

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

POTOMAC 10G

CS BUILD

2008.1.21

	EE	DATE	POWER	DATE	INVENTEC <small>TITLE</small> <i>Potomac 10G</i>
DRAWER					
DESIGN					
CHECK					
RESPONSIBLE					
<small>SIZE =</small> 3 <small>VER :</small>					<small>SIZE</small> A3 <small>CODE</small> CS <small>DOC. NUMBER</small> <i>Model No</i> <small>REV</small> <i>X01</i>
<small>FILE NAME :</small> XXXX-XXXXXX-XX					
<small>P/N</small>	XXXXXXXXXXXX				<small>SHEET</small> 1 <small>OF</small> 63

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

POTOMAC 10G

CS BUILD

2008.1.21

	EE	DATE	POWER	DATE	INVENTEC <small>TITLE</small> <i>Potomac 10G</i>
DRAWER					
DESIGN					
CHECK					
RESPONSIBLE					
<small>SIZE =</small> 3 <small>VER :</small>					<small>SIZE</small> A3 <small>CODE</small> CS <small>DOC. NUMBER</small> <i>Model No</i> <small>REV</small> <i>X01</i>
<small>FILE NAME :</small> XXXX-XXXXXX-XX					
<small>P/N</small>	XXXXXXXXXXXX				<small>SHEET</small> 1 <small>OF</small> 63

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

POTOMAC 10G

CS BUILD

2008.1.21

	EE	DATE	POWER	DATE	INVENTEC <small>TITLE</small> <i>Potomac 10G</i>
DRAWER					
DESIGN					
CHECK					
RESPONSIBLE					
<small>SIZE =</small> 3 <small>VER :</small>					<small>SIZE</small> A3 <small>CODE</small> CS <small>DOC. NUMBER</small> <i>Model No</i> <small>REV</small> <i>X01</i>
<small>FILE NAME :</small> XXXX-XXXXXX-XX					
<small>P/N</small>	XXXXXXXXXXXX				<small>SHEET</small> 1 <small>OF</small> 63

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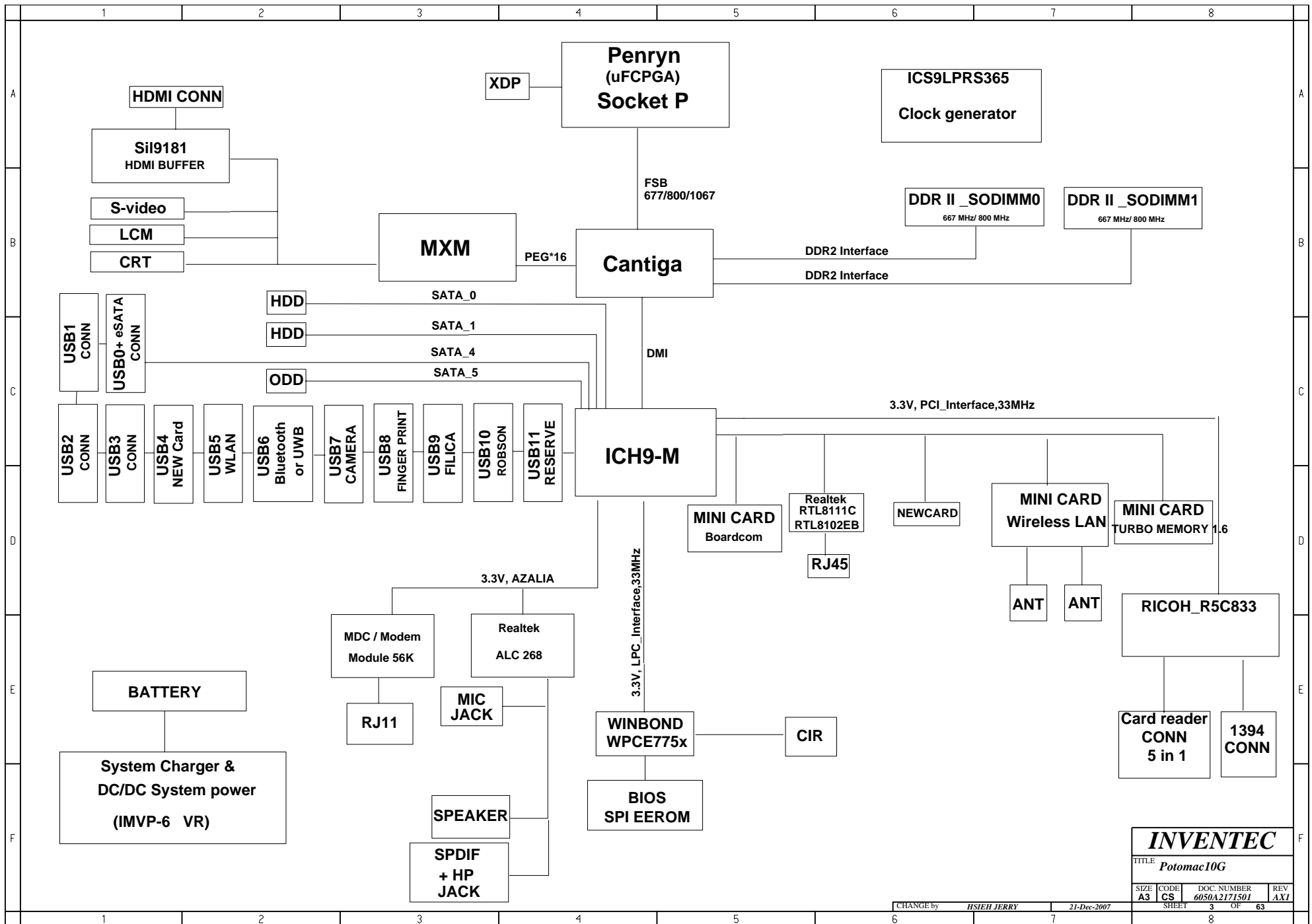
PAGE	PAGE	PAGE
1.COVER PAGE	33- ICH9-1	54.EXPRESS CARD CONN
2.INDEX	34- ICH9-2	55.ROBSON & WLAN /WiMAX (Minicard)
3.BLOCK DIAGRAM	35- ICH9-3	56.HD-DVD (Minicard)
4.POWER SEQUENCE BLOCK	36- ICH9-4	57.MDC 1.5 CONN
5-12.SYSTEM POWER	37- ICH9-5	58.LED(M/B) & HOTKEY/B CONN & Power Bottom/B CONN
13.CLOCK GENERATOR	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		

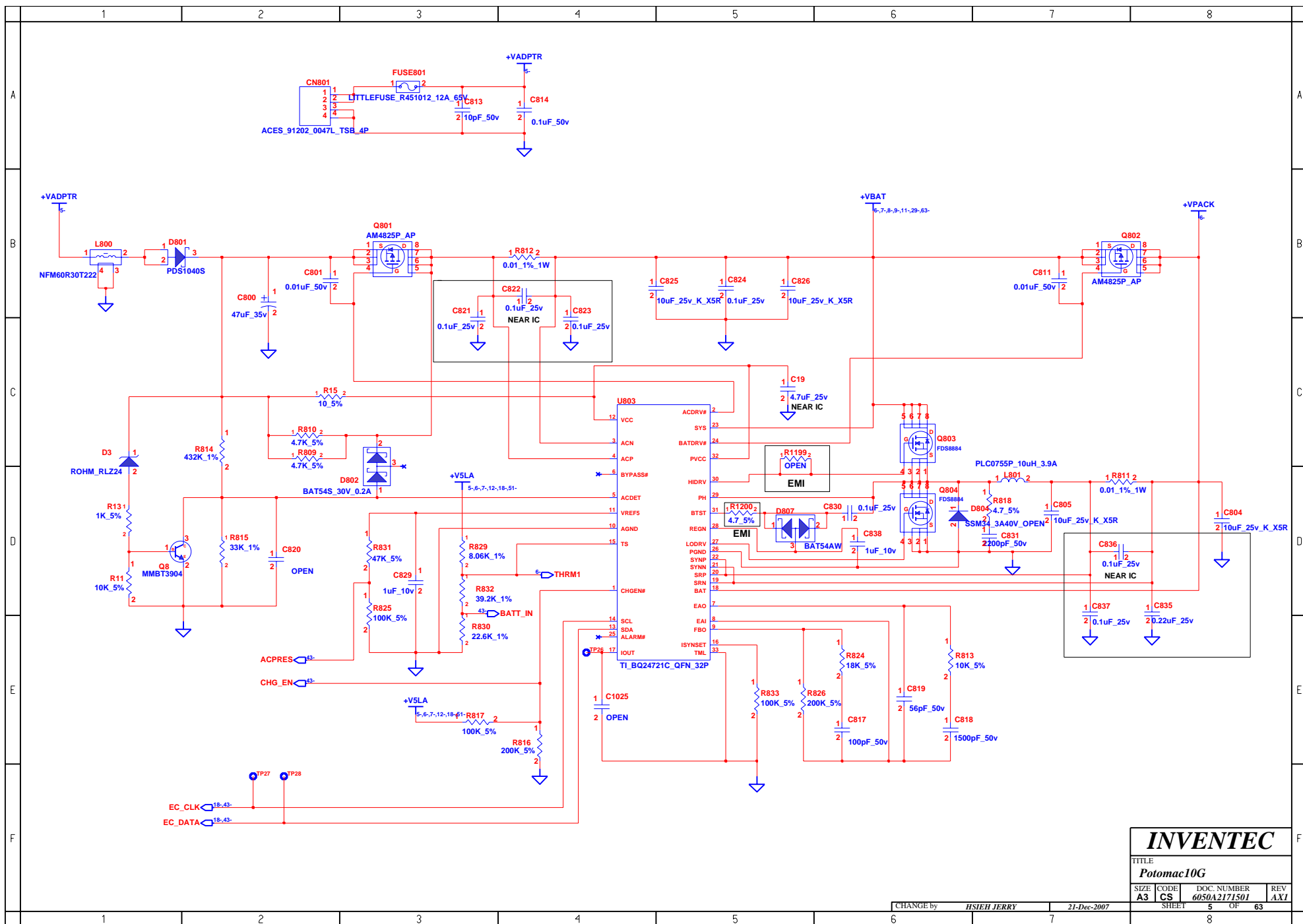
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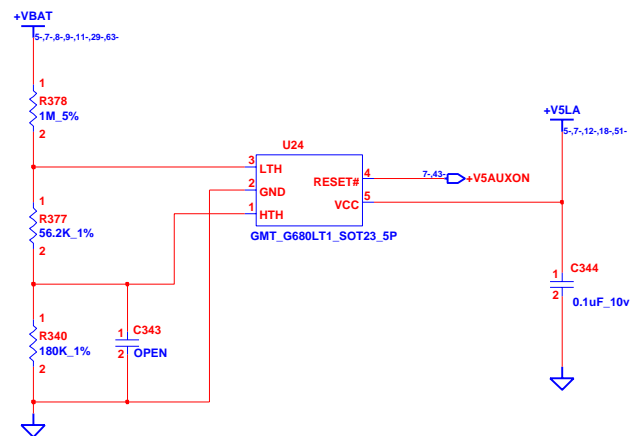
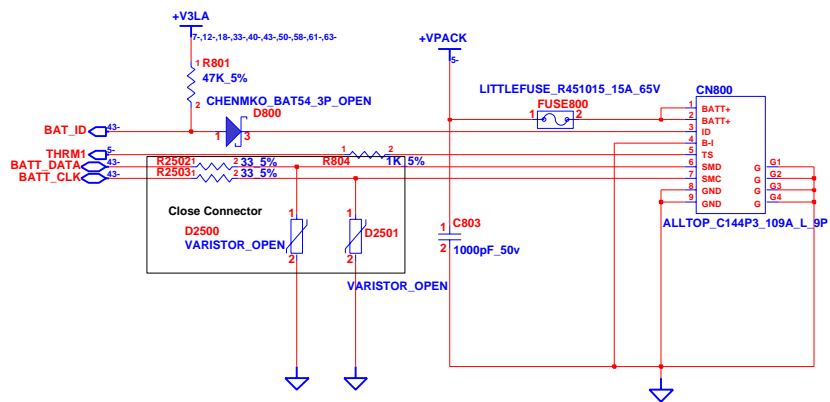
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Potomac10G

