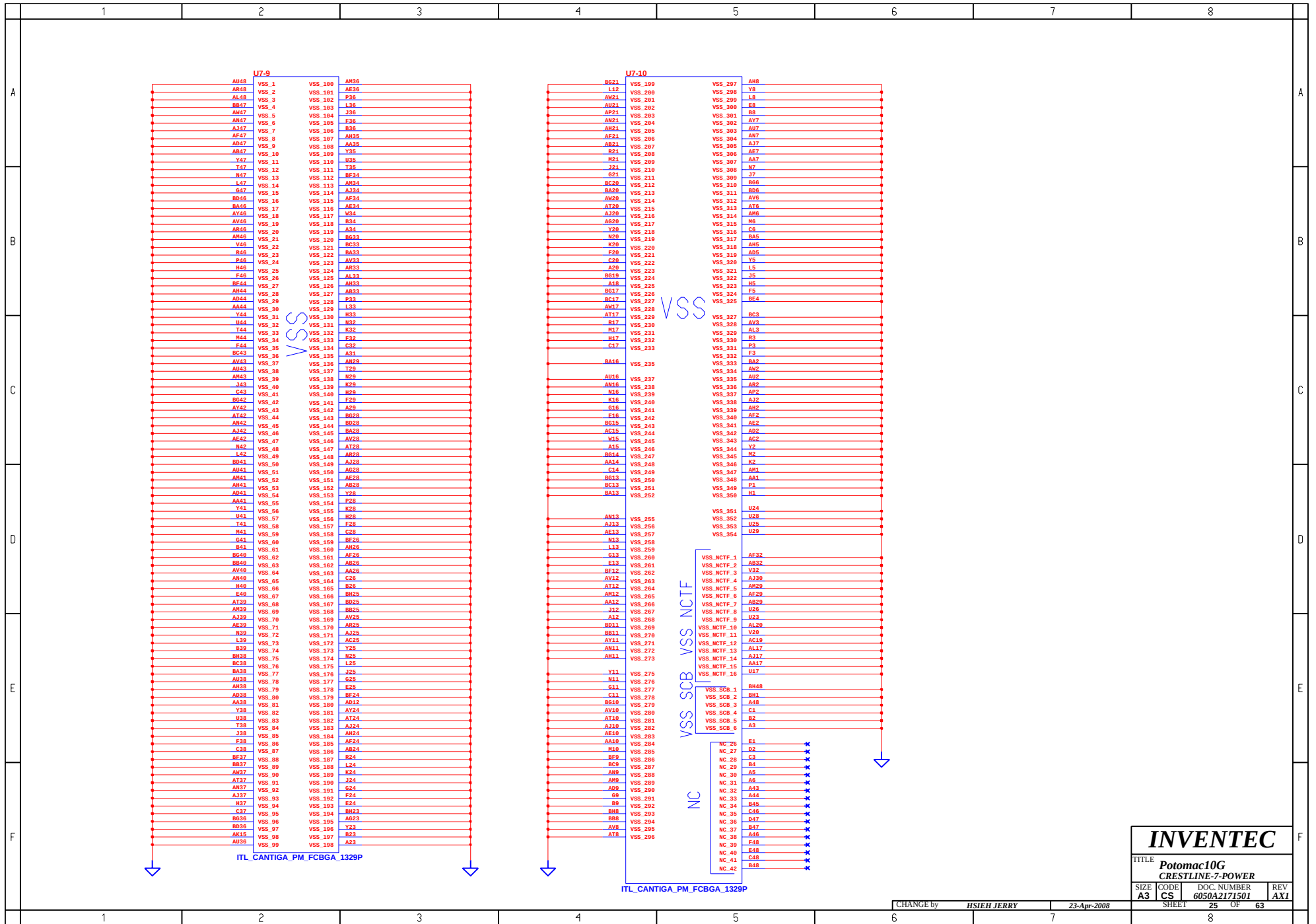


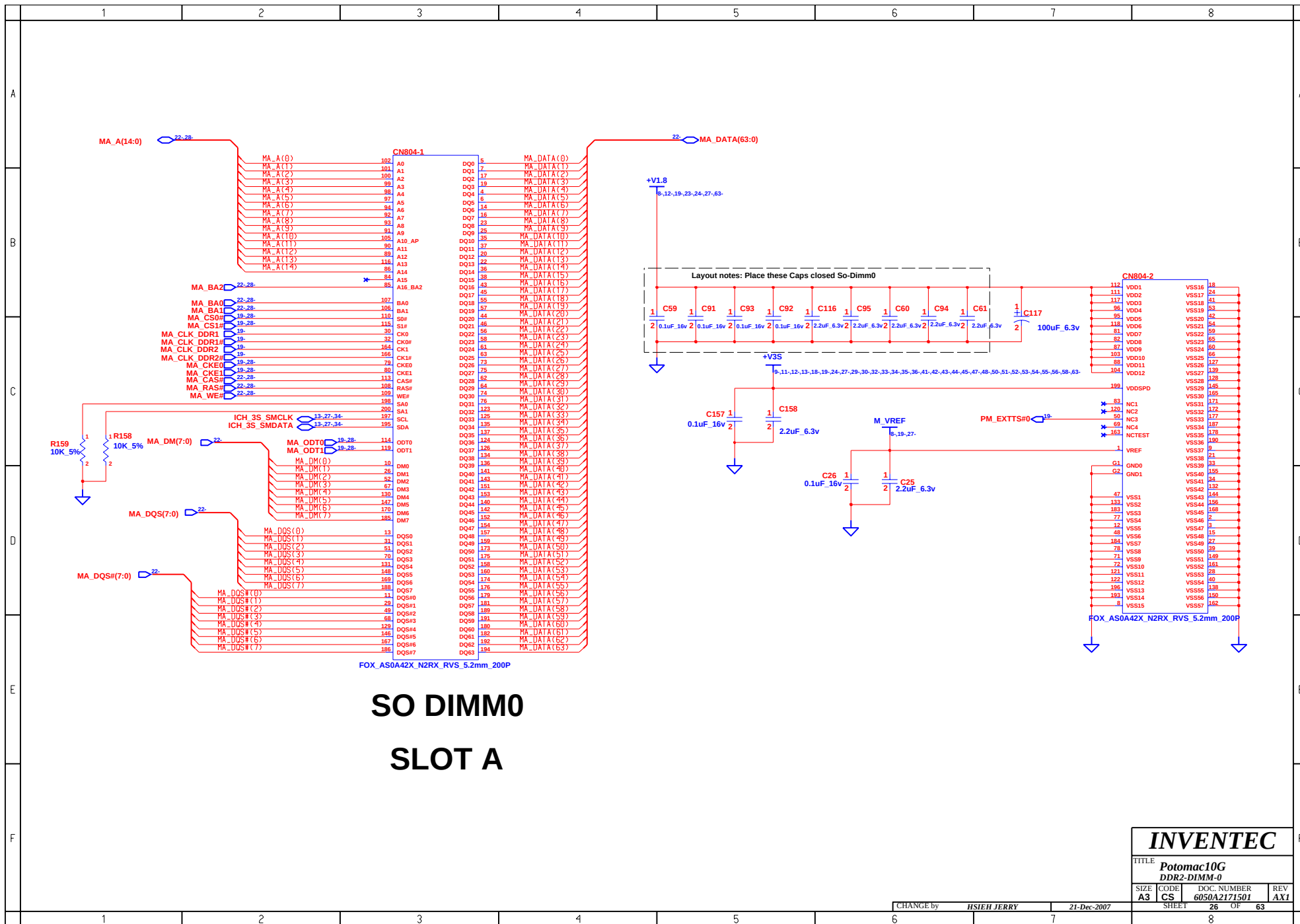
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Potomac10G			
Cresline-6			
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CHANGE by HSEH JERRY 23-Apr-2008

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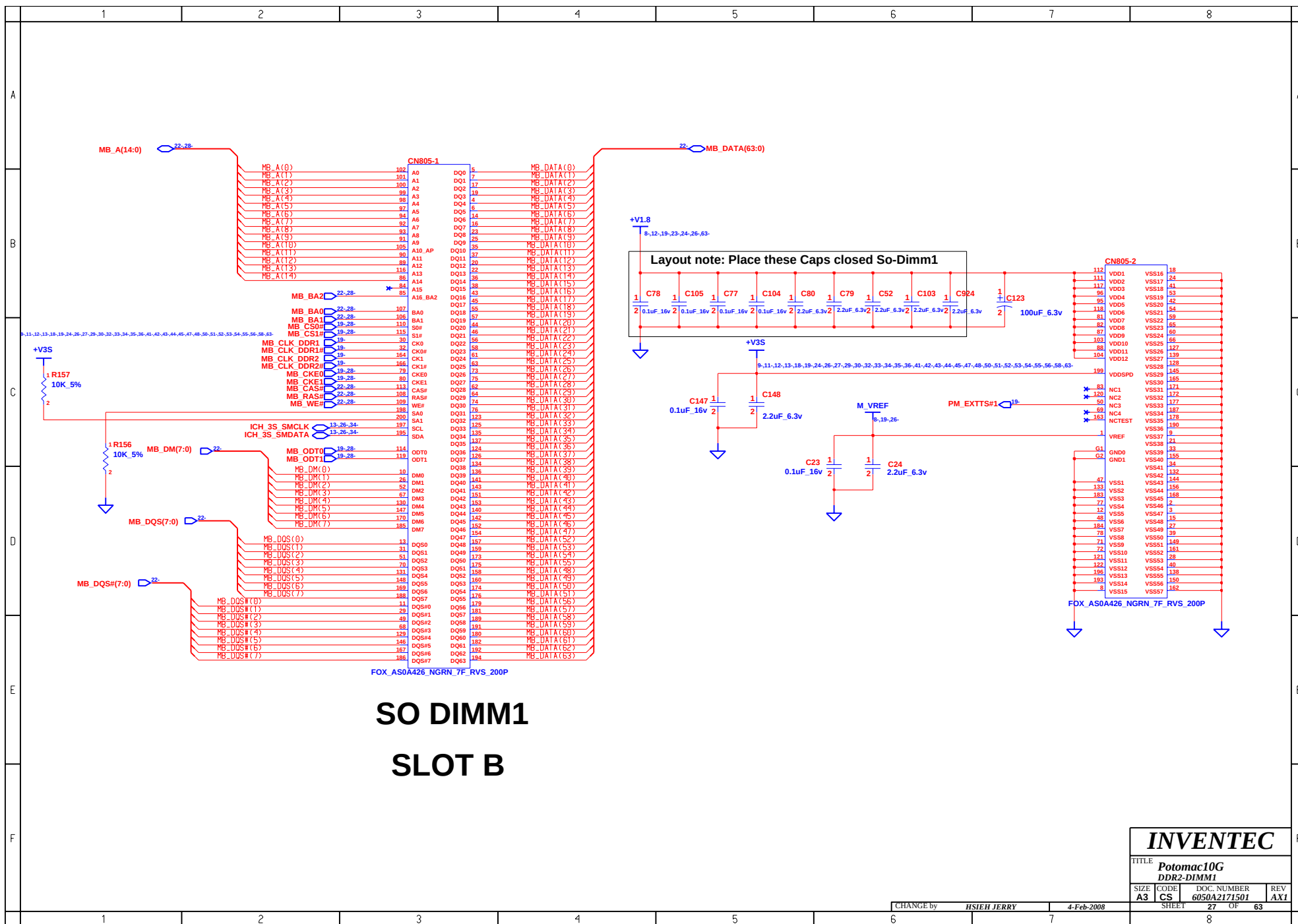


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CHANGE by **Hsieh JERRY** 21-Dec-2007

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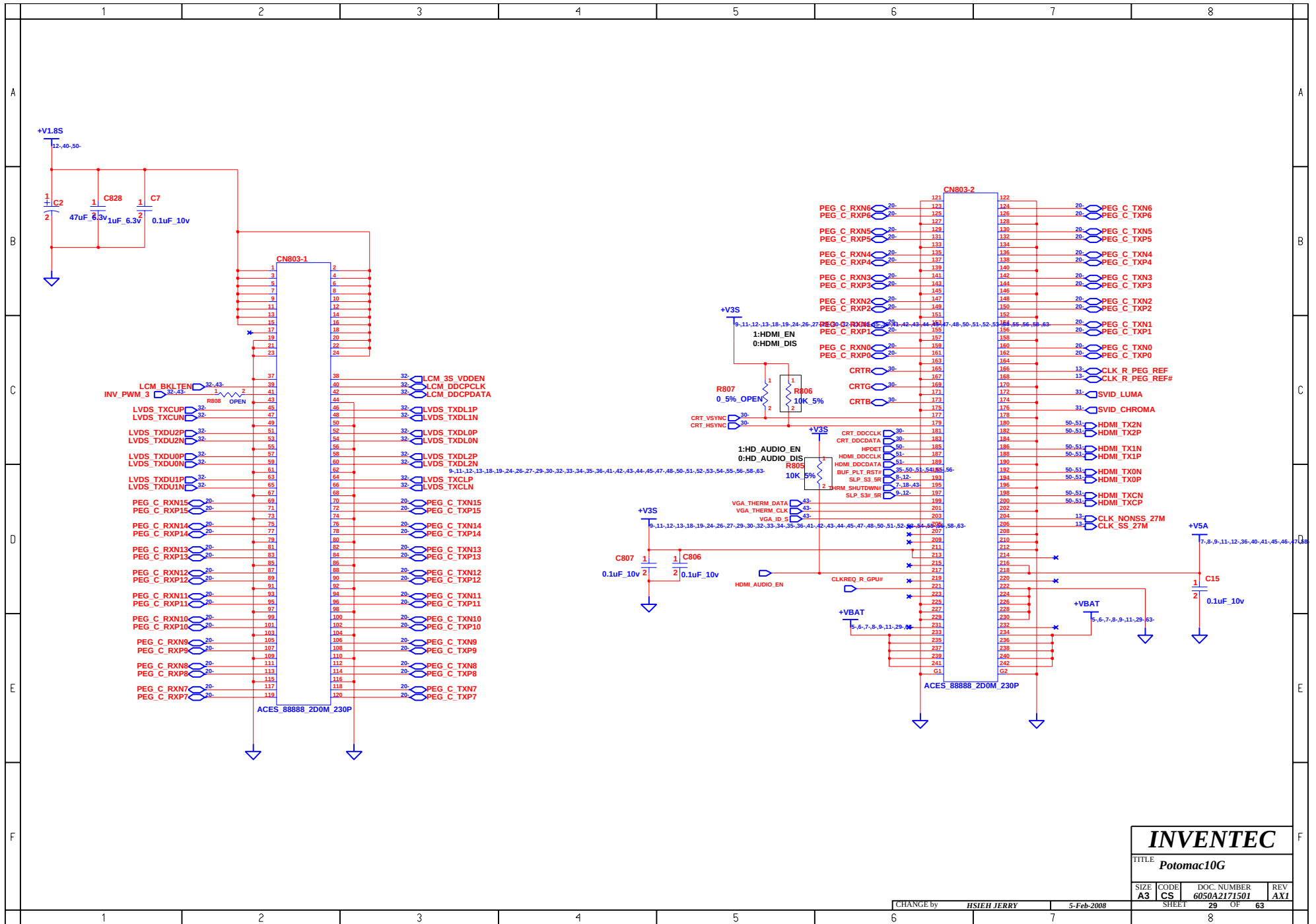
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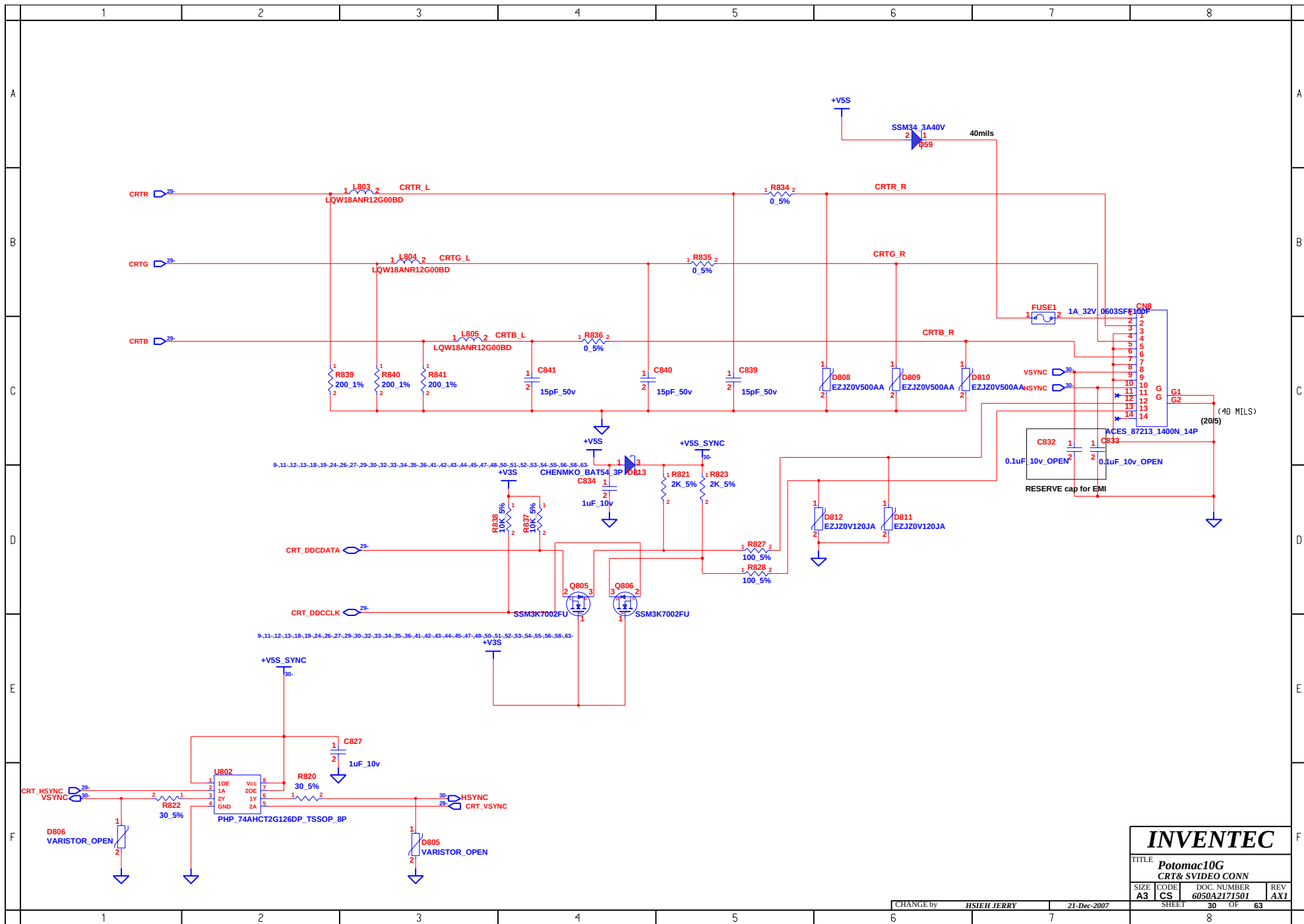
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DDR2-DAMPING