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

CHANGE by *HSEIH JERRY* 21-Dec-2007







INVENTEC

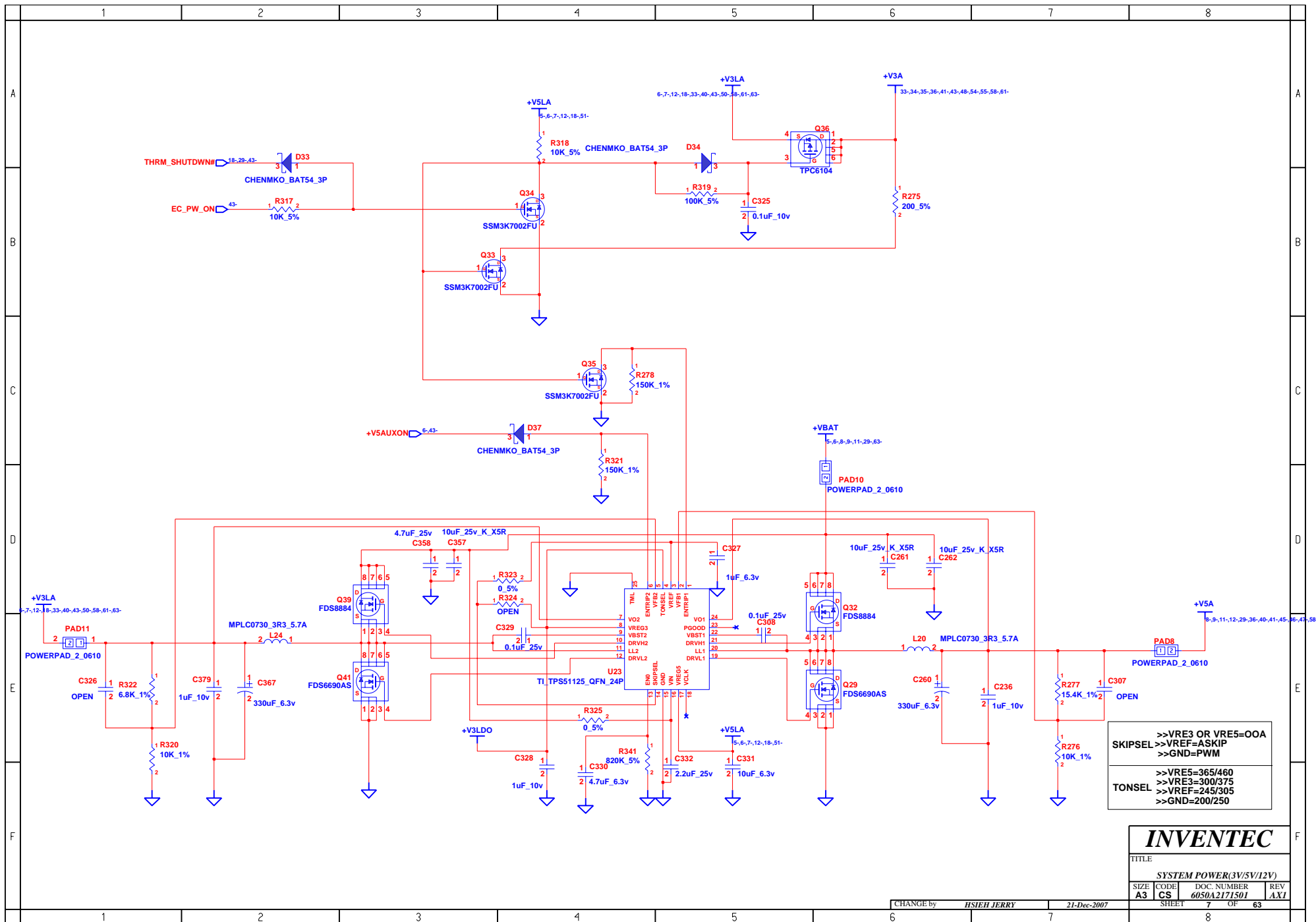
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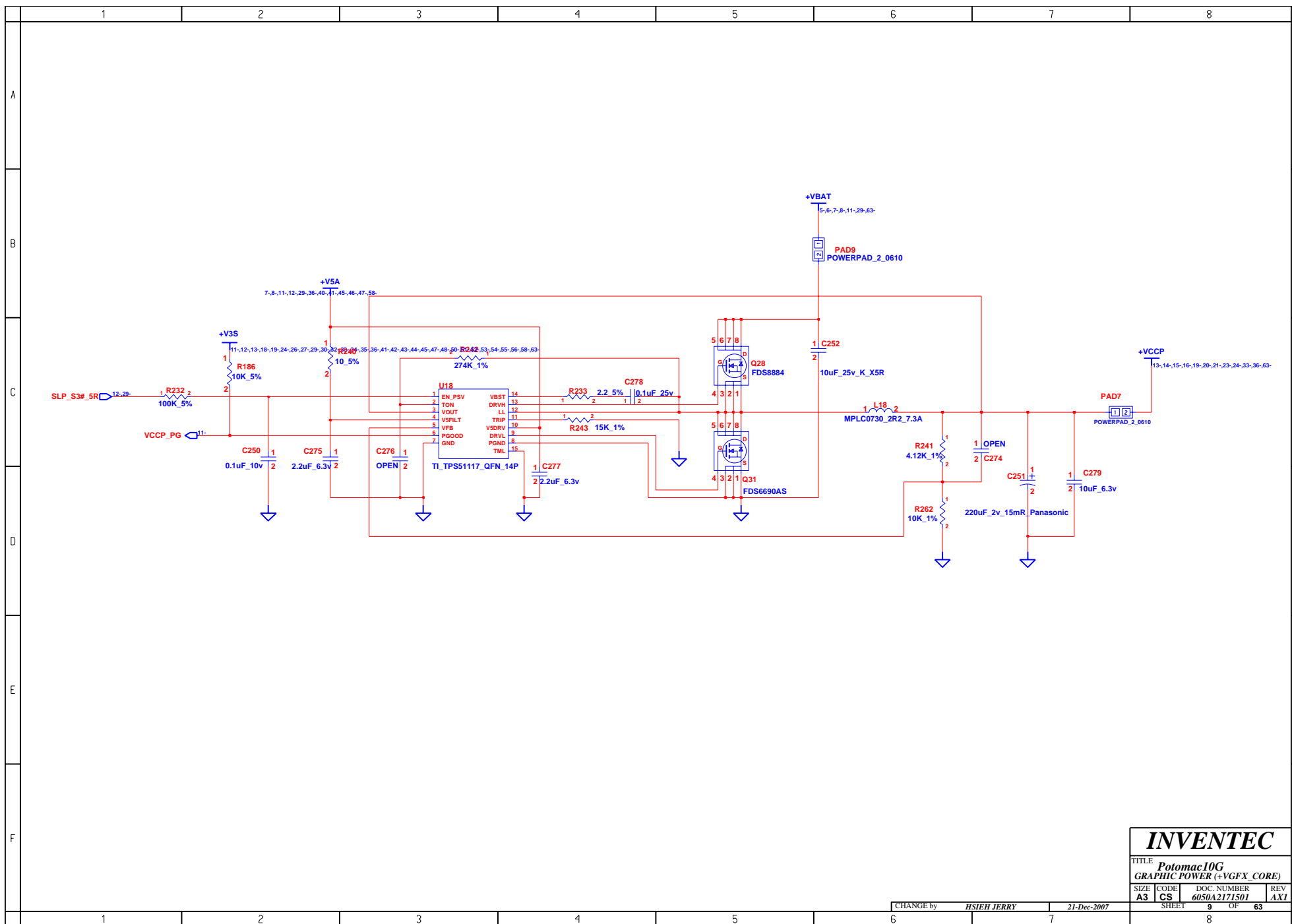
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CHANGE by **HSEH JERRY** 21-Dec-2007