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CHANGE by **HSIEH JERRY** 27-Sep-2003

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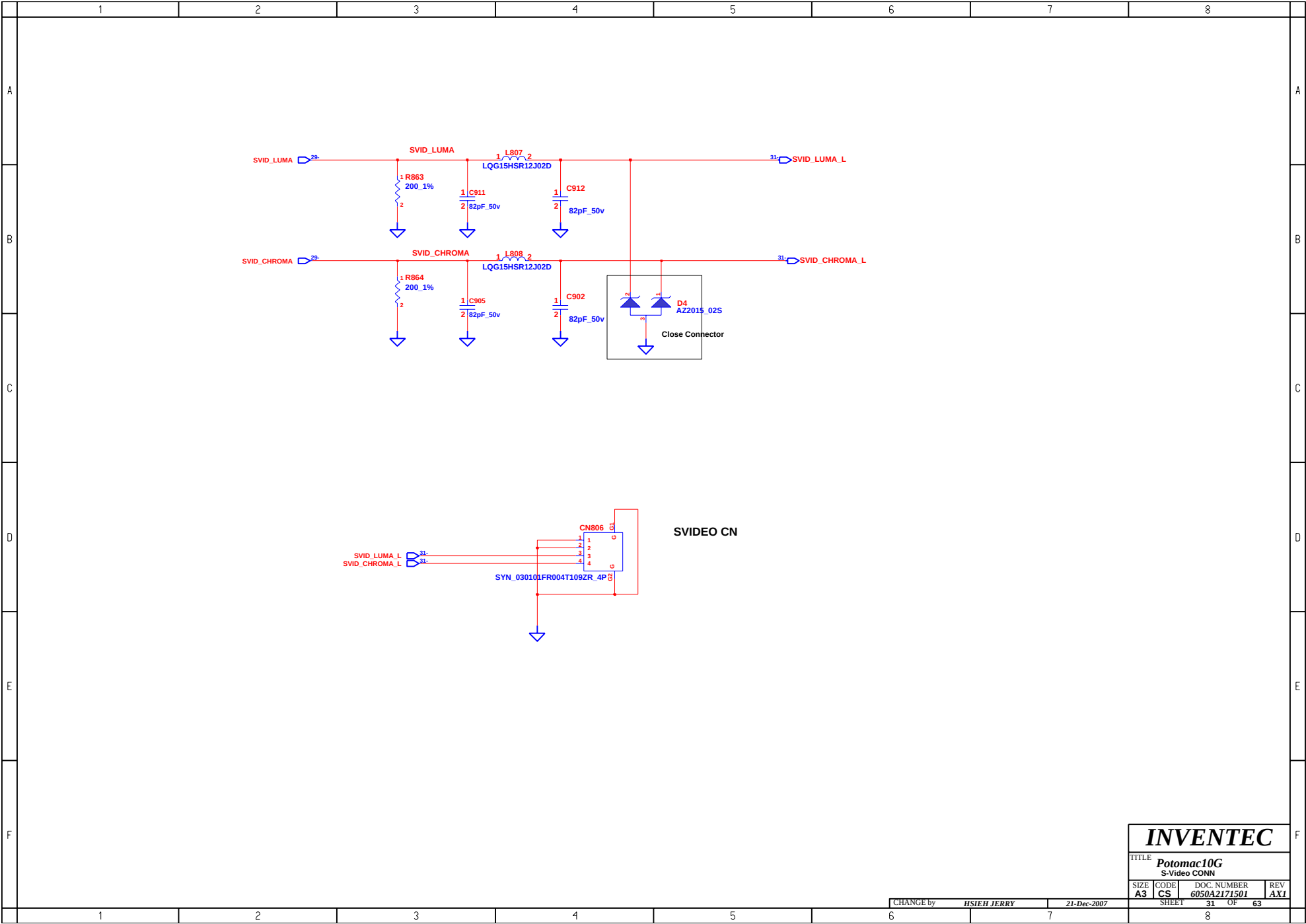


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REV		AX1

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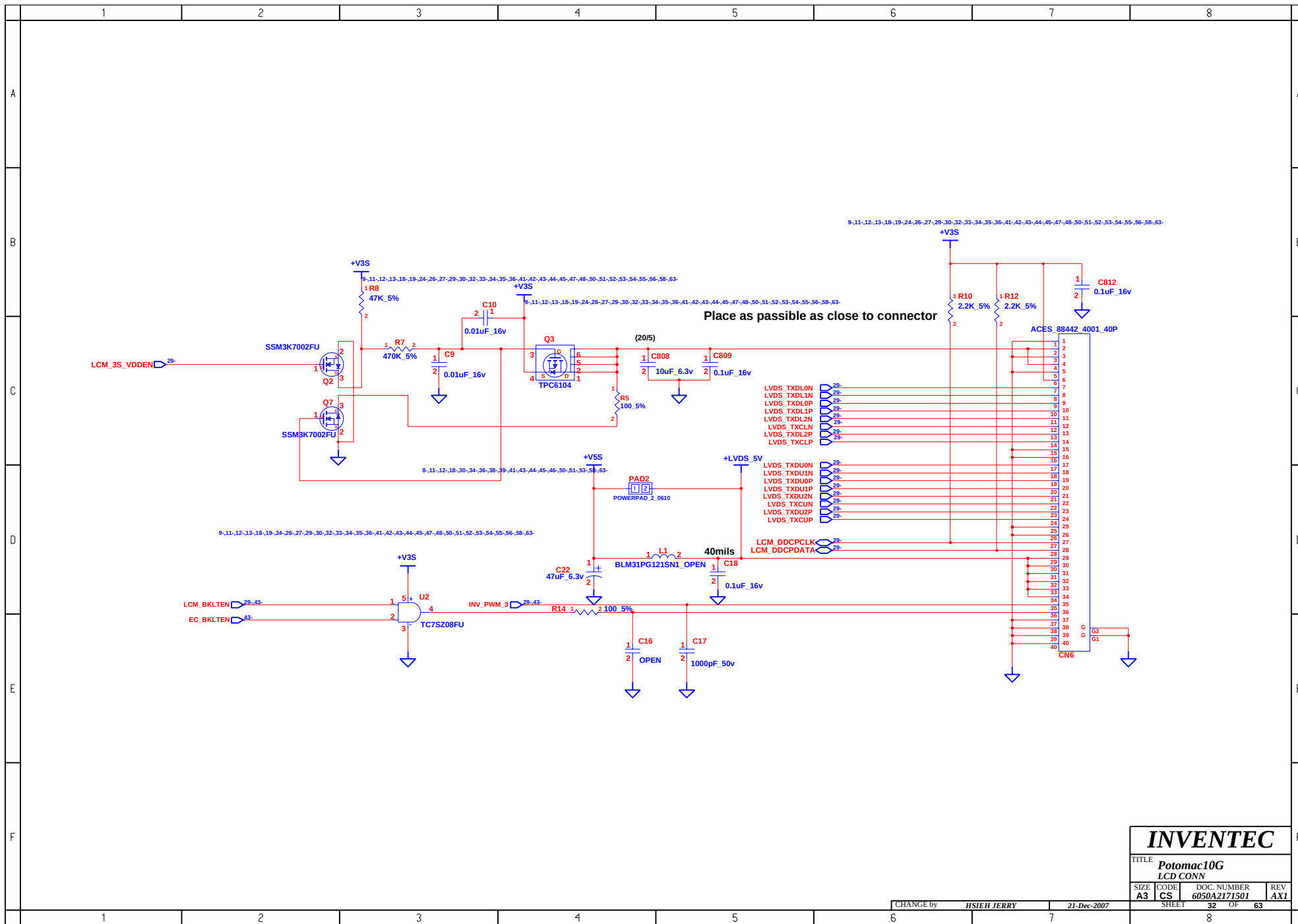
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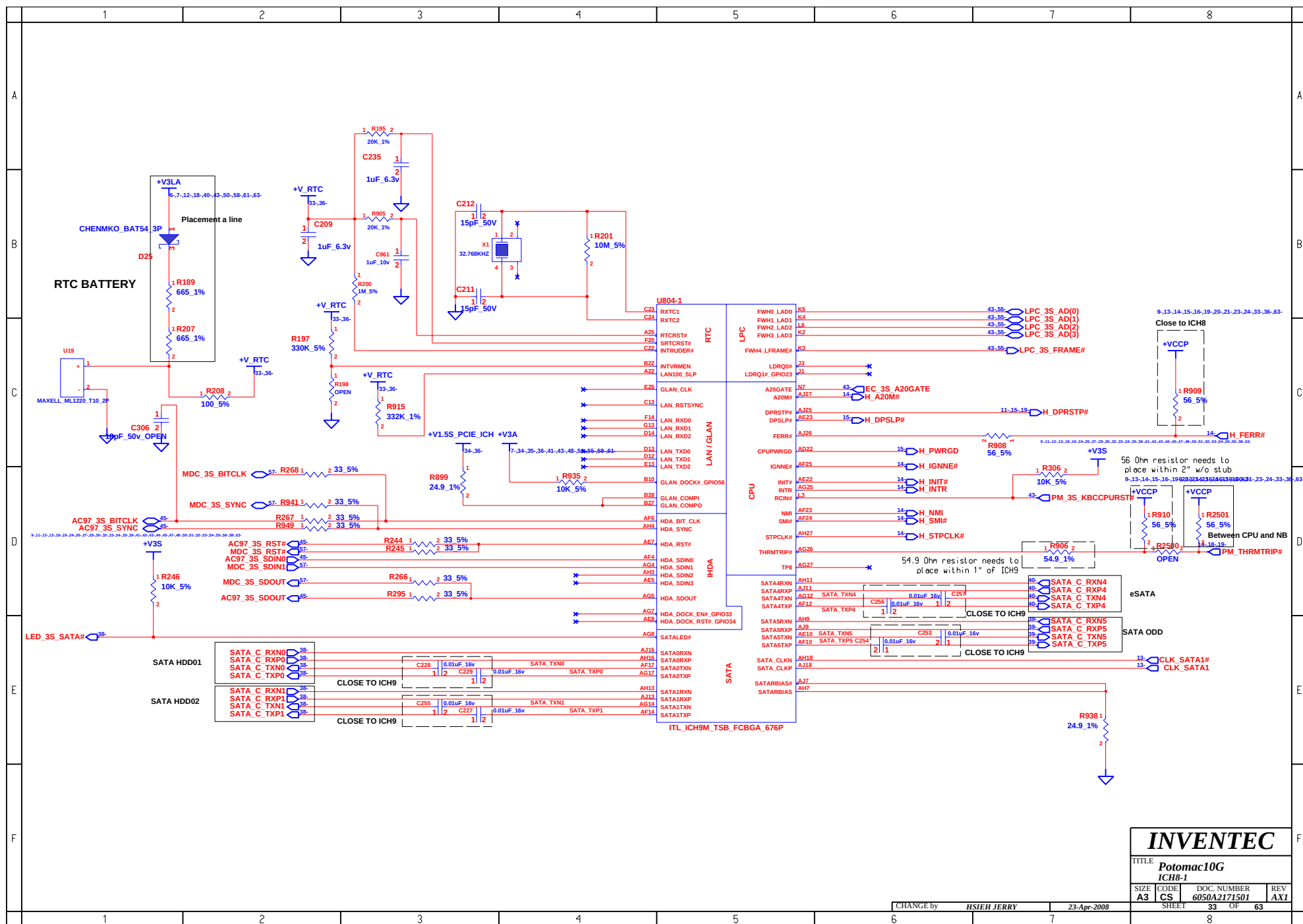
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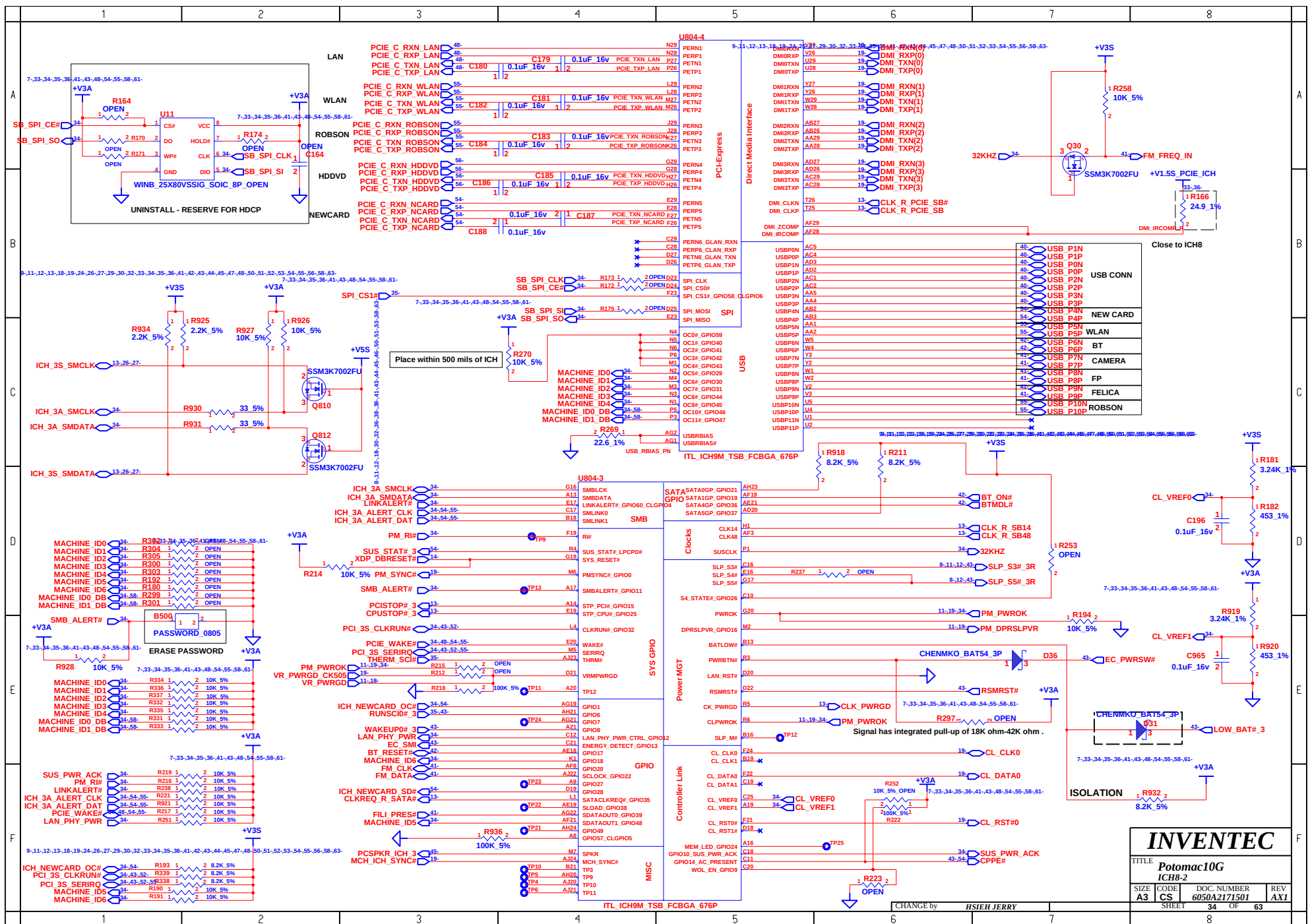
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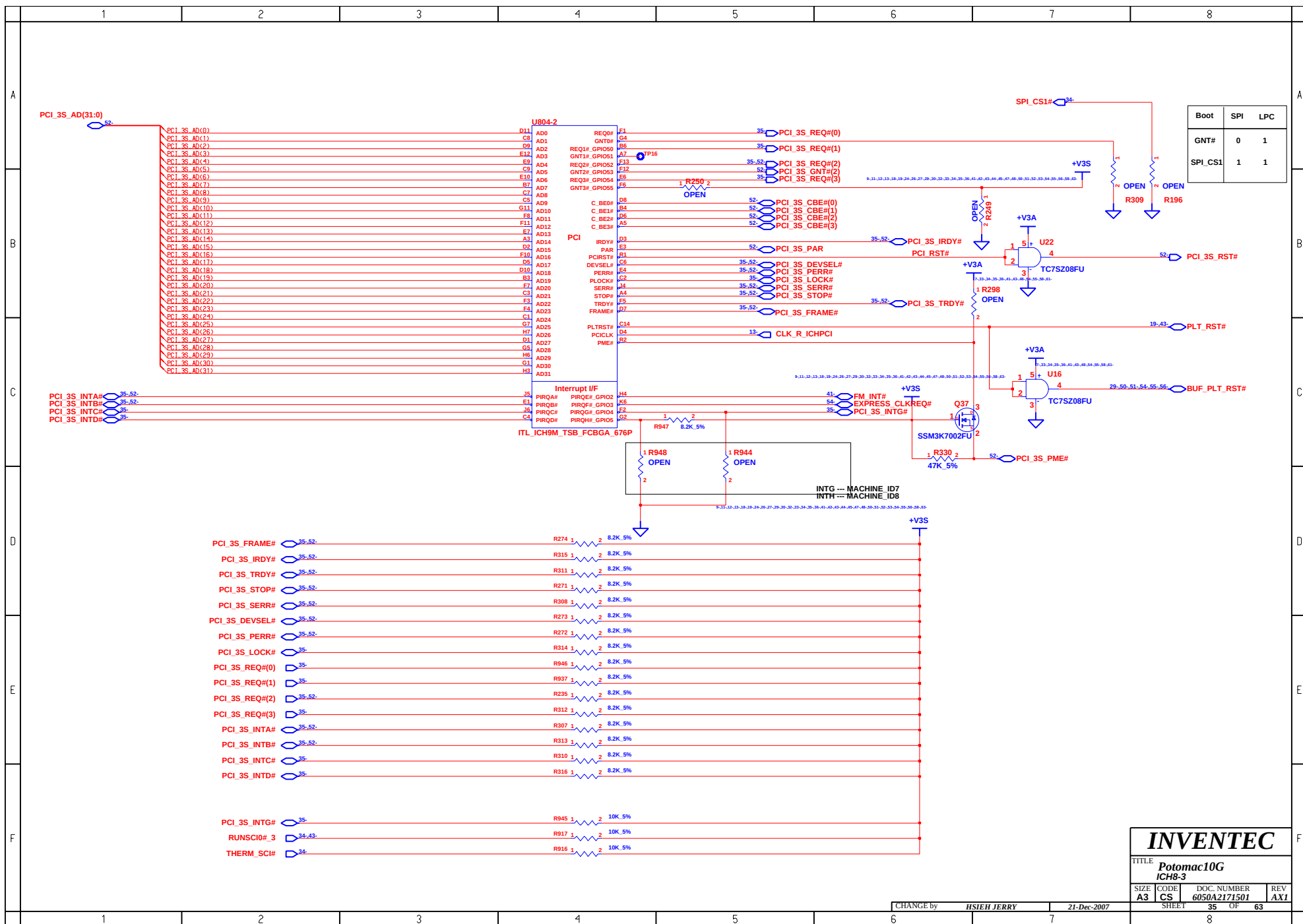


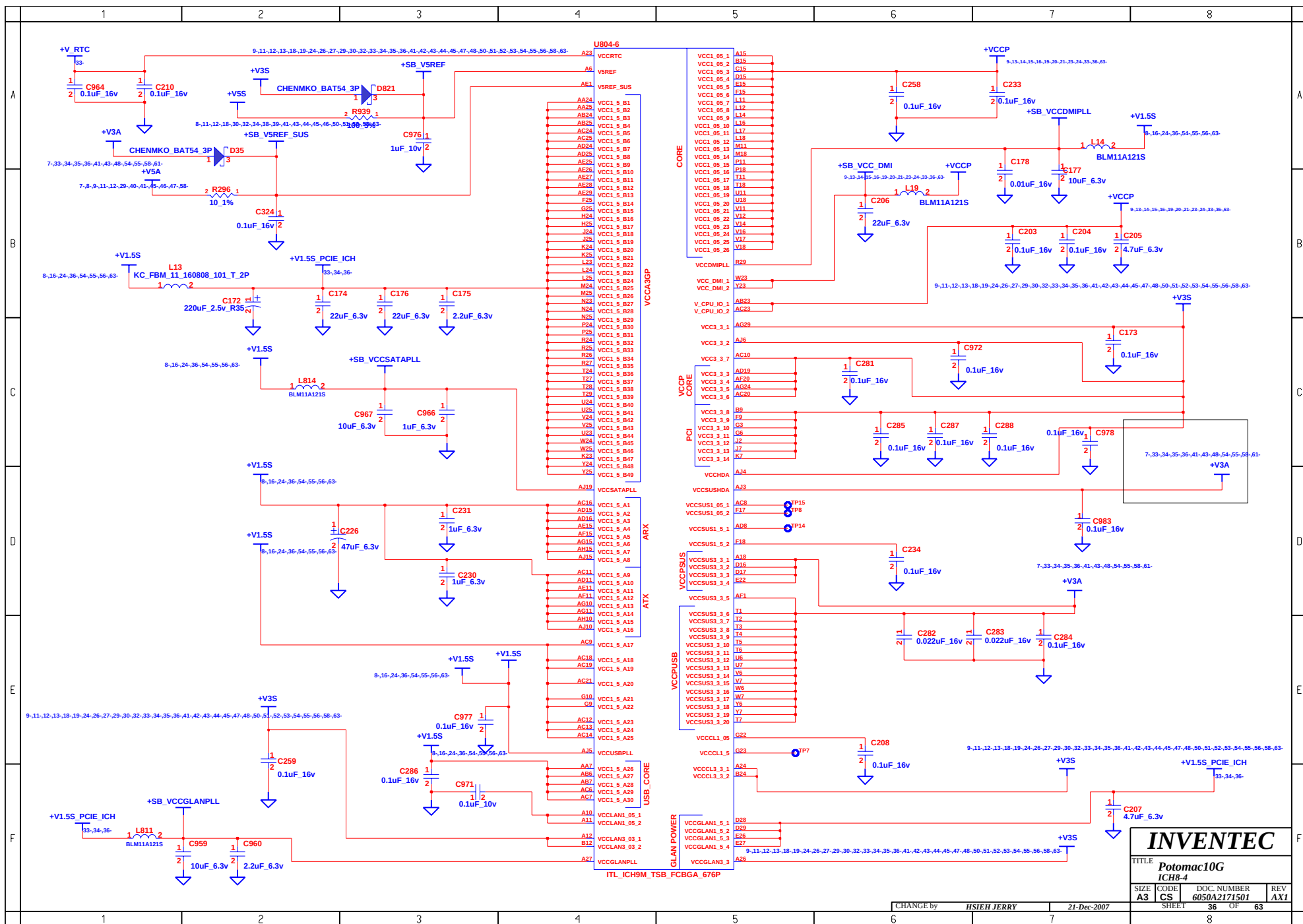
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CHANGE by		21-Dec-2007	
Hsieh Jerry			
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U804-5