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INVENTEC

TITLE
Potomac10G
GRAPHIC POWER (+VGFX_CORE)

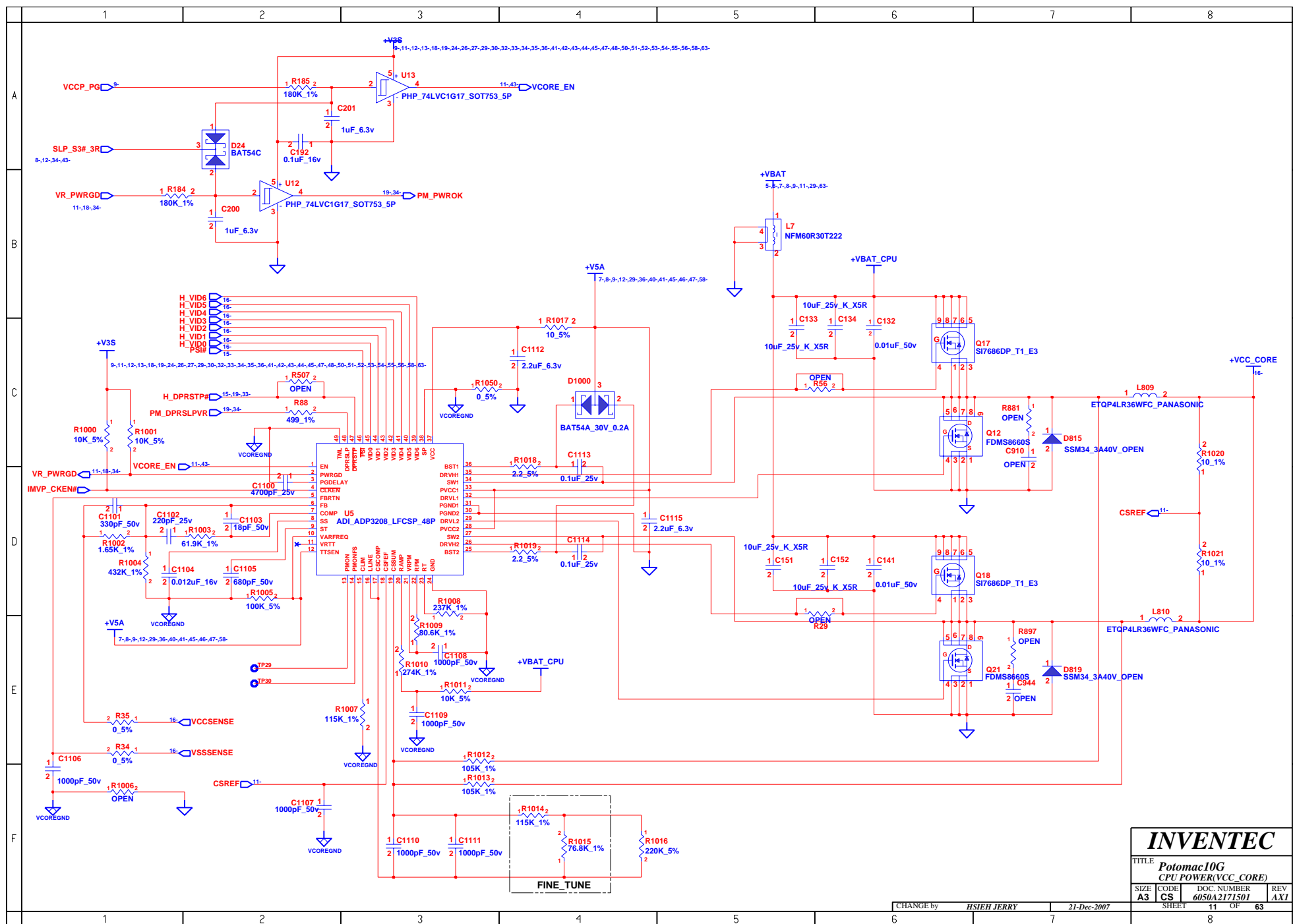
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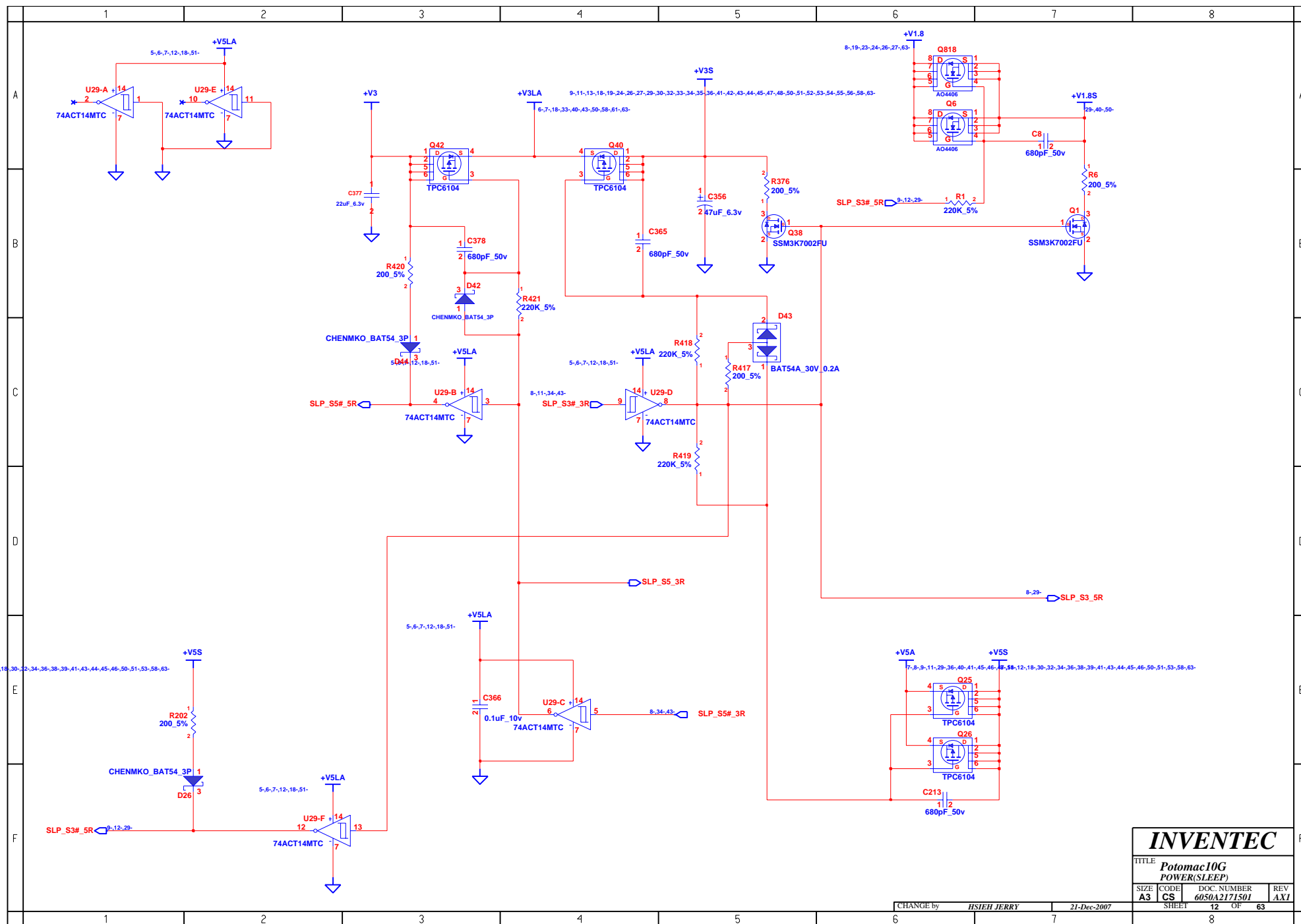
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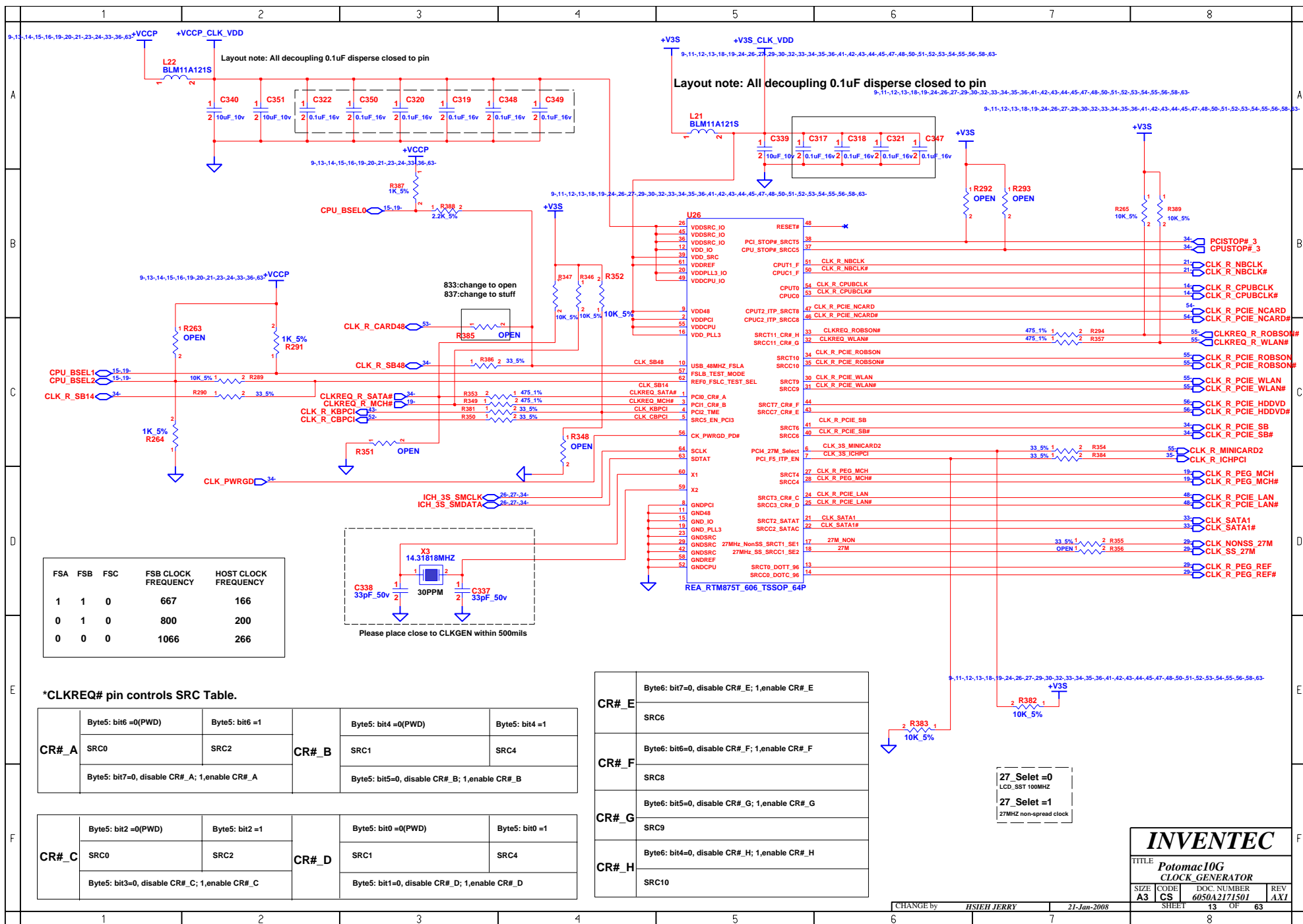
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C									C
D									D
E									E
F									F
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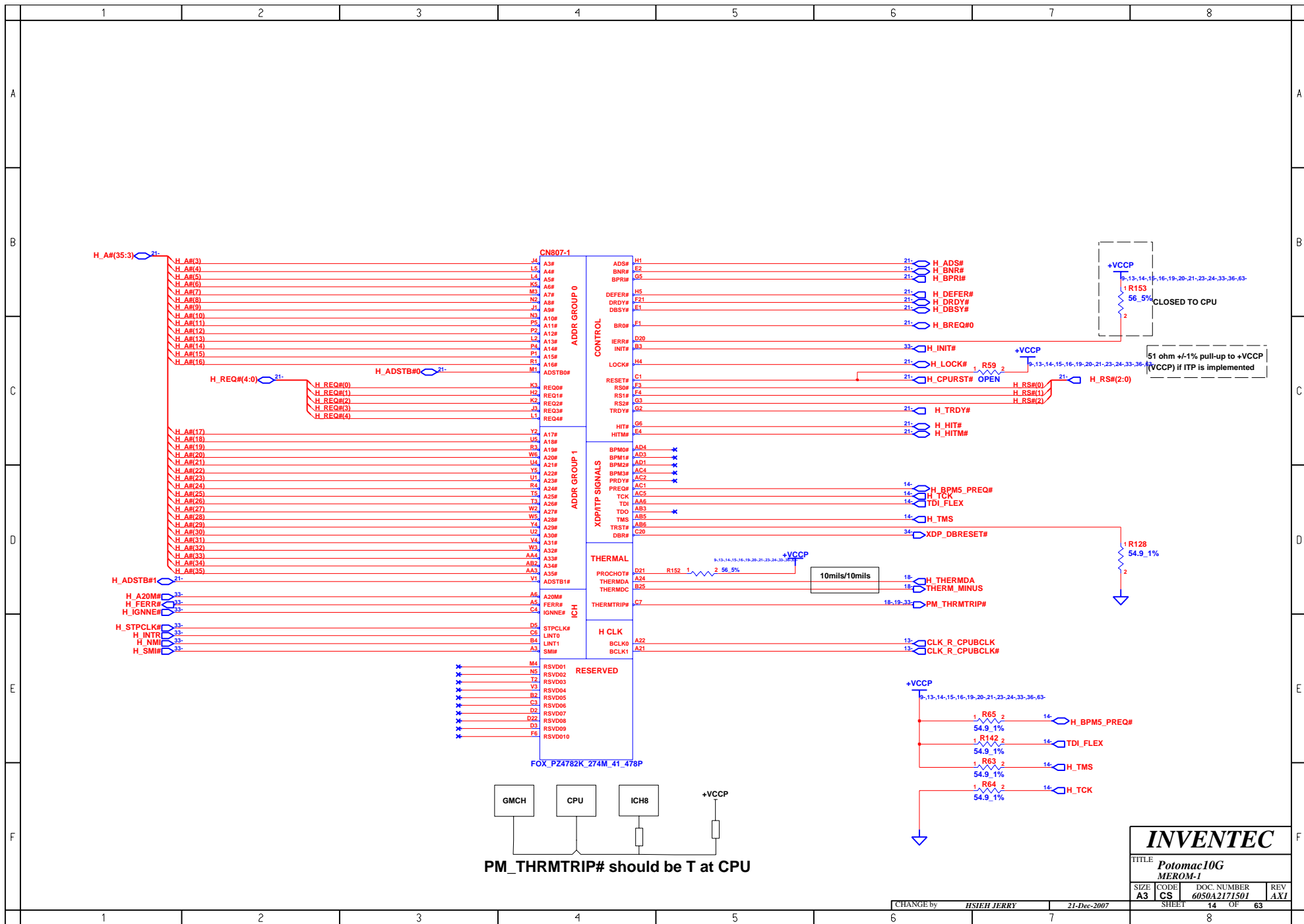
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SYSTEM POWER(+VCCP/+V1.5S)			
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CHANGE by		21-Dec-2007	
Hsieh Jerry			
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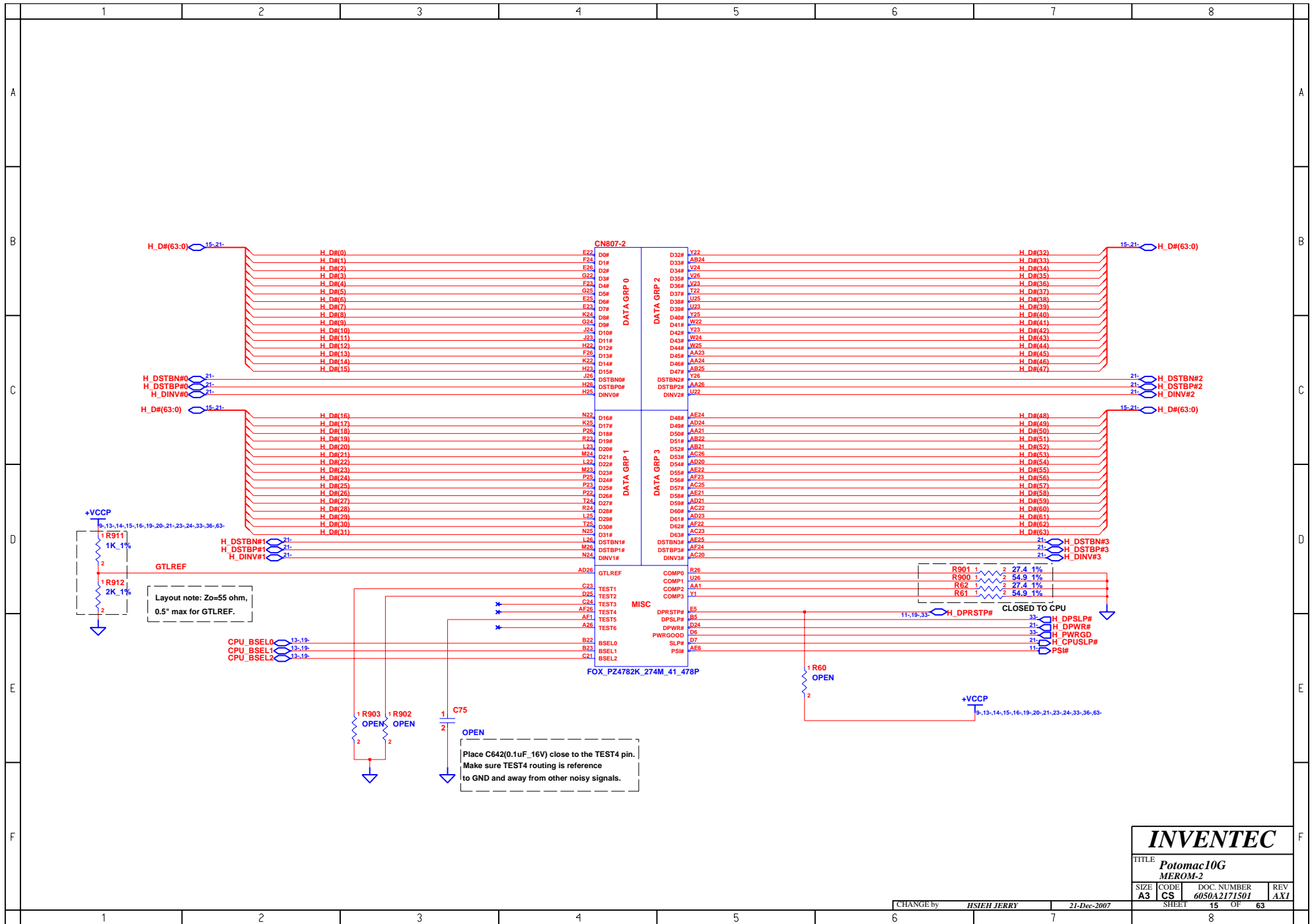