AA26 VSS001

AA27 VSS002

AA8 VSS003

AA8 VSS004

AB1 VSS005

AA23 VSS006

AB26 VSS007

AB26 VSS008

AB4 VSS009

AB5 VSS010

AC10 VSS011

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AC3 VSS014

AD1 VSS015

AD16 VSS016

AD12 VSS017

AD13 VSS018

AD14 VSS019

AD17 VSS020

AD18 VSS021

AD21 VSS022

AD26 VSS023

AD29 VSS024

AD4 VSS025

AD6 VSS026

AD6 VSS027

AD7 VSS028

AD9 VSS029

AE13 VSS030

AE13 VSS031

AE14 VSS032

AE14 VSS033

AE17 VSS034

AE3 VSS035

AE20 VSS036

AE24 VSS037

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AE4 VSS039

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AF18 VSS044

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AF27 VSS048

AF3 VSS049

AF7 VSS050

AF9 VSS051

AG13 VSS052

AG16 VSS053

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R13

R14

R15

R16

R17

R18

R28

T12

T13

T14

T15

T16

T17

T23

B26

U12

U13

U14

U15

U16

U17

AD23

U26

U27

U3

V1

V13

V15

V23

V28

V29

V4

V5

W26

W27

W3

Y1

Y28

Y29

Y4

Y5

AG28

AH6

AF2

B25

ITL ICH9M_TSB_FCBGA_676P

CHANGE by

HSIEH JERRY

21-Dec-2007

SIZE

A3

CODE

CS

DOC. NUMBER

6050A2171501

SHEET

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OF

63

REV

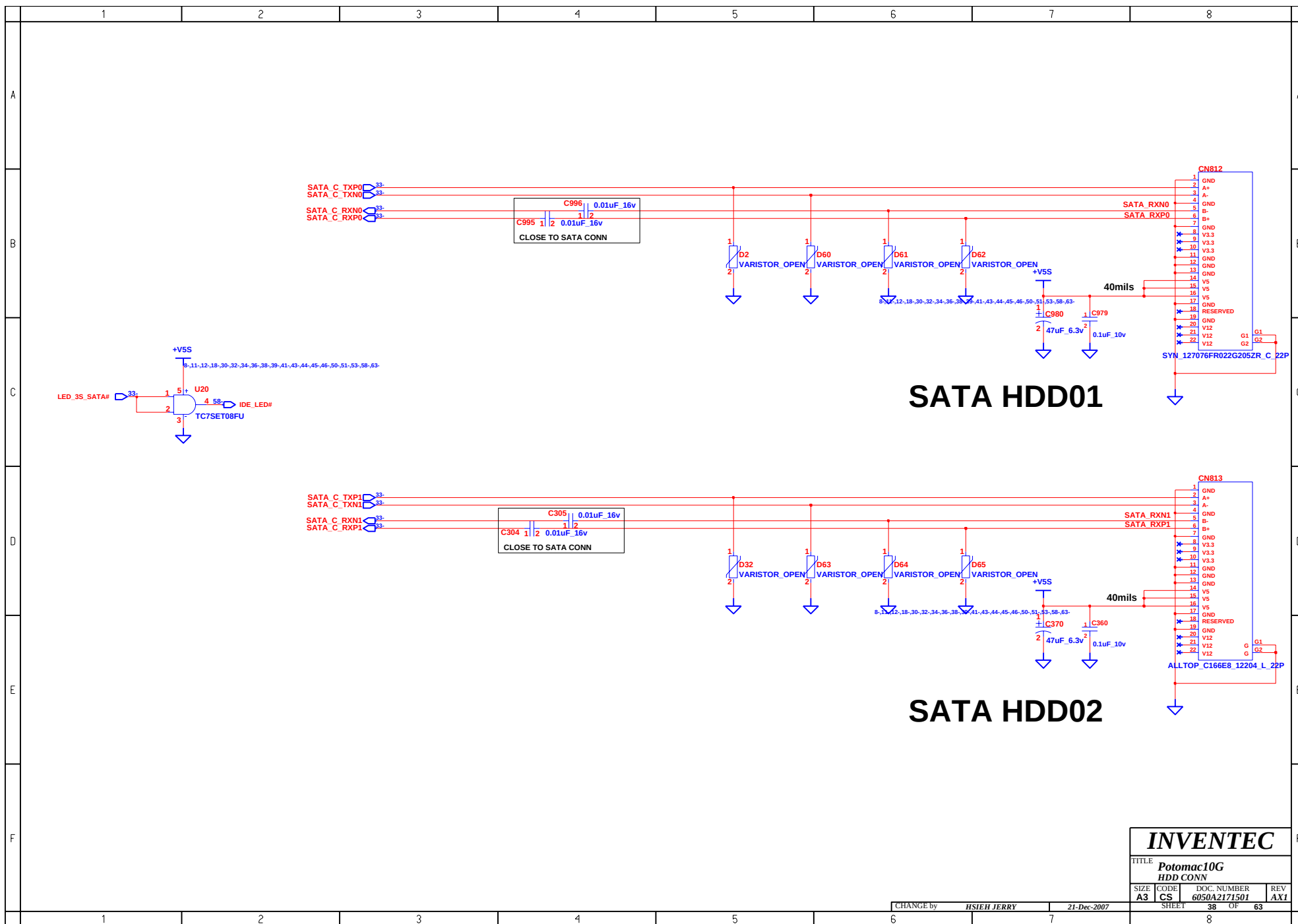
AX1

INVENTEC

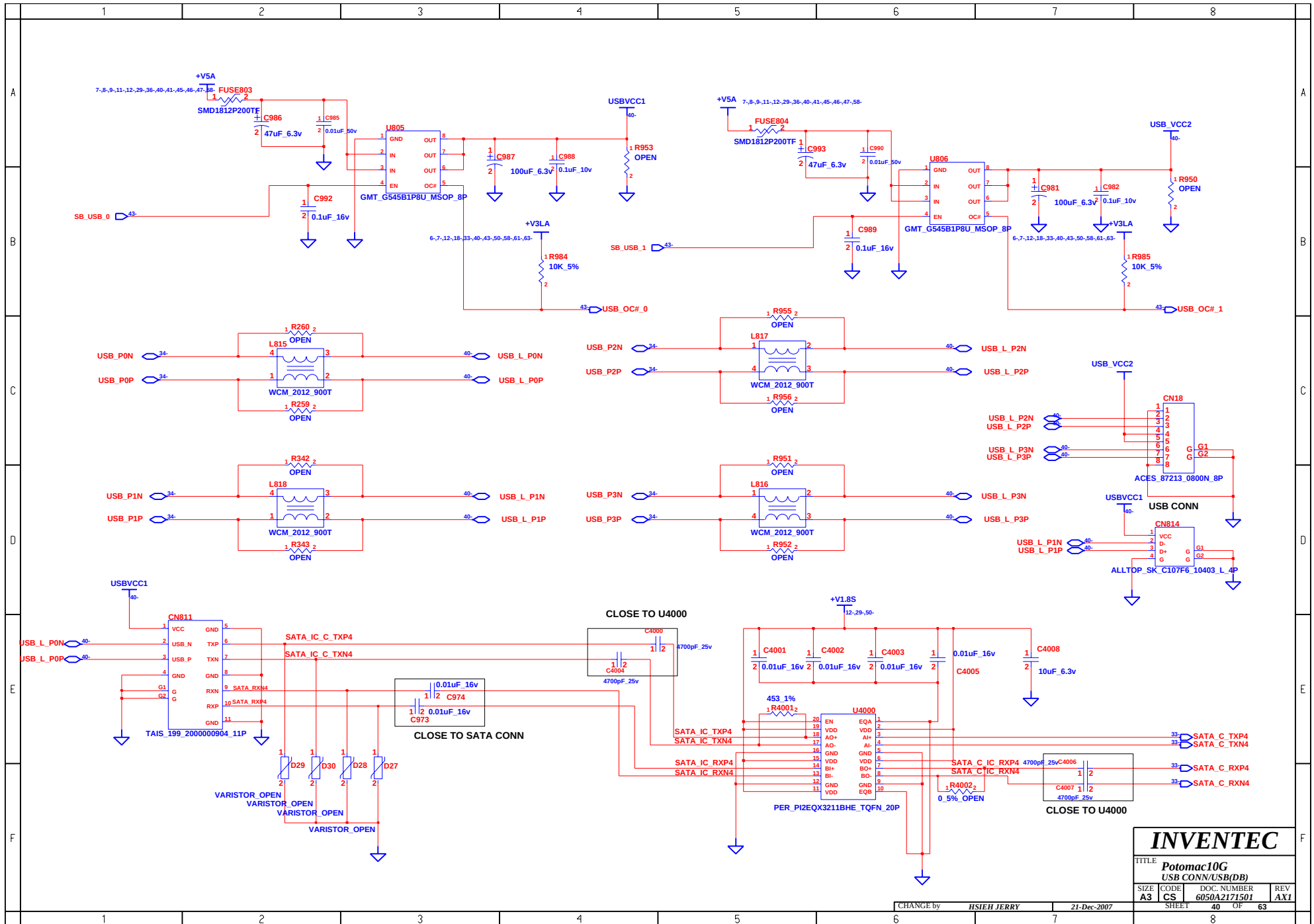
TITLE

Potomac10G

ICH8-5





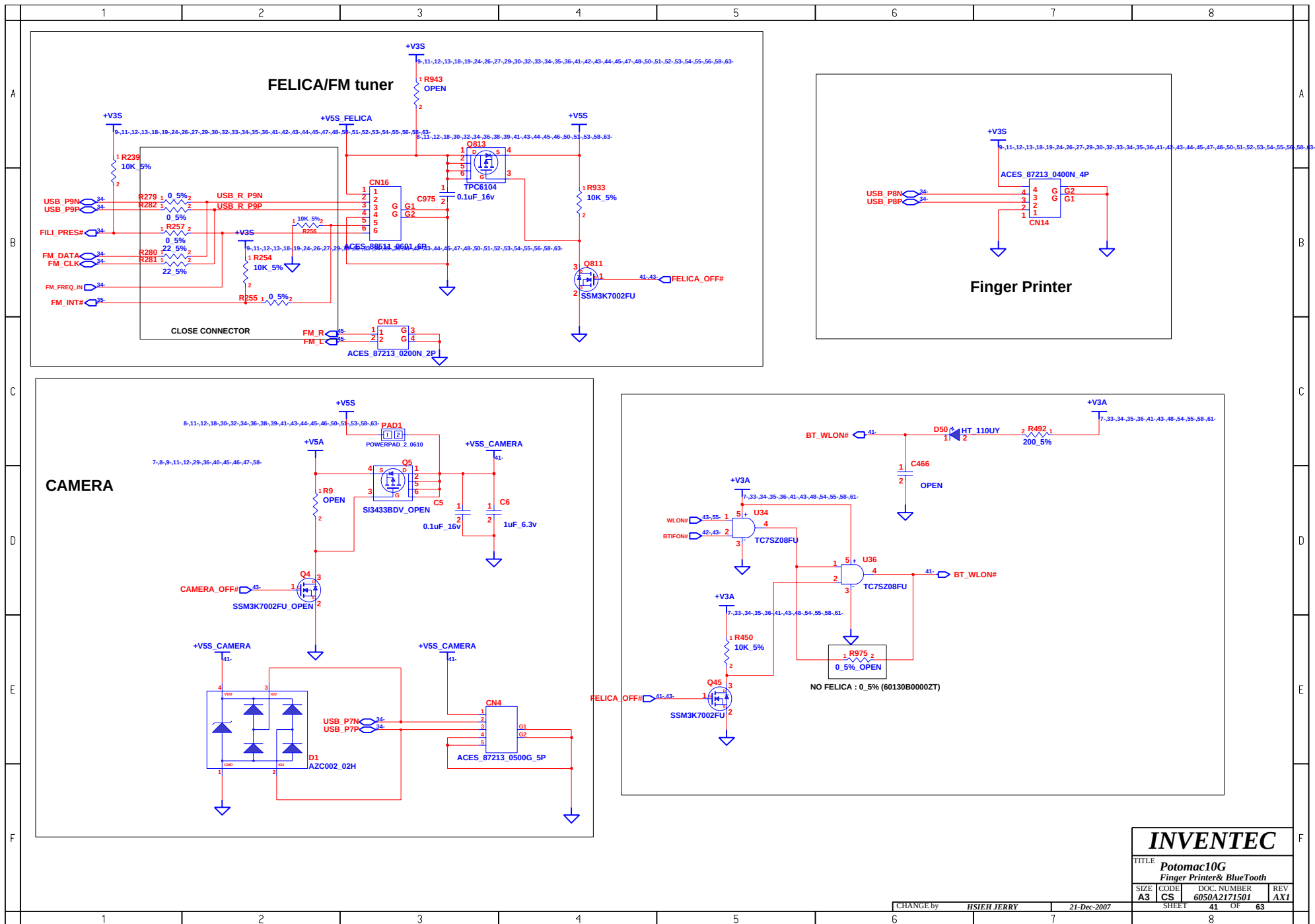


INVENTEC

TITLE Potomac10G USB CONN/USB(DB)			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1

CHANGE by **HSEH JERRY** 21-Dec-2007

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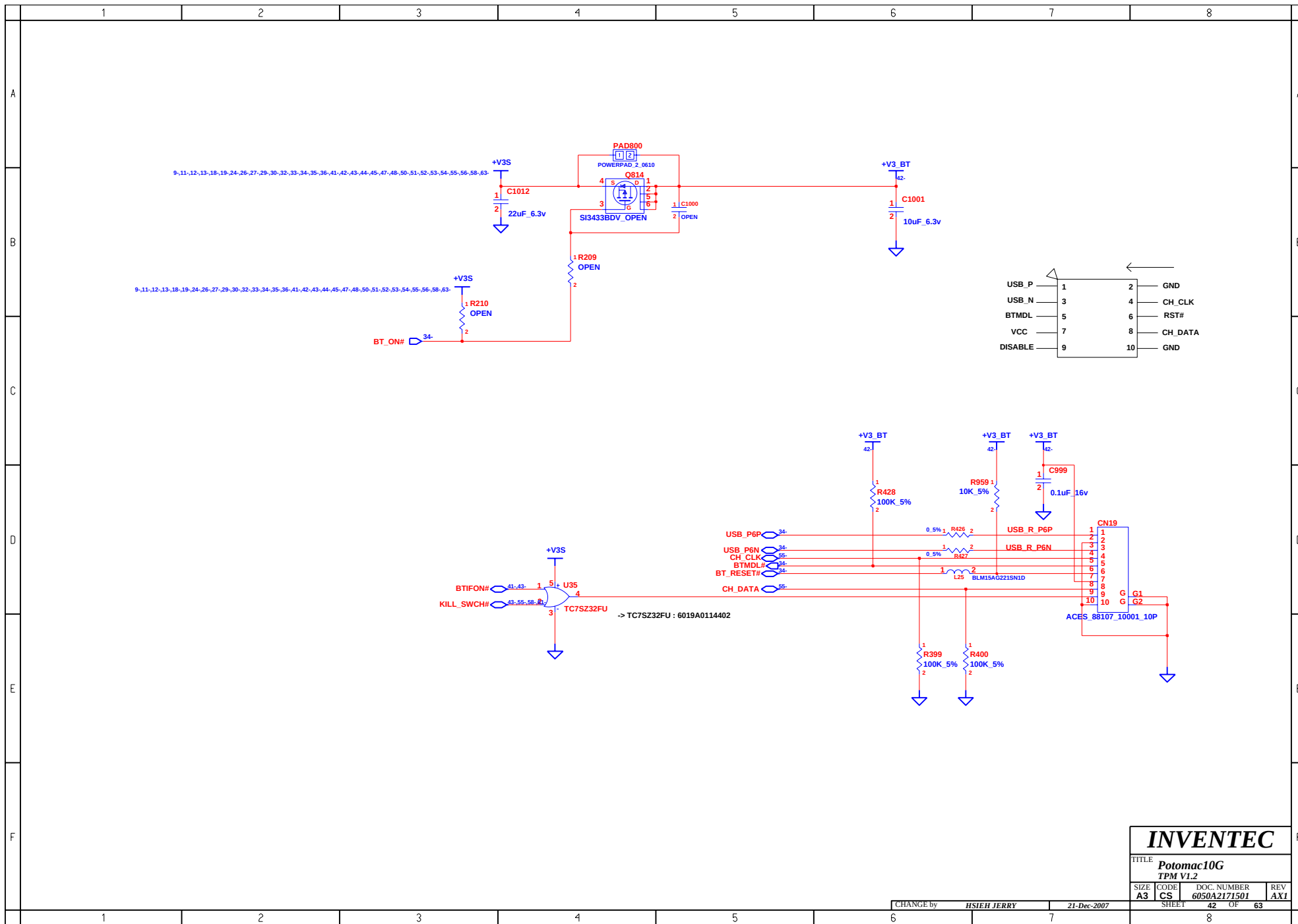