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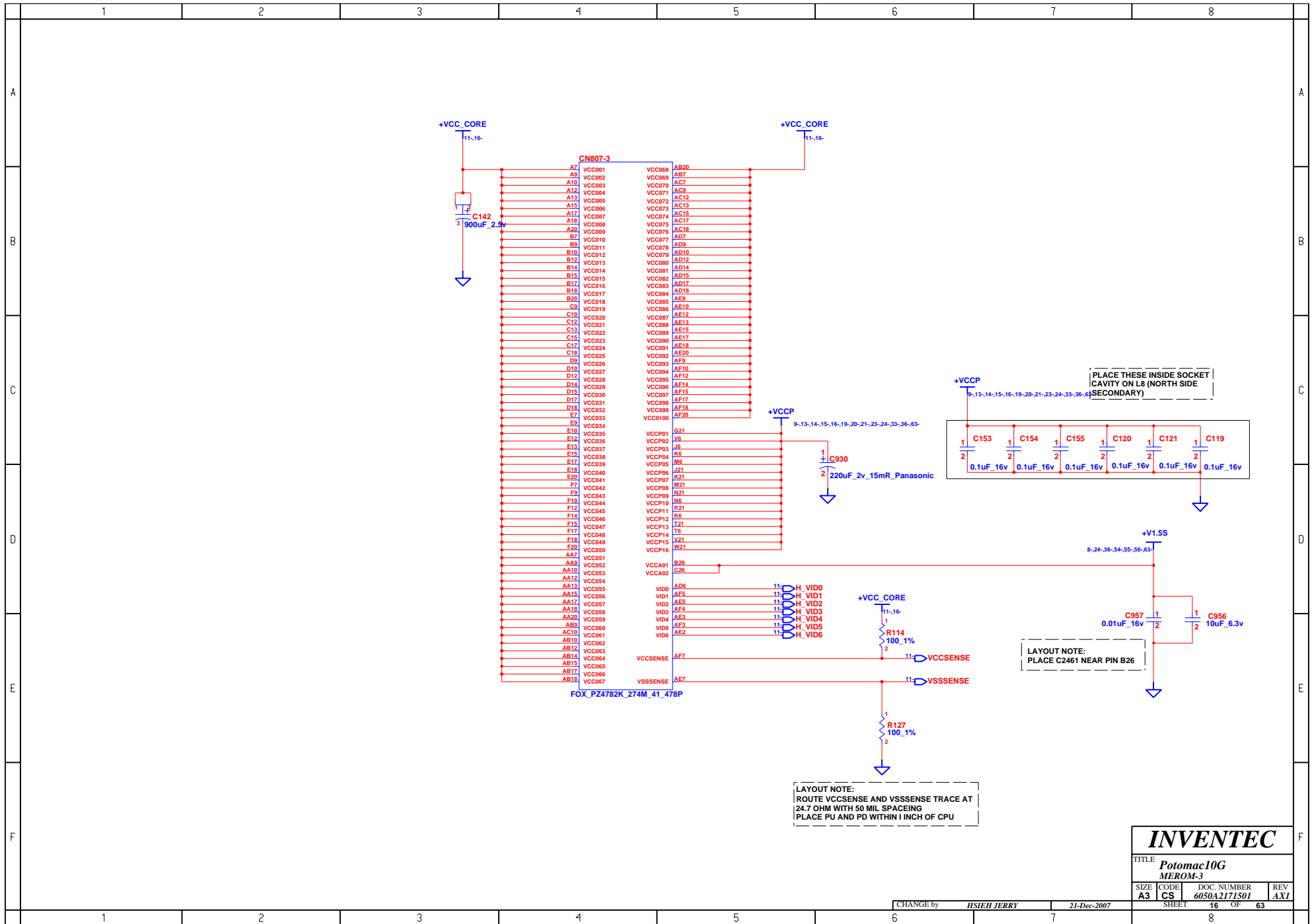






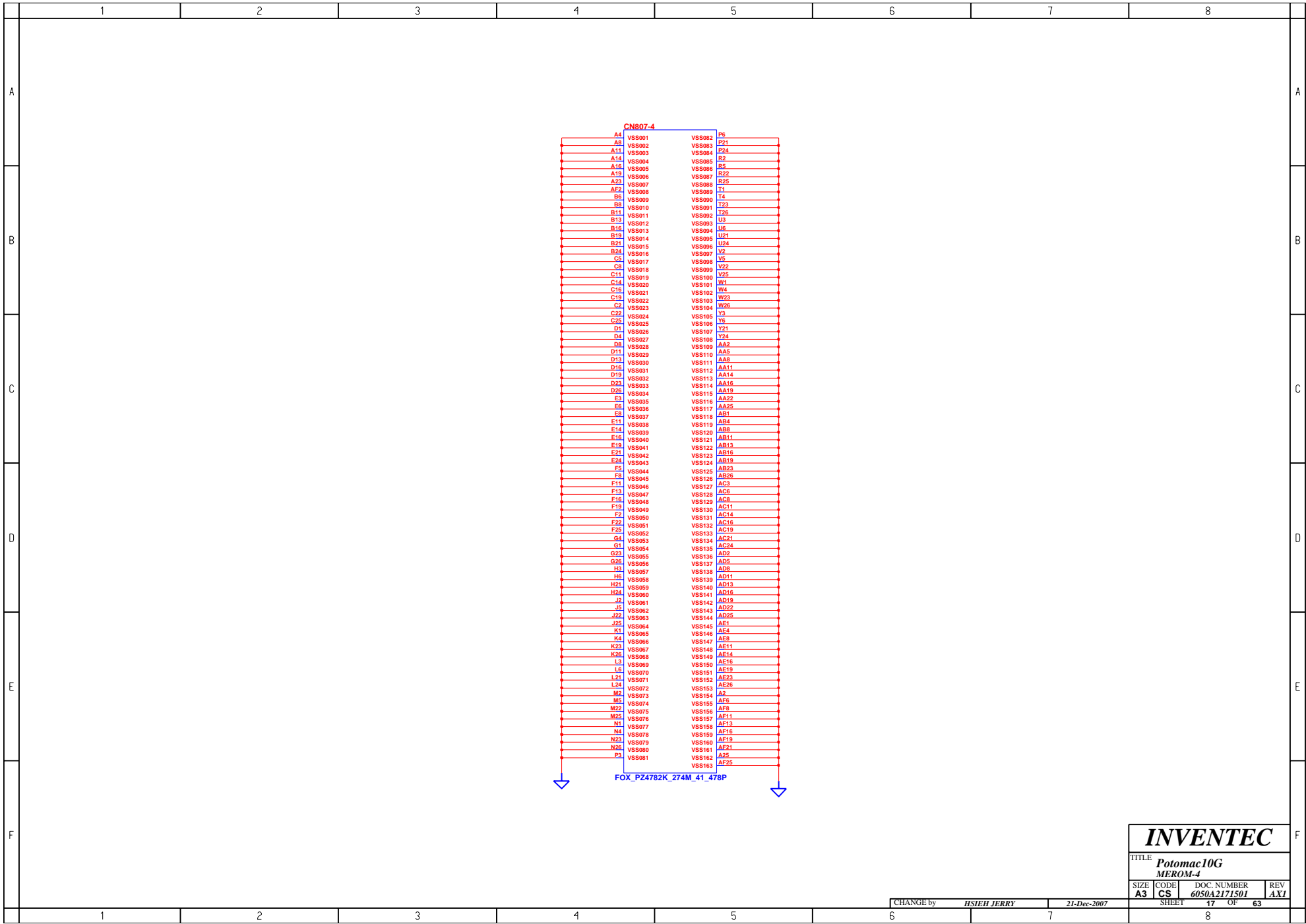
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SHEET 15		OF 63	

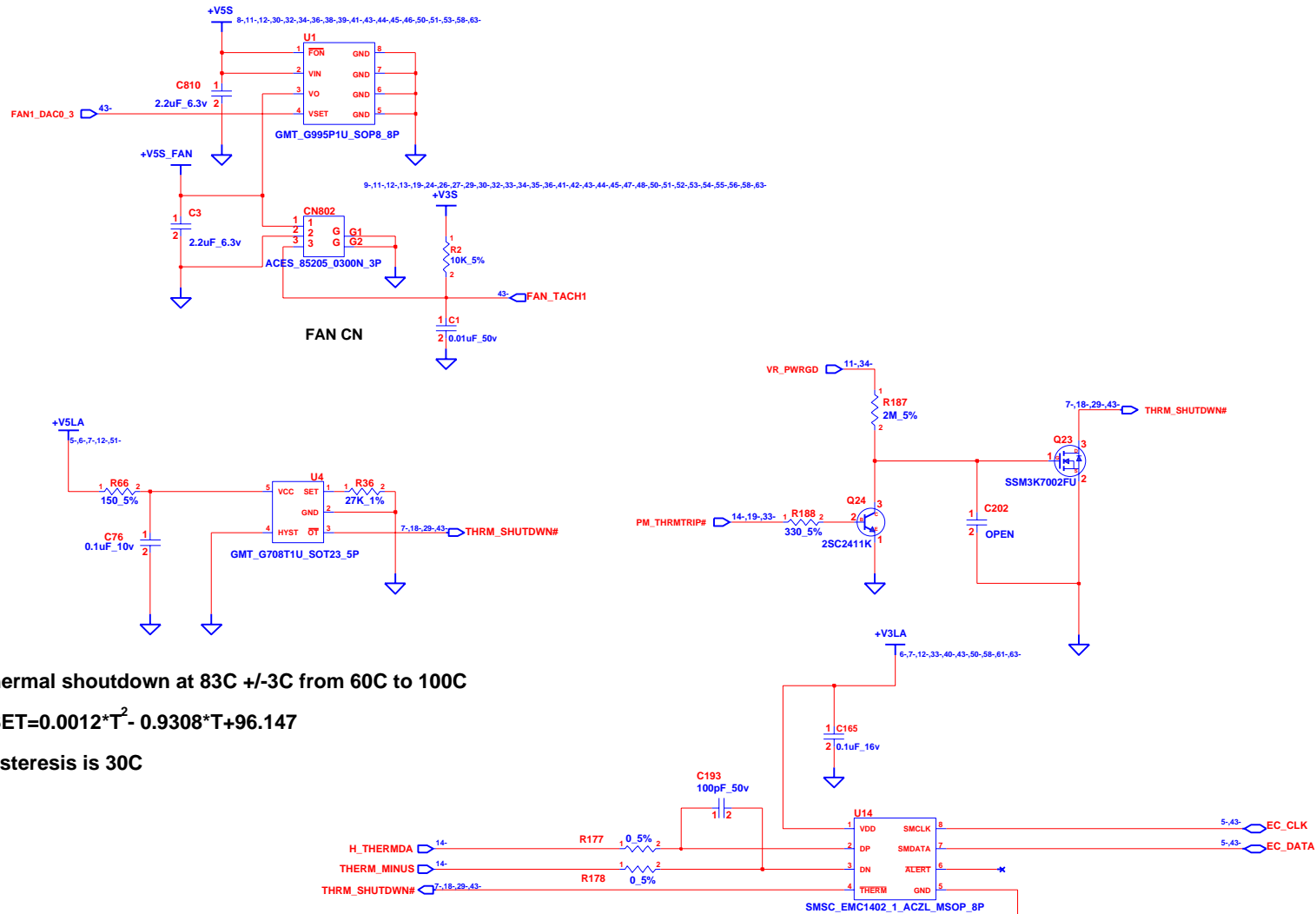


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CHANGE by HSEH JERRY		21-Dec-2007	
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INVENTEC			
TITLE Potomac10G MEROM-4			
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CHANGE by HSEH JERRY		21-Dec-2007	
SHEET 17		OF 63	