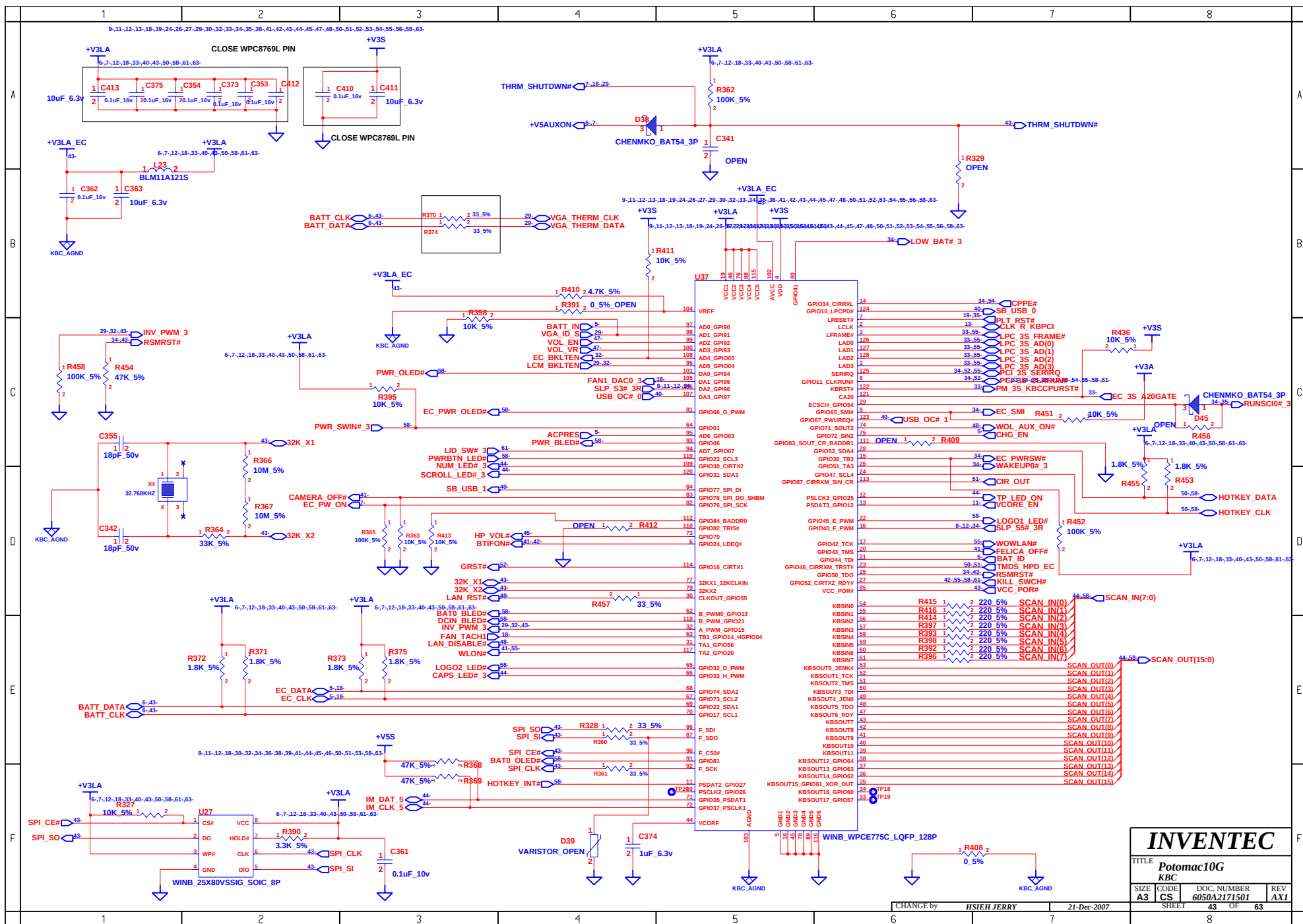
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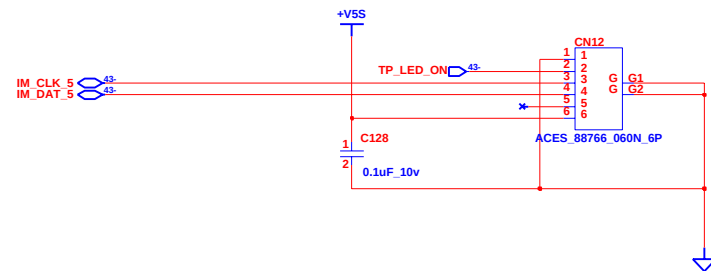
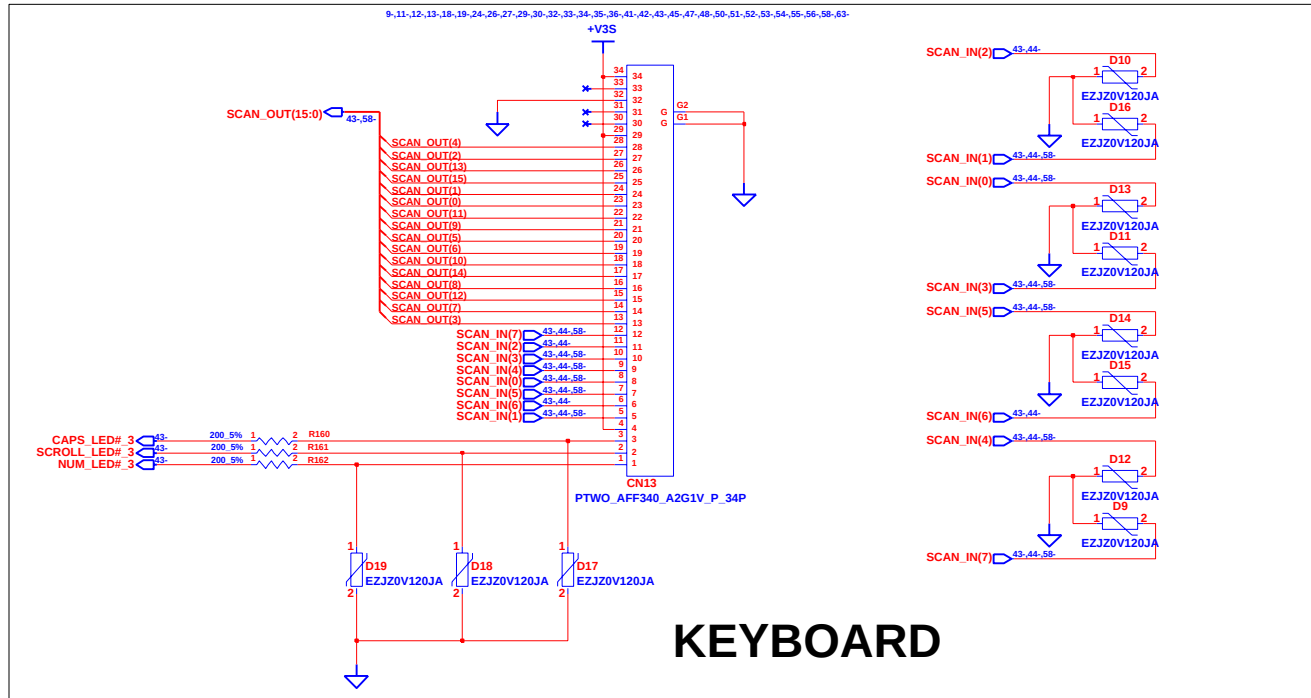
TITLE Potomac10G Finger Printer & BlueTooth			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1