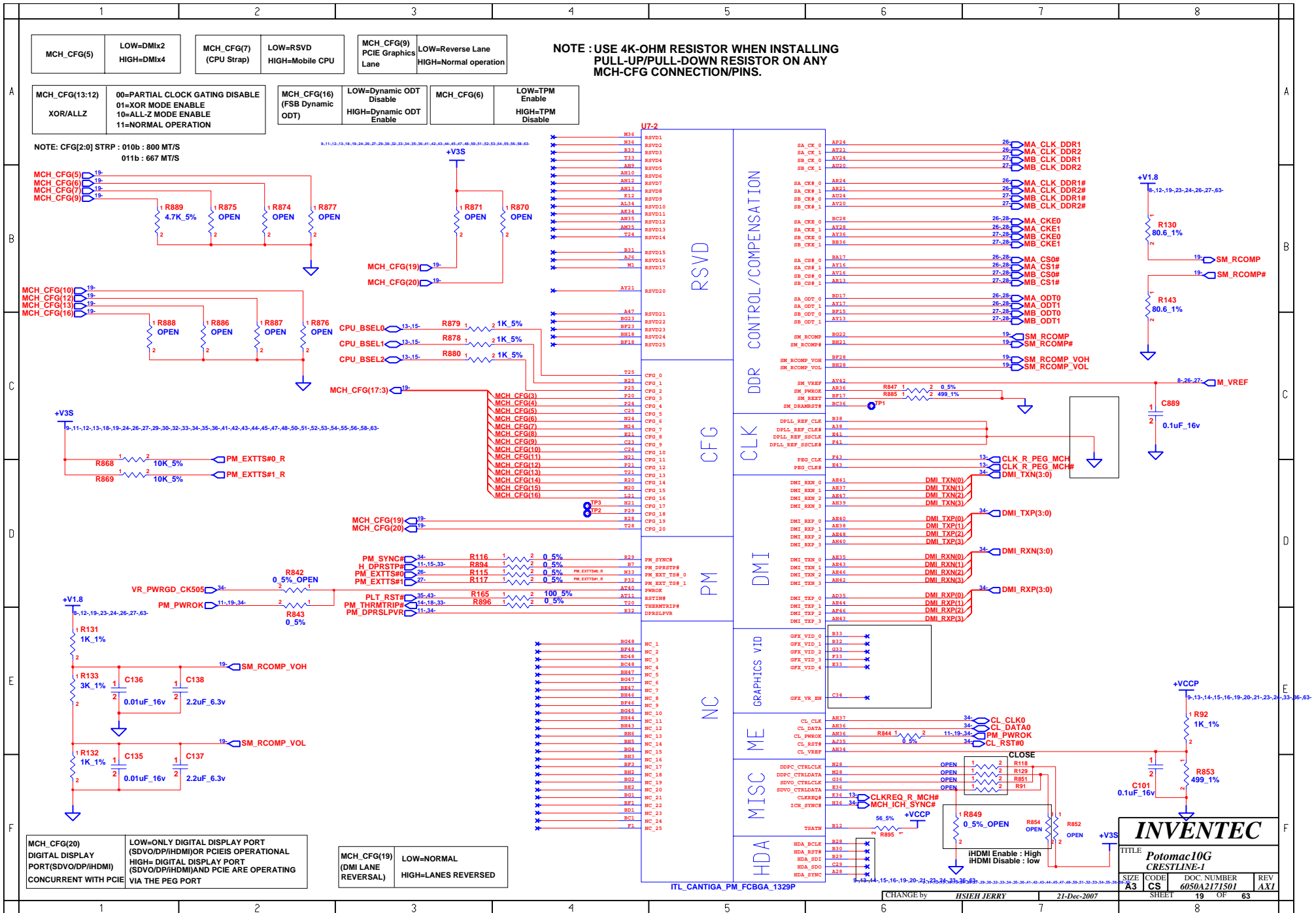
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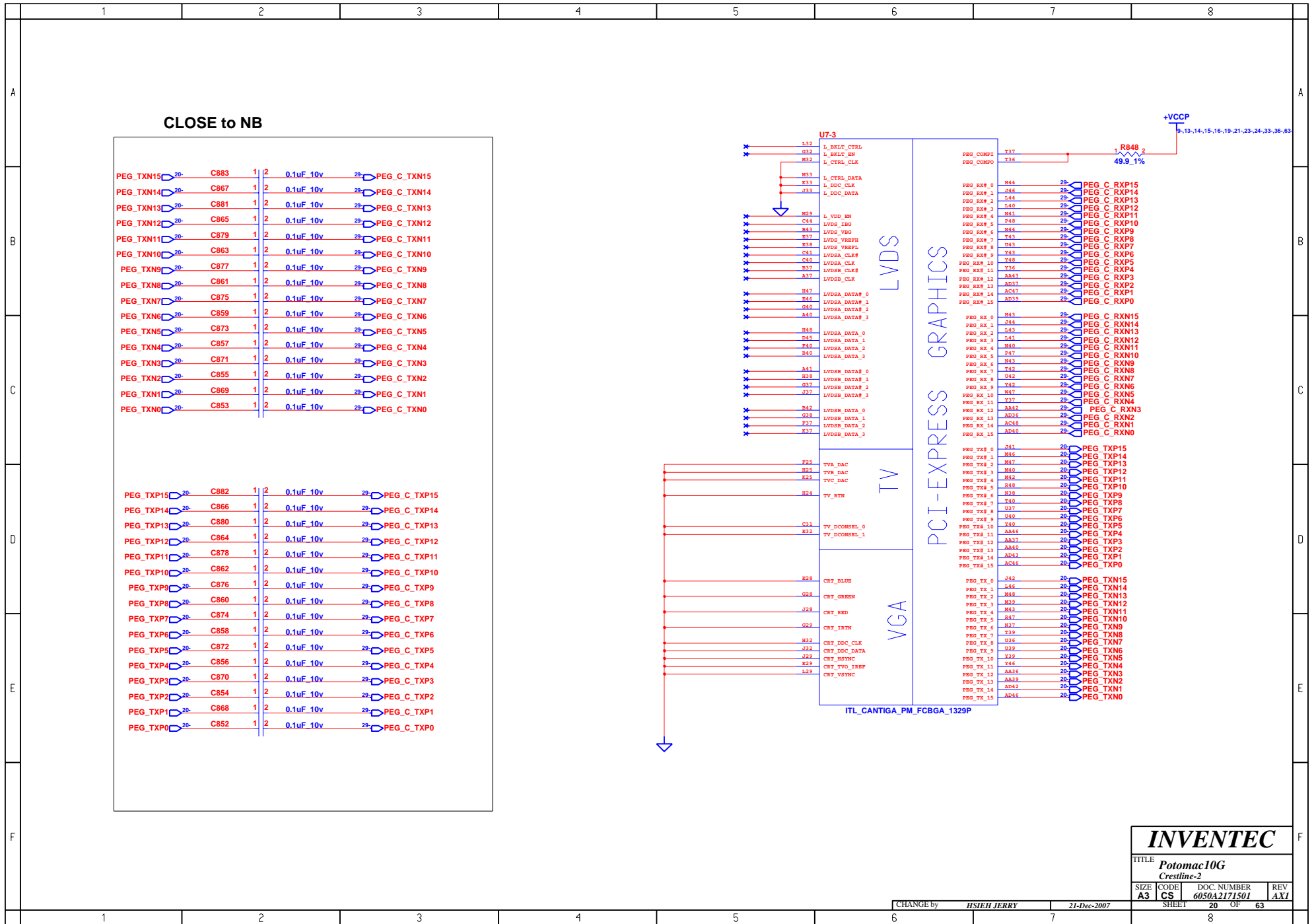
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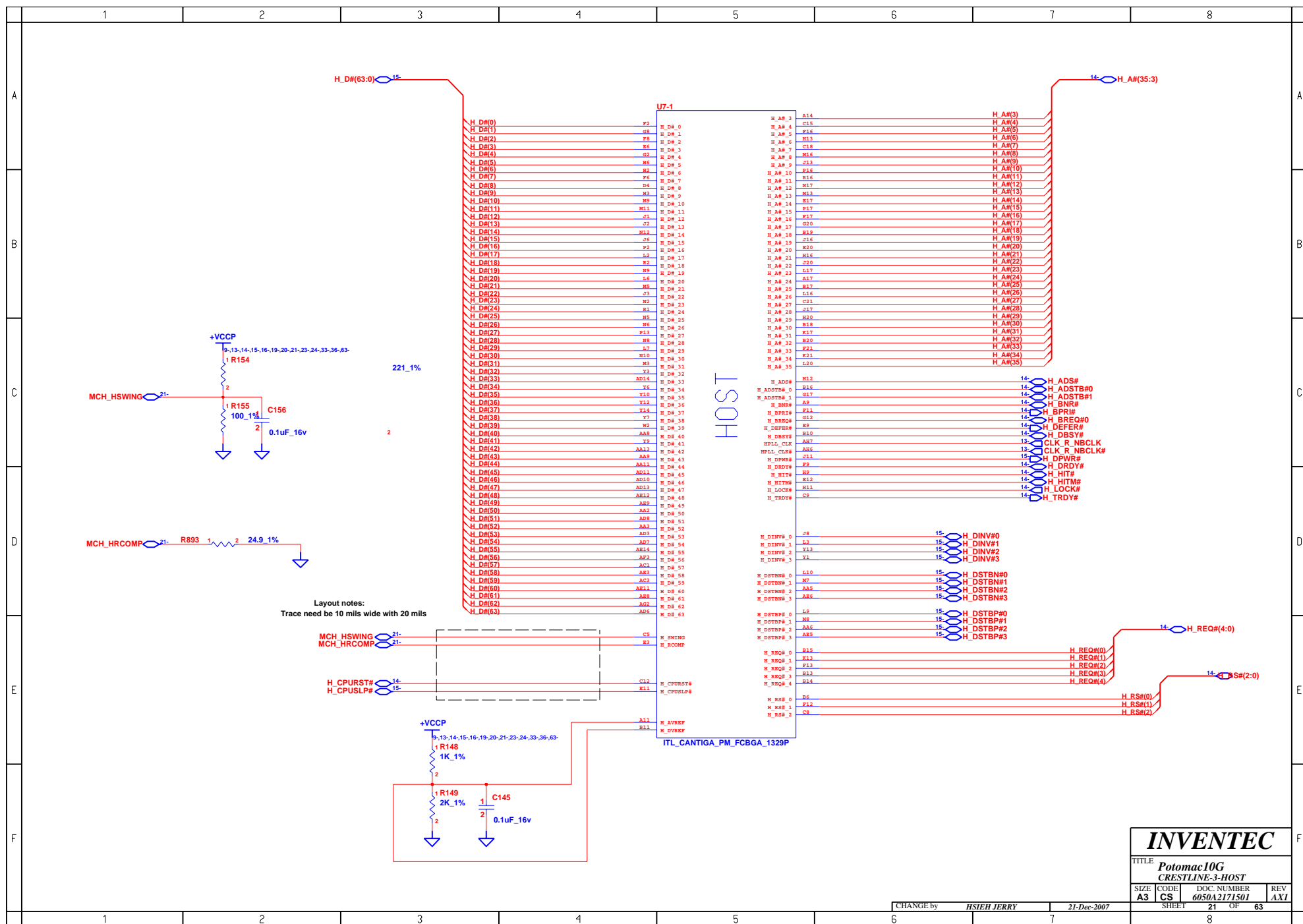
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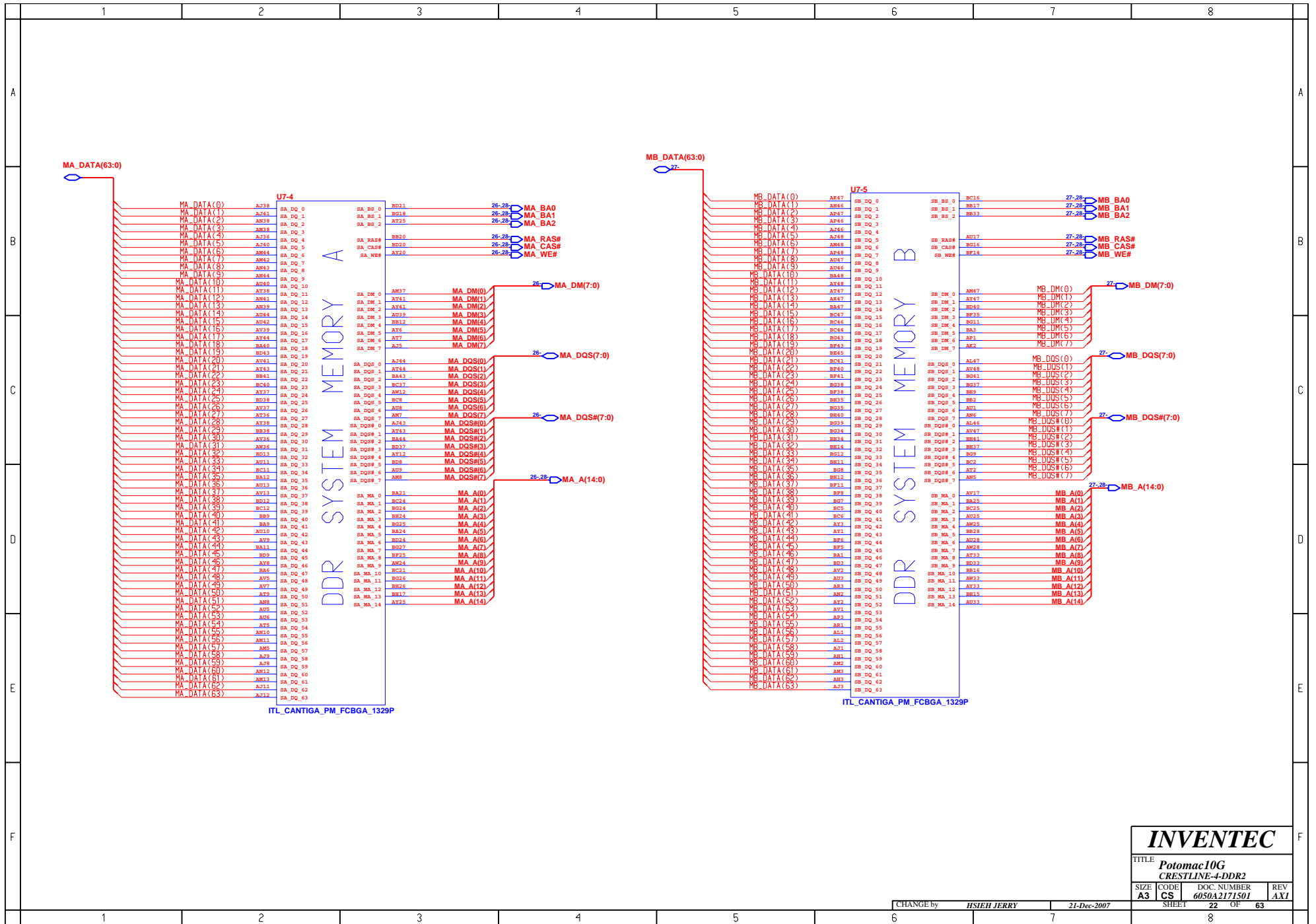
Thermal Sensor For CPU
LAYOUT NOTES: PUT THE THERMAL SENSOR CLOSE TO CPU

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CHANGE by HSIEH JERRY		21-Dec-2007	SHEET 18 OF 63