CHANGE by **Hsieh JERRY** 21-Dec-2007

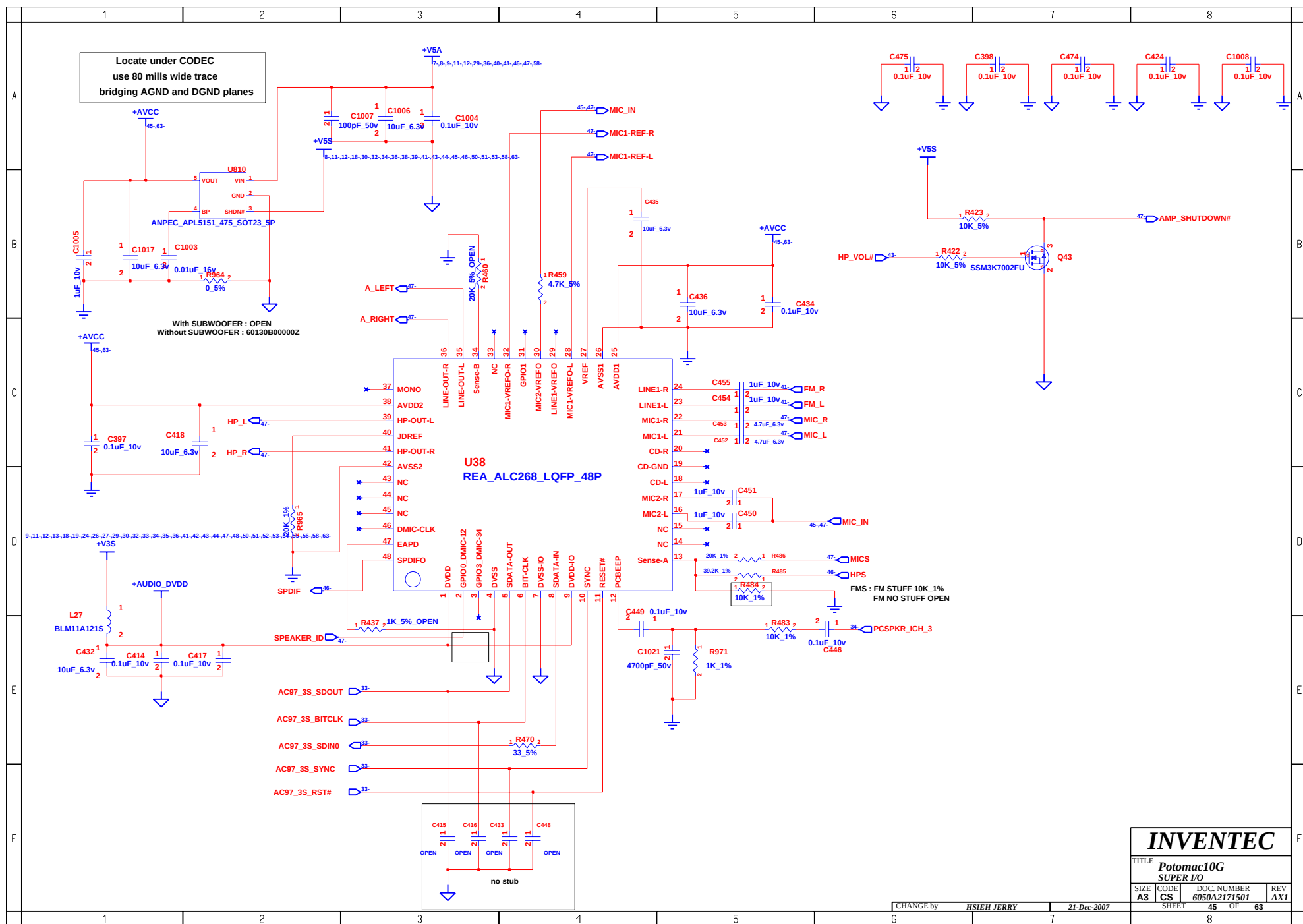
SHEET 41 OF 63

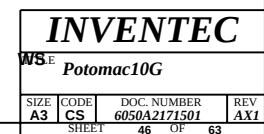




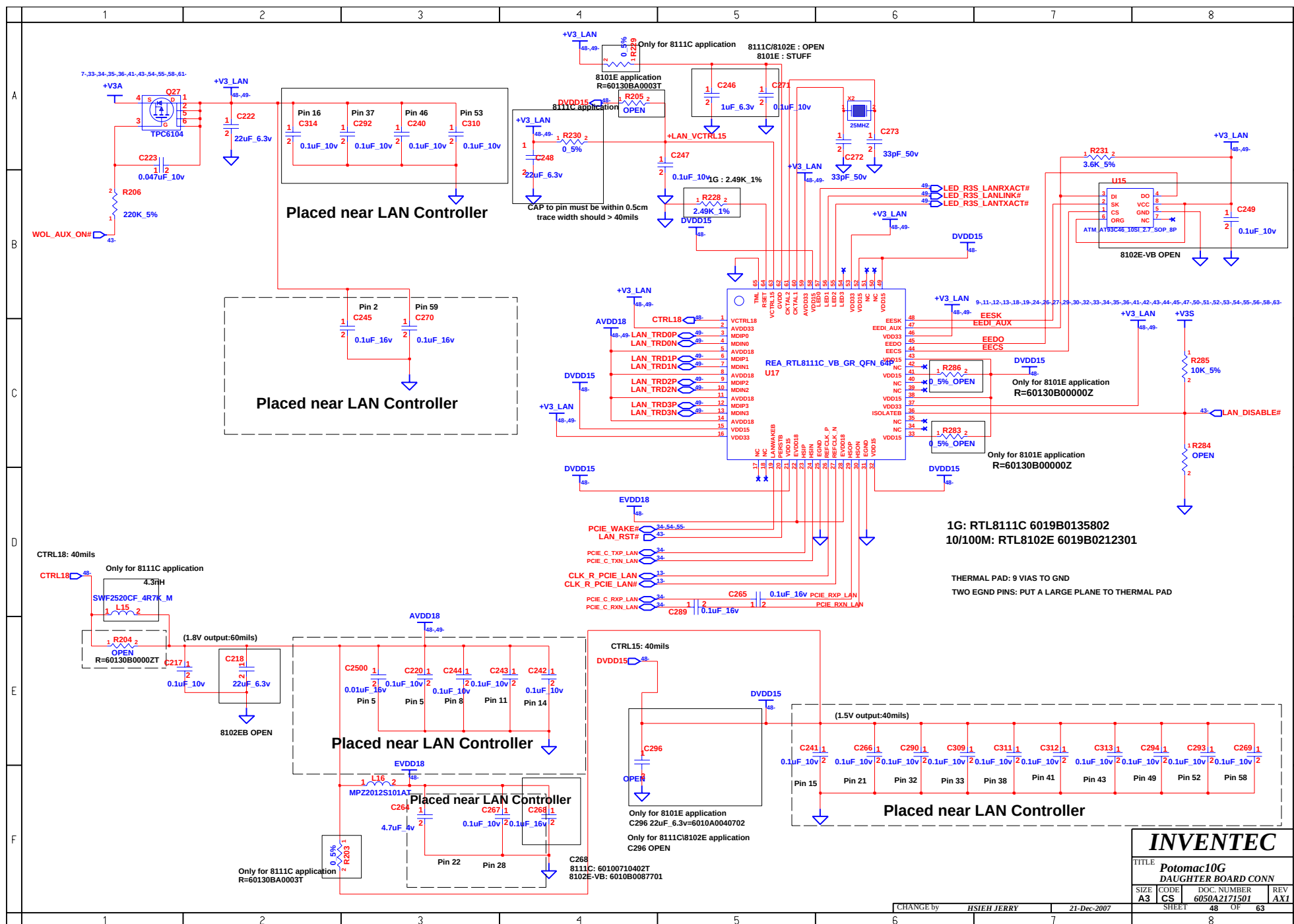


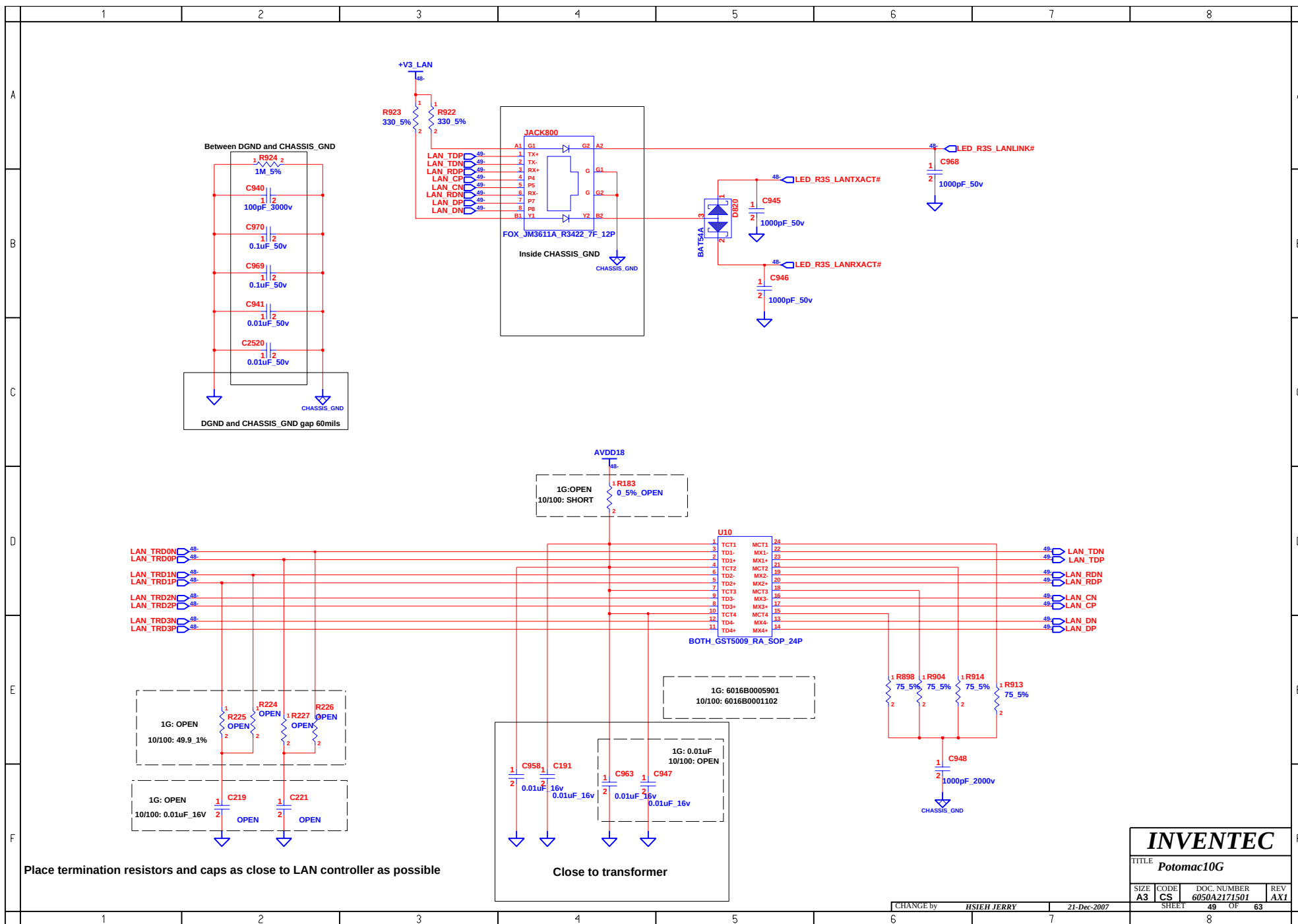
INVENTEC			
TITLE Potomac10G INT.KBC/POINT DEVICES			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
CHANGE by Hsieh JERRY		21-Dec-2007	
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CHANGE by	HSIEH JERRY	21-Dec-2007
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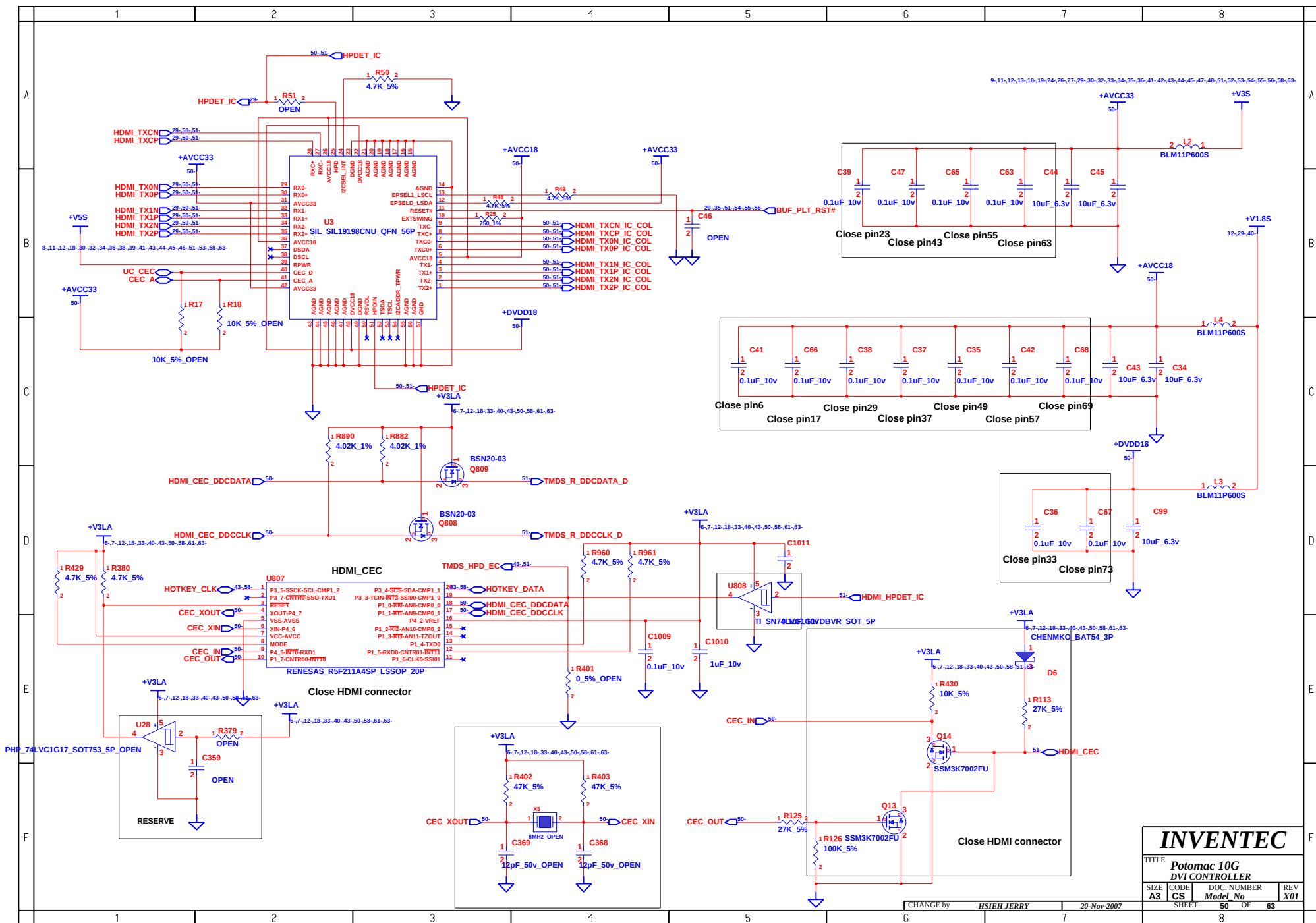
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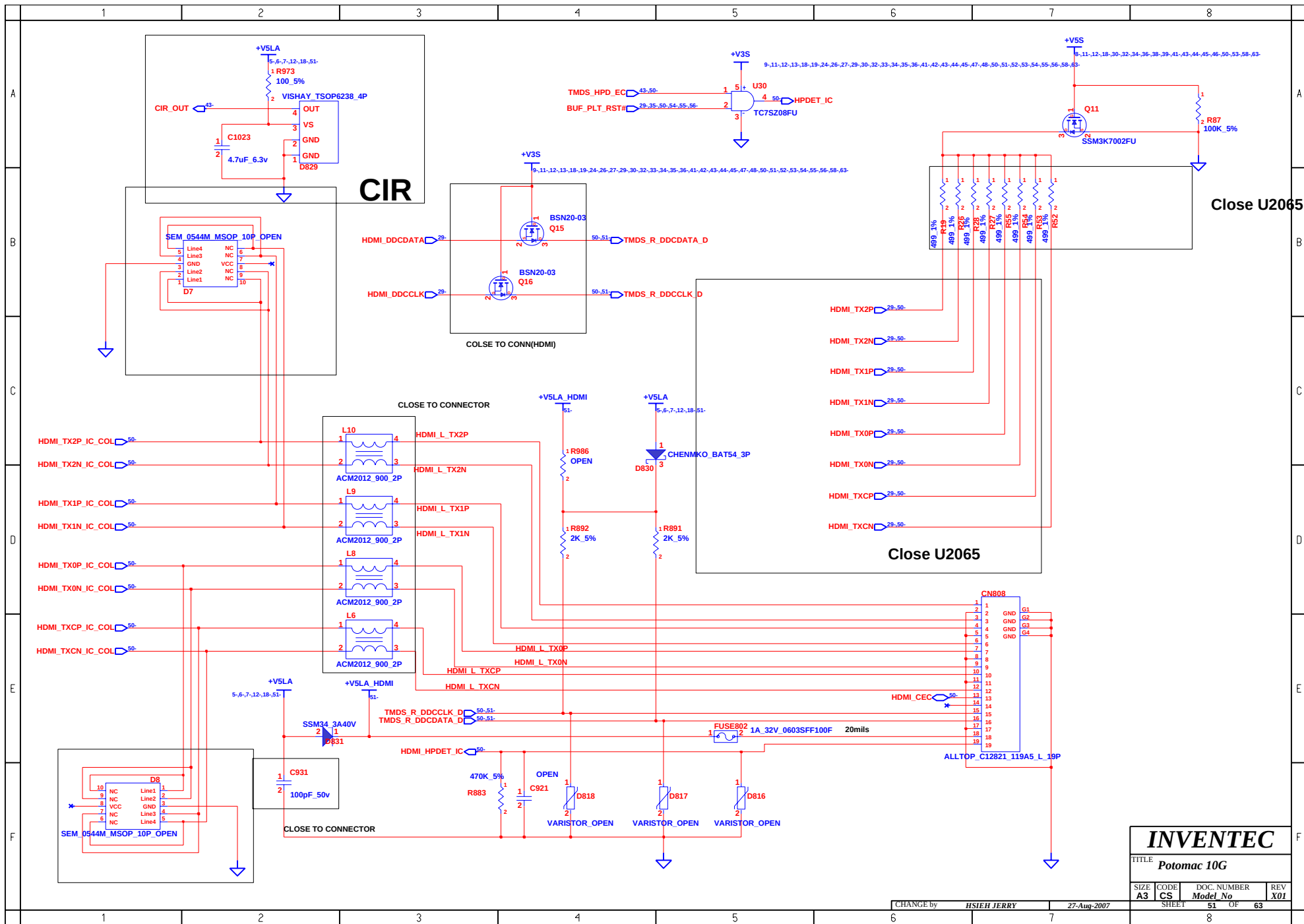
TITLE
Potomac10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

CHANGE by **Hsieh JERRY** 21-Dec-2007

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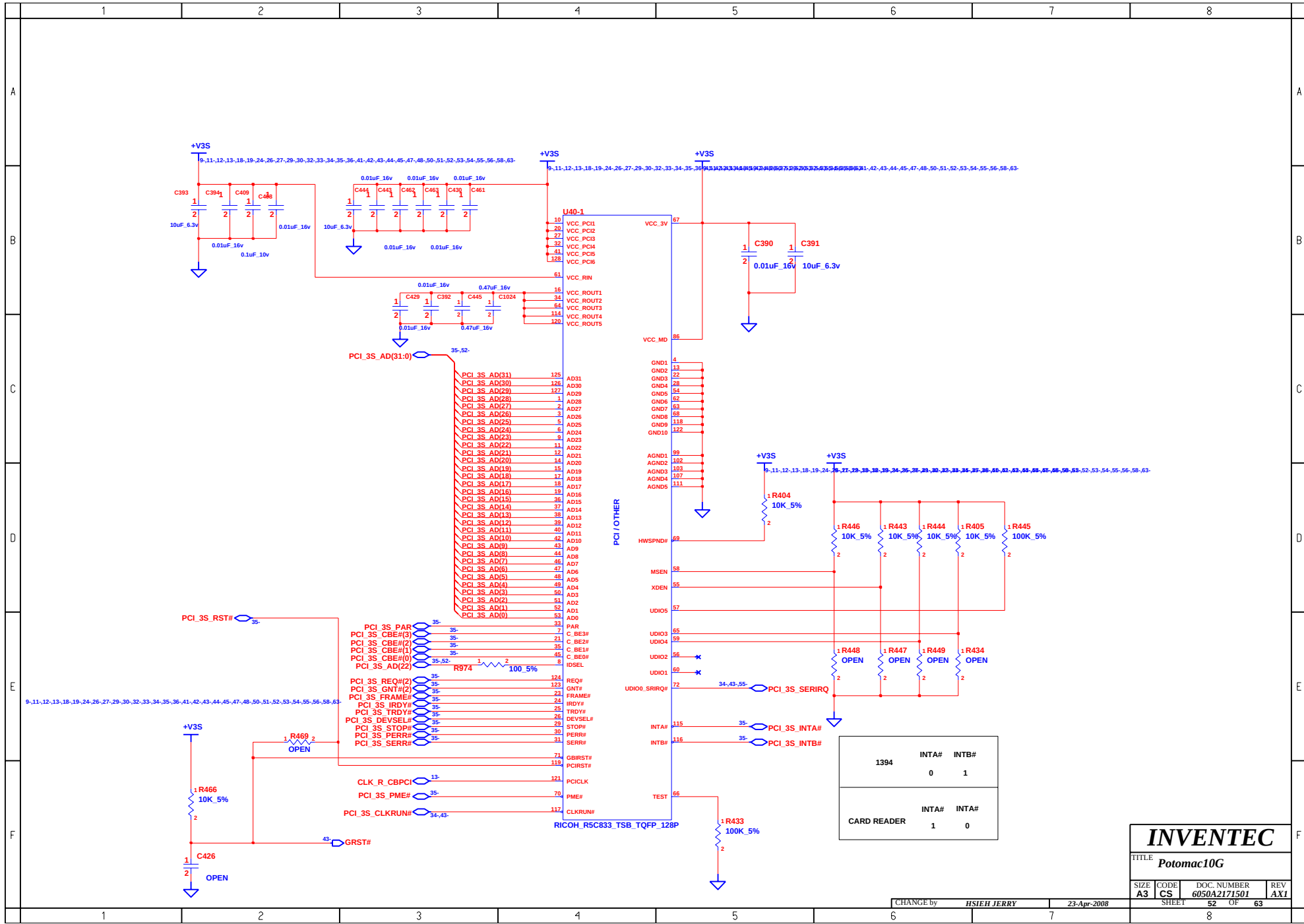


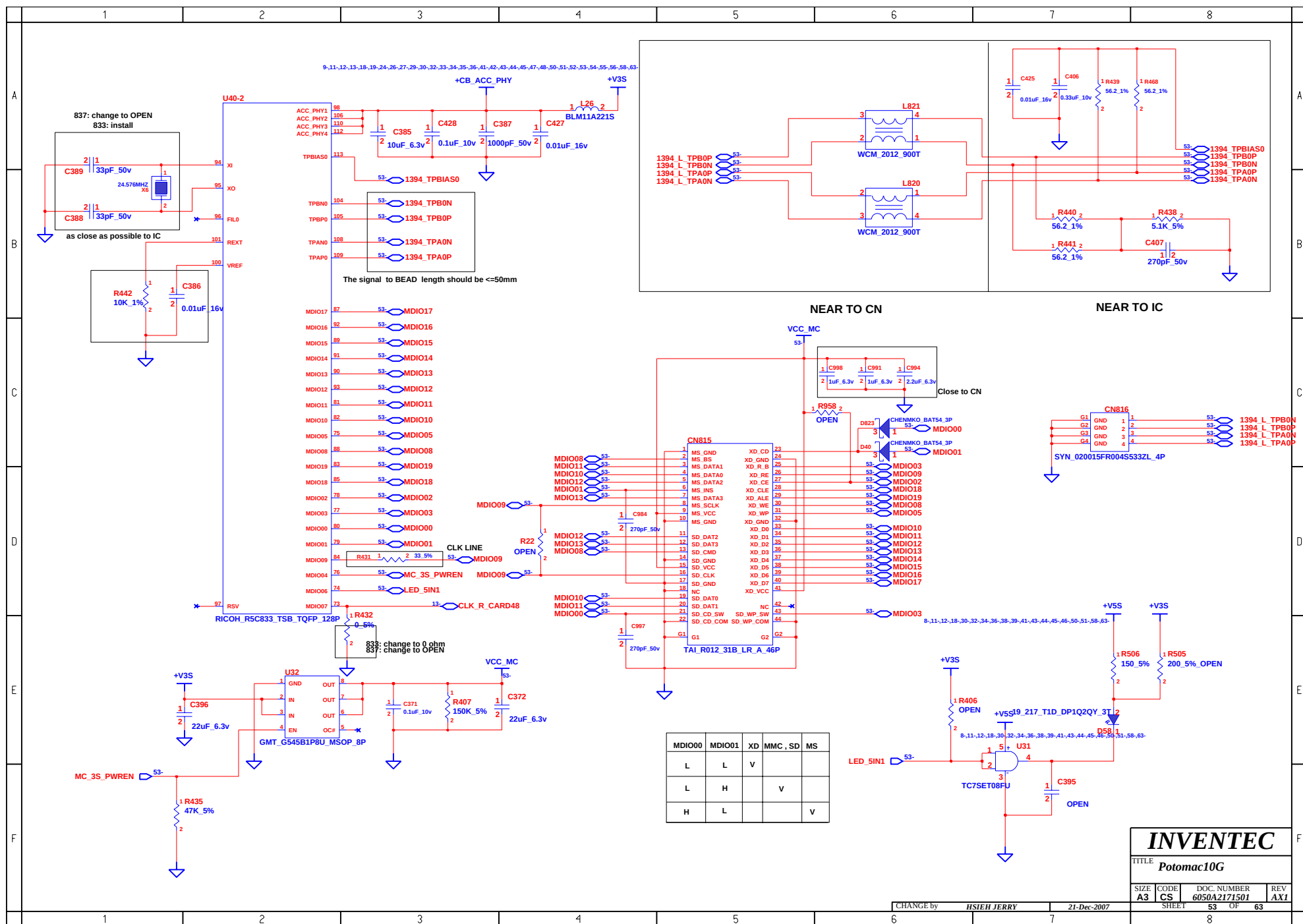


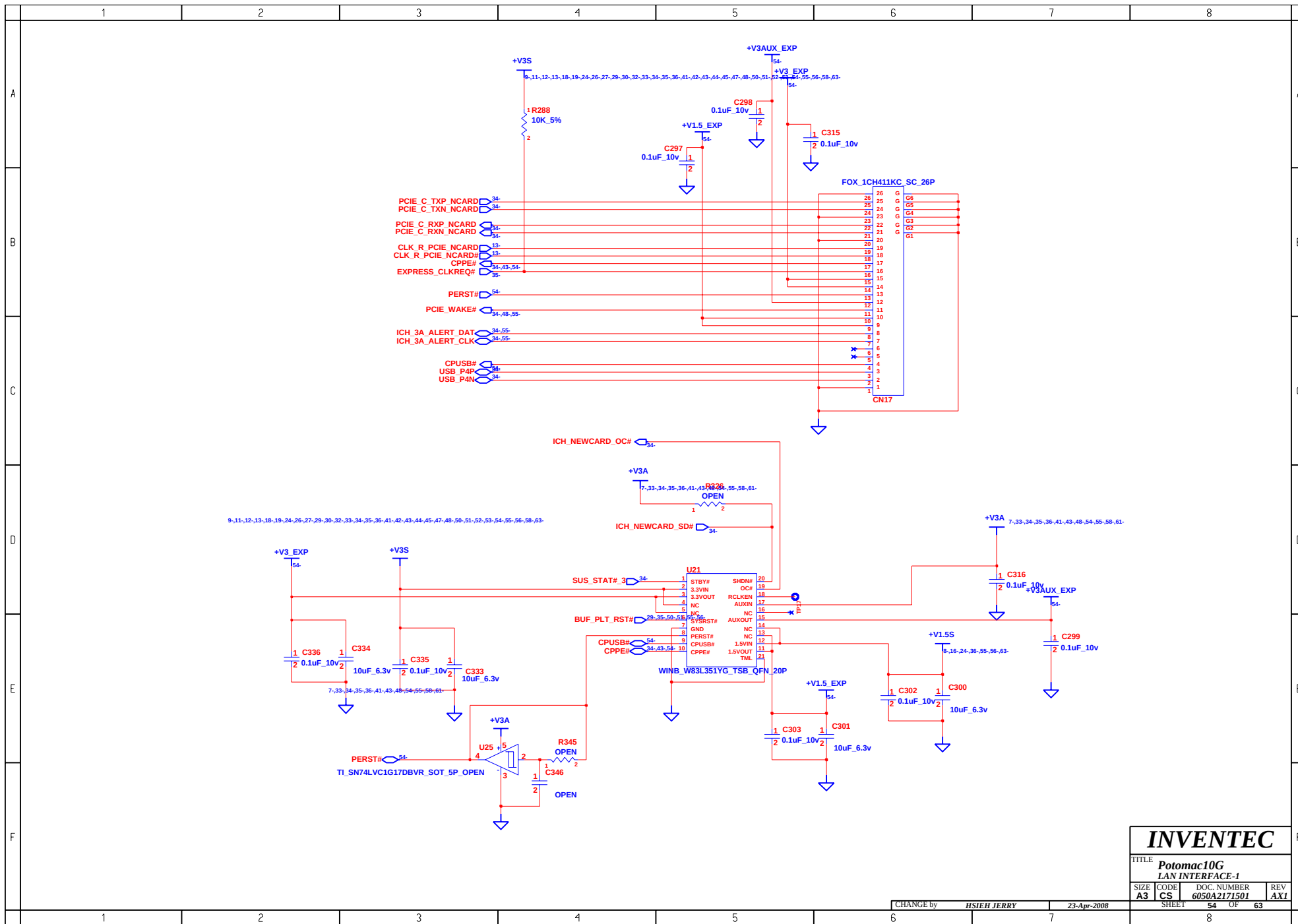
INVENTEC			
TITLE Potomac 10G			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01

CHANGE by HSEH JERRY 27-Aug-2007

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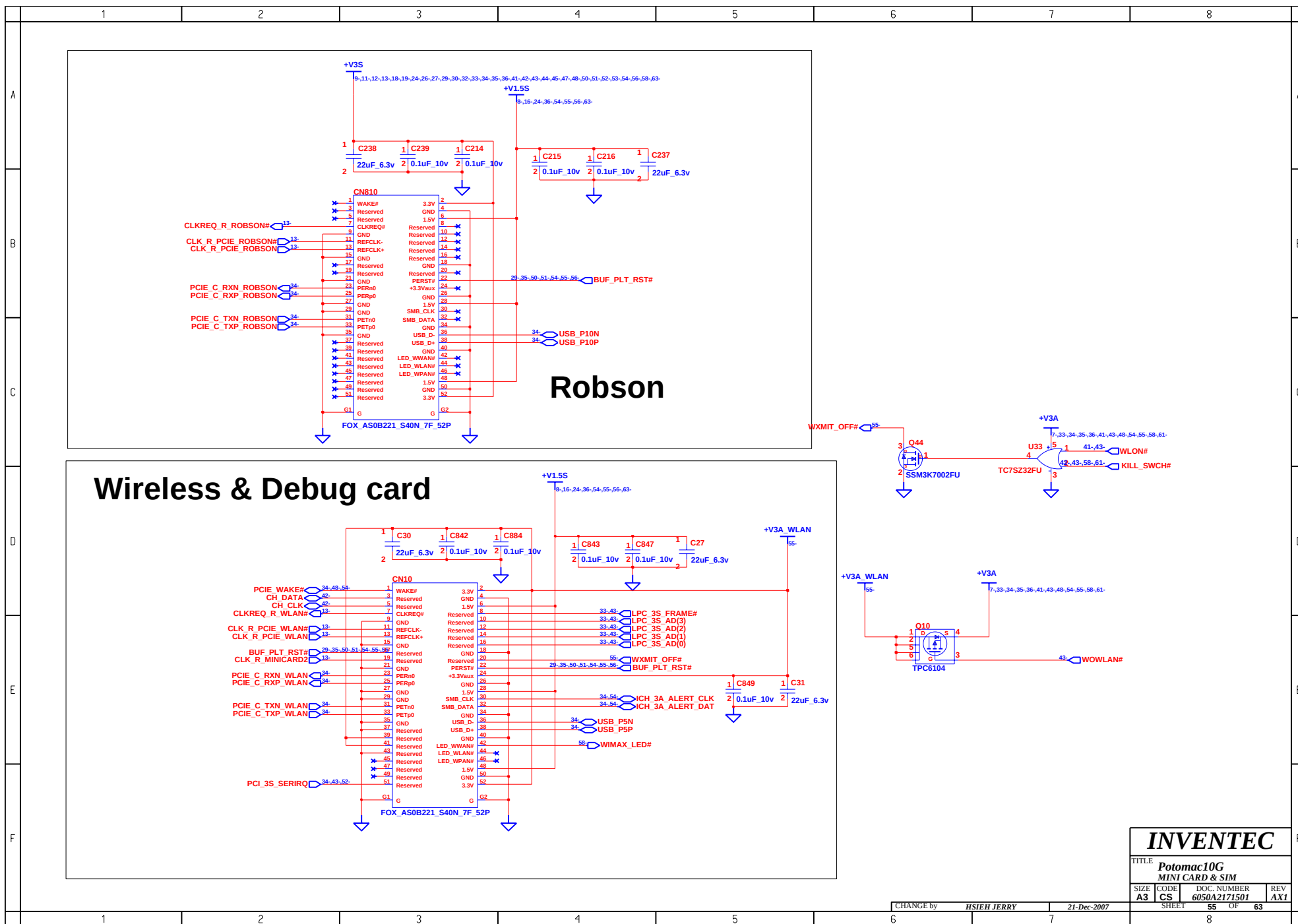


INVENTEC

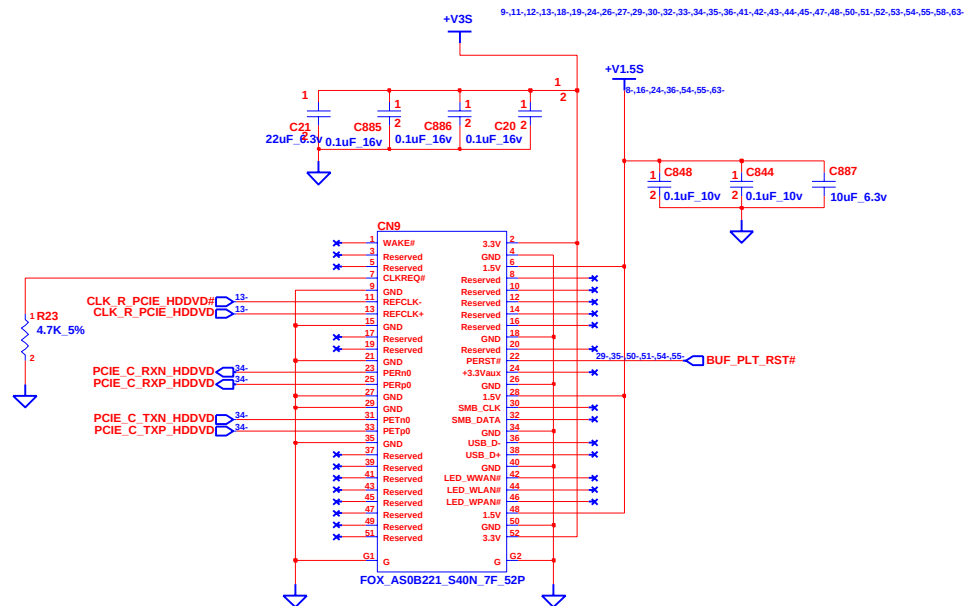
TITLE Potomac10G LAN INTERFACE-1			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1

CHANGE by **Hsieh JERRY** 23-Apr-2008

SHEET **54** OF **63**



HD-DVD Bordcom



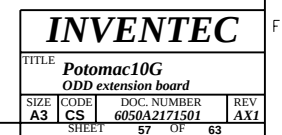
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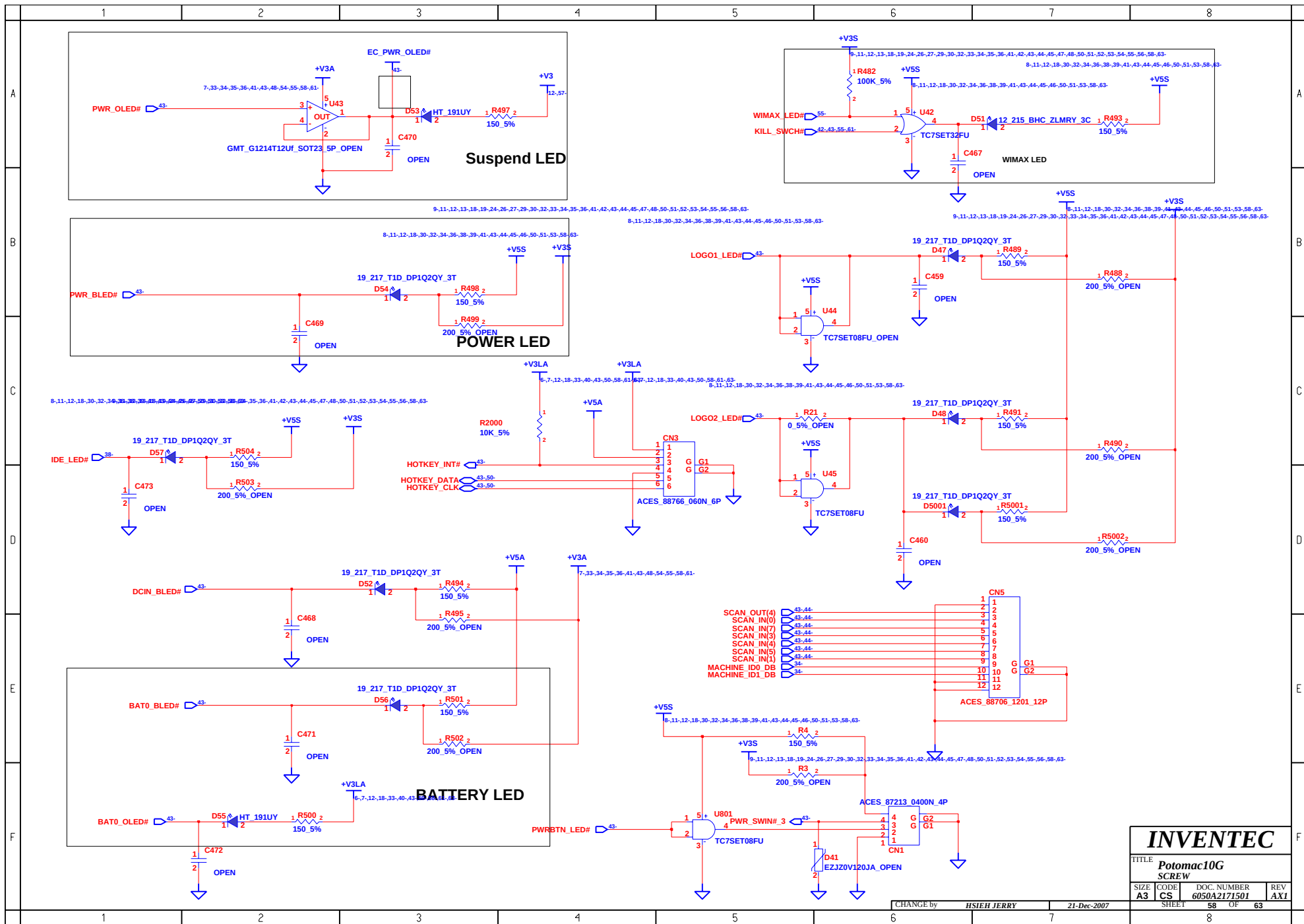
TITLE
Potomac10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

CHANGE by **HSIEH JERRY** 21-Dec-2007

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INVENTEC

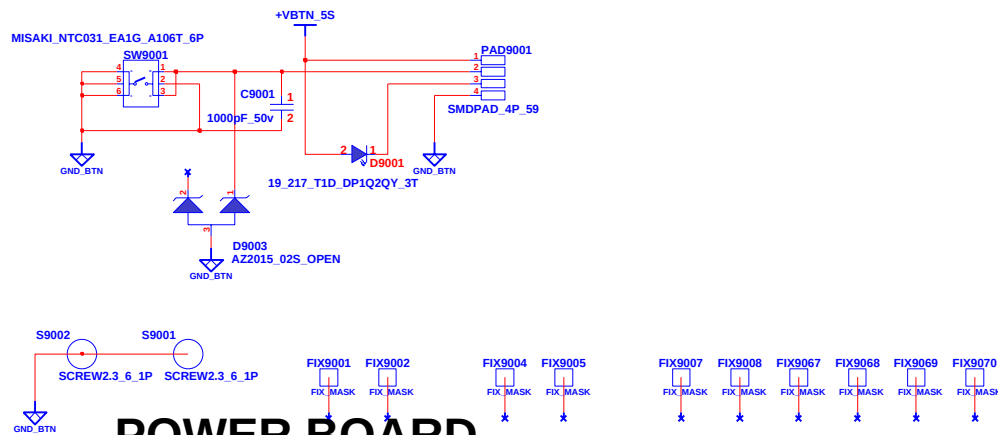
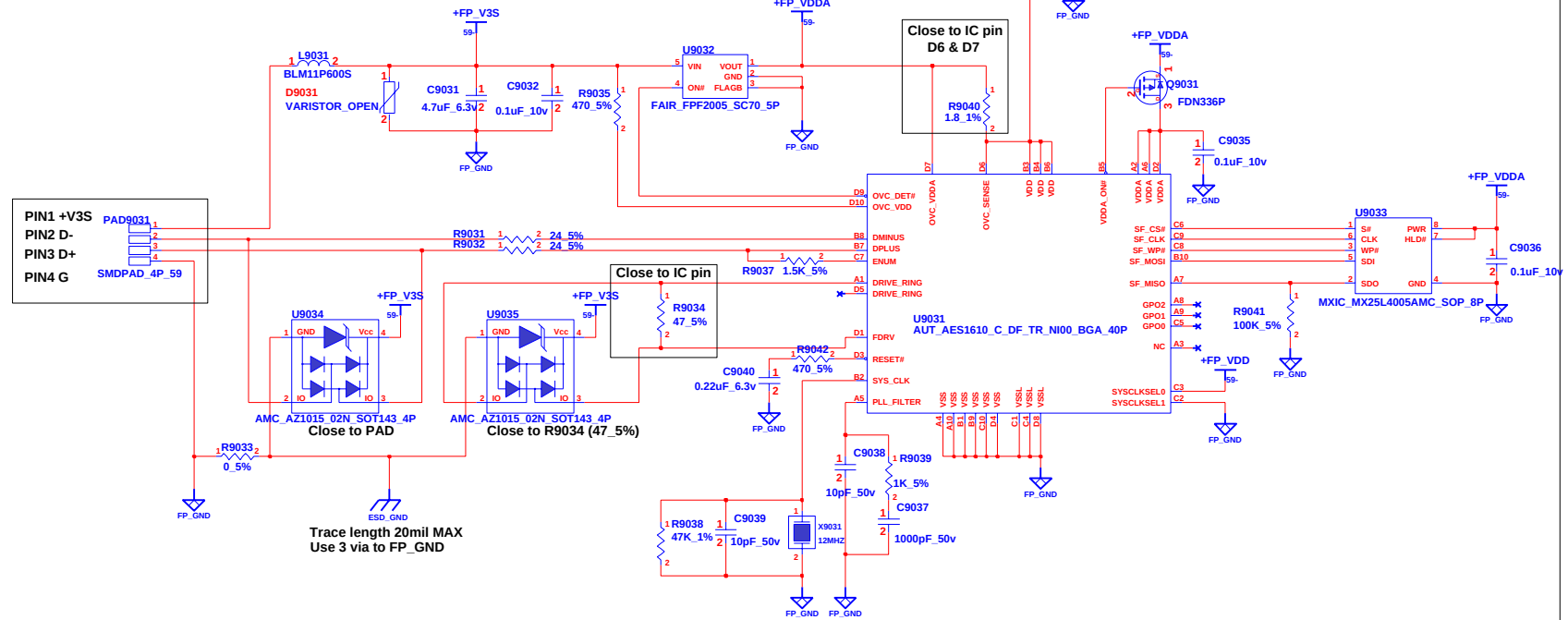
TITLE **Potomac10G**

SIZE **A3** CODE **CS** DOC. NUMBER **6050A2171501** REV **AX1**

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CHANGE by **HSEH JERRY** 21-Dec-2007

Finger Print Reader DB

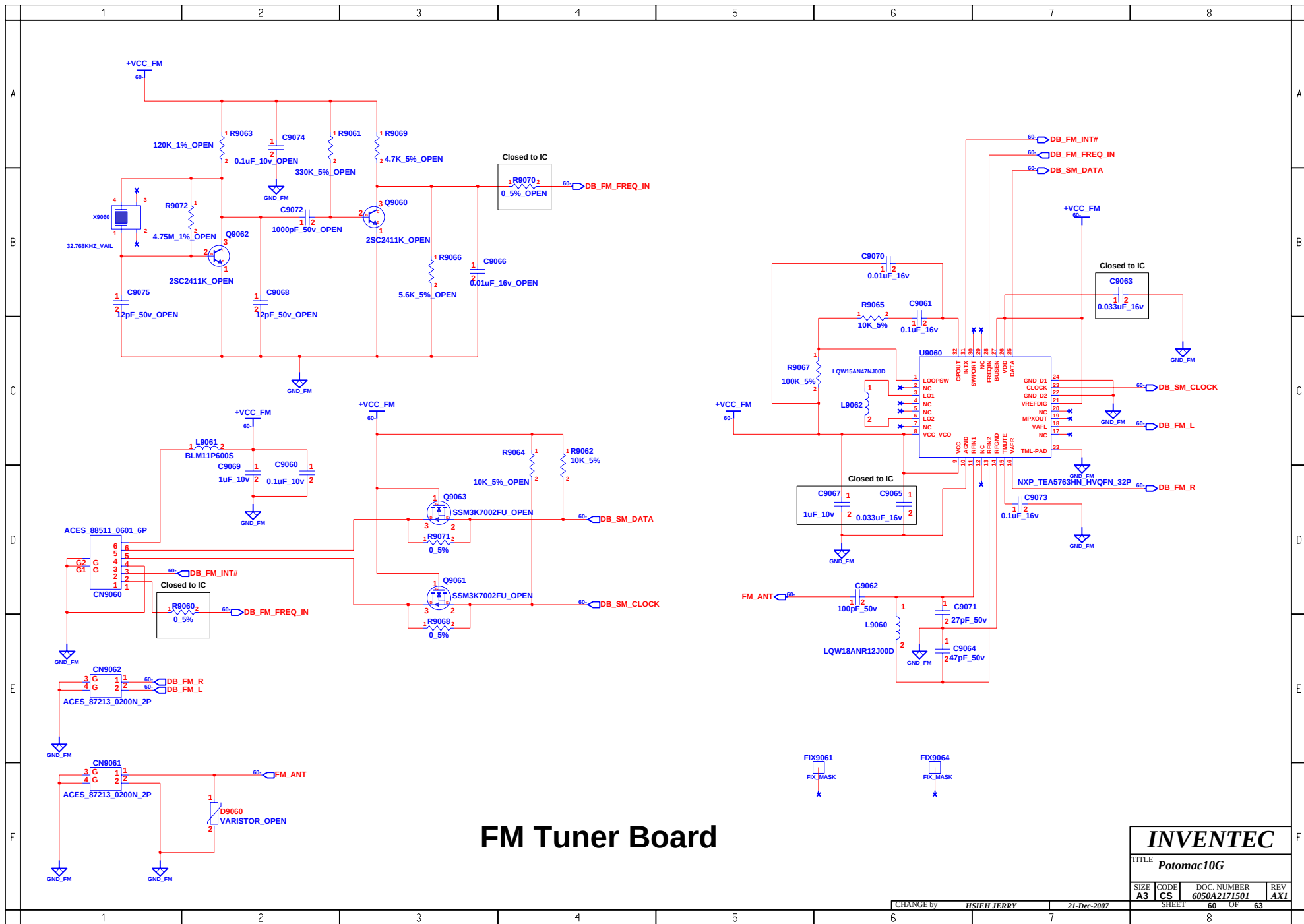


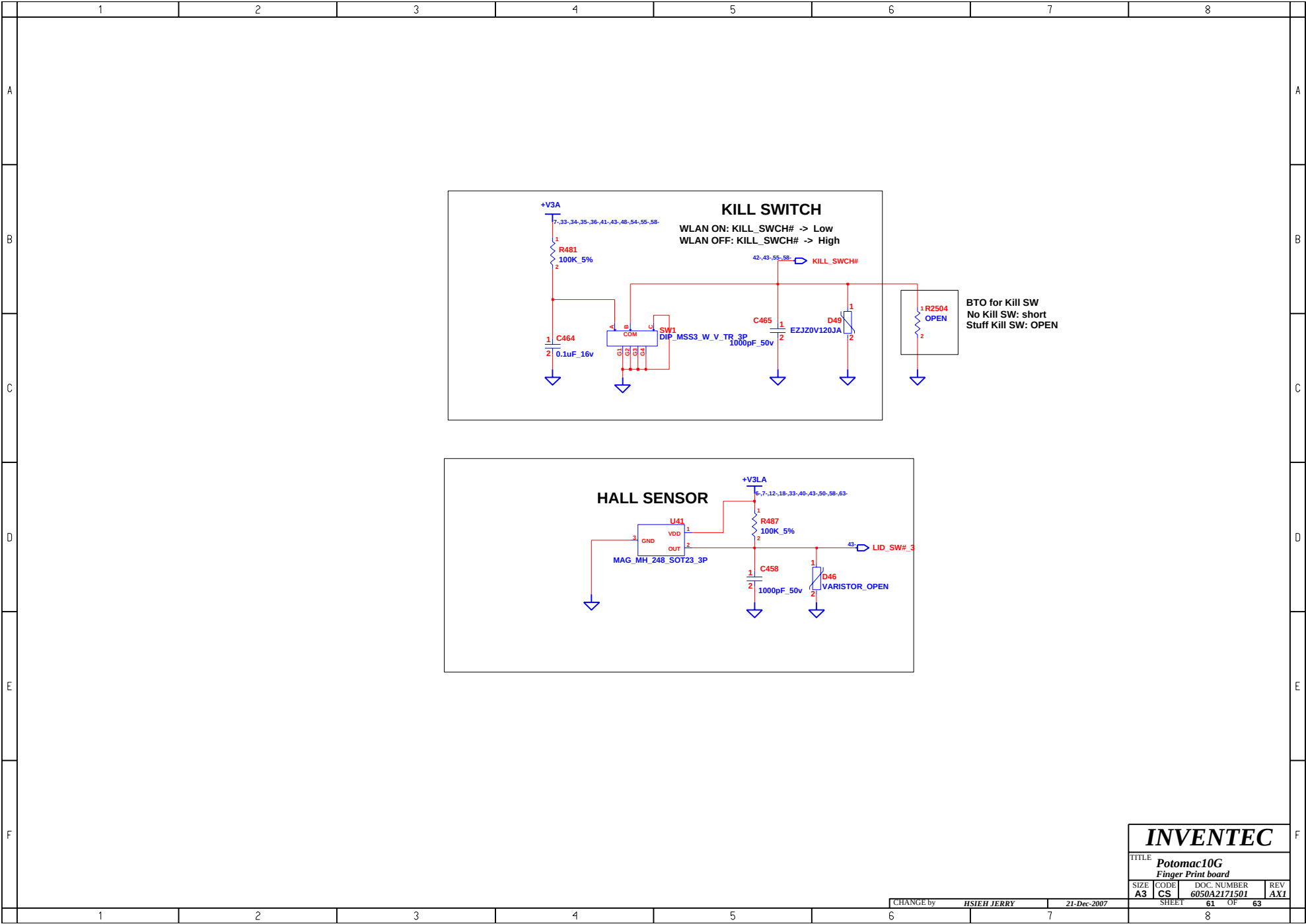
POWER BOARD

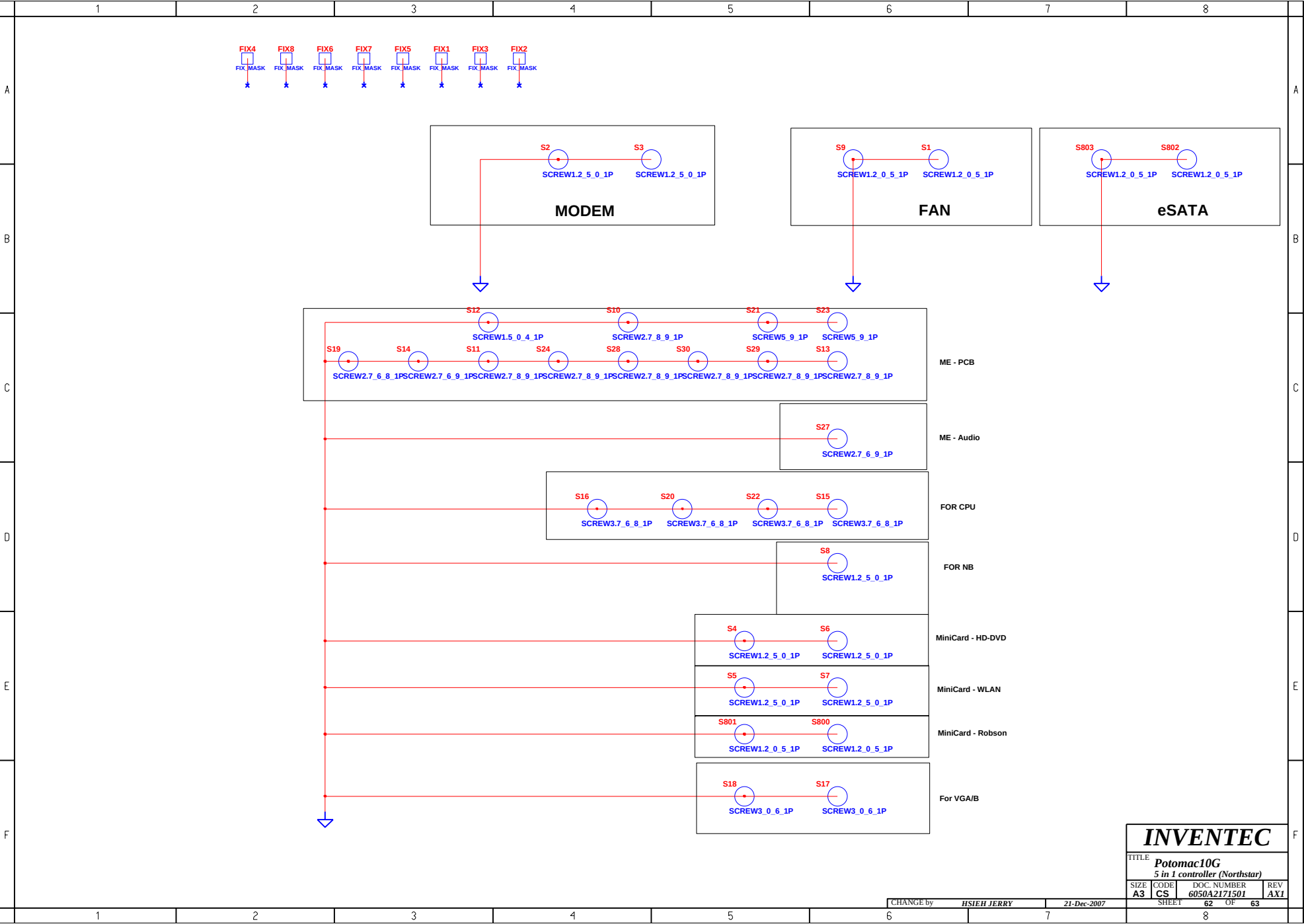
INVENTEC

TITLE Potomac10G			
Switch board Conn			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
SHEET 59		OF 63	

CHANGE by **HSIEH JERRY** 21-Feb-2008







INVENTEC

TITLE
Potomac10G
5 in 1 controller (Northstar)

SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
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CHANGE by **HSEH JERRY** 21-Dec-2007

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