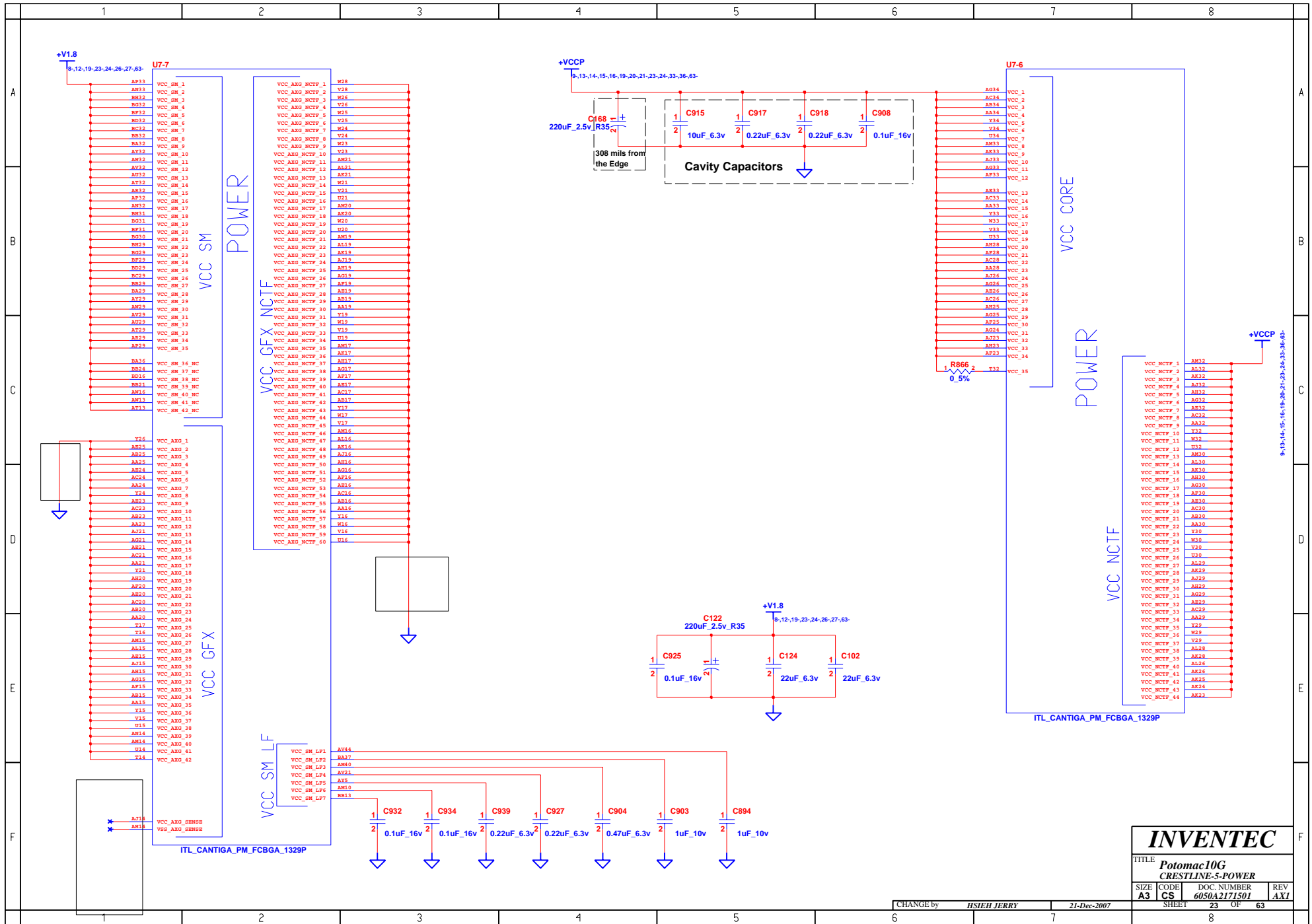
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Potomac10G
CRESTLINE-4-DDR2

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

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

SHEET 22 OF 63

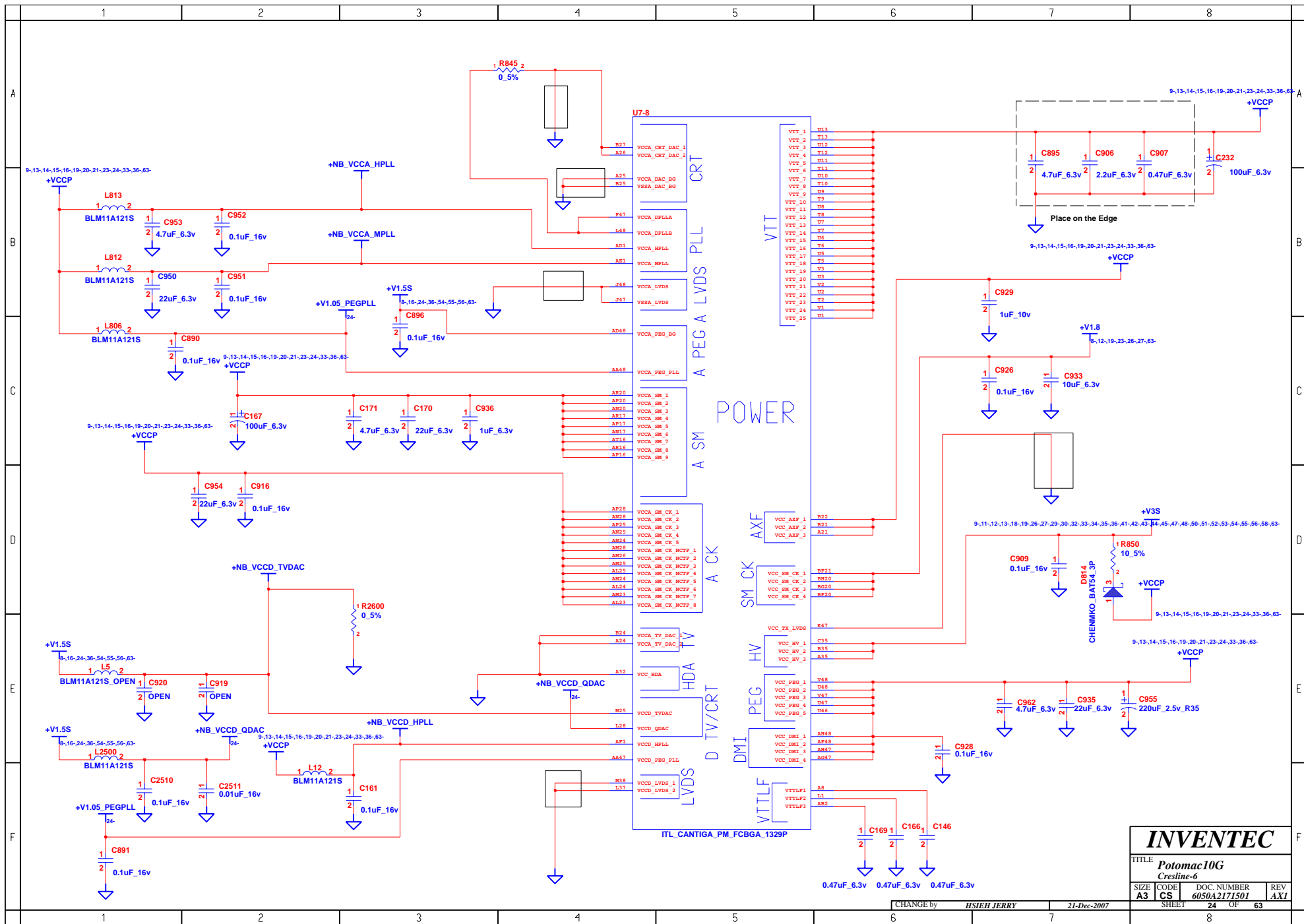


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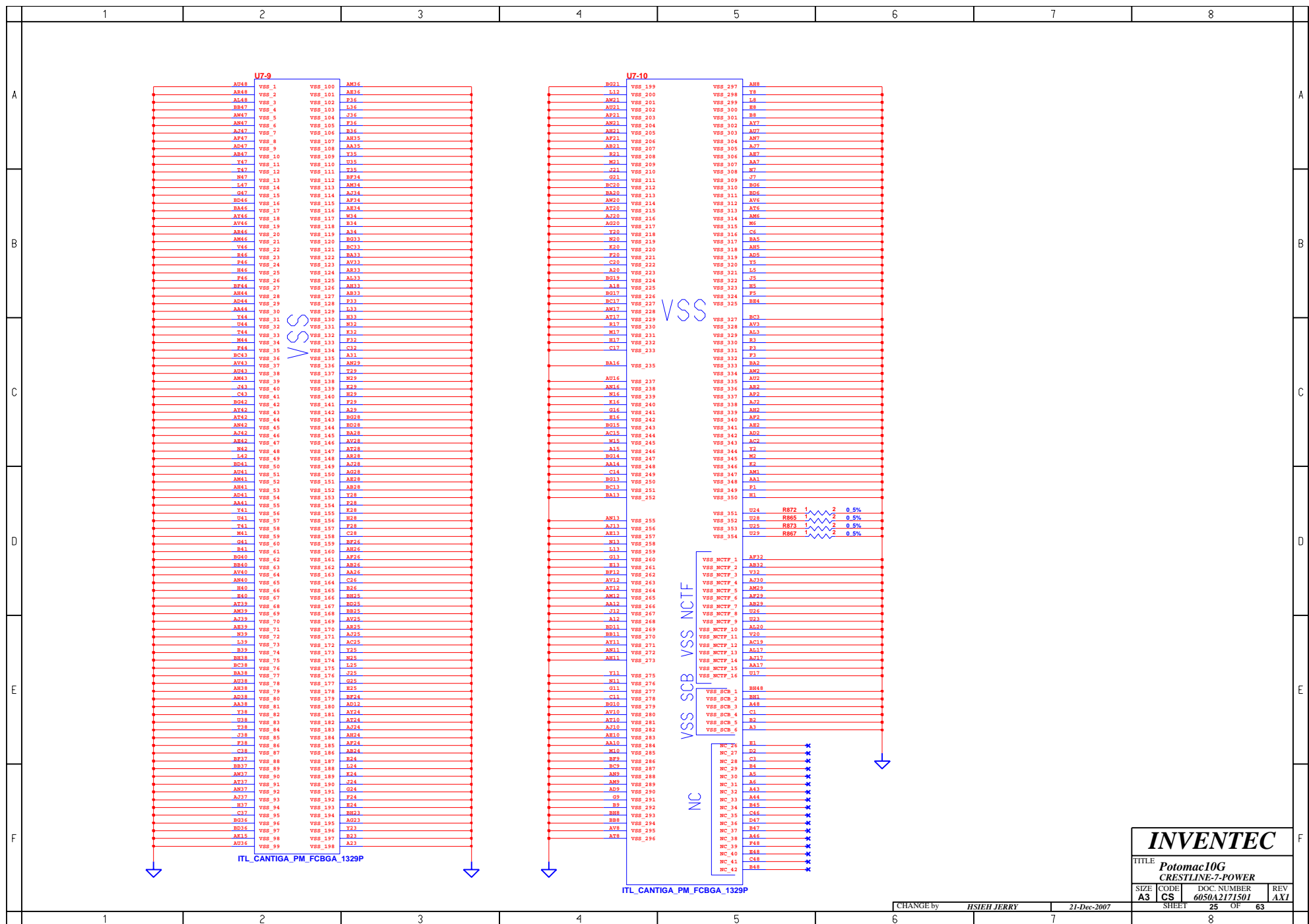
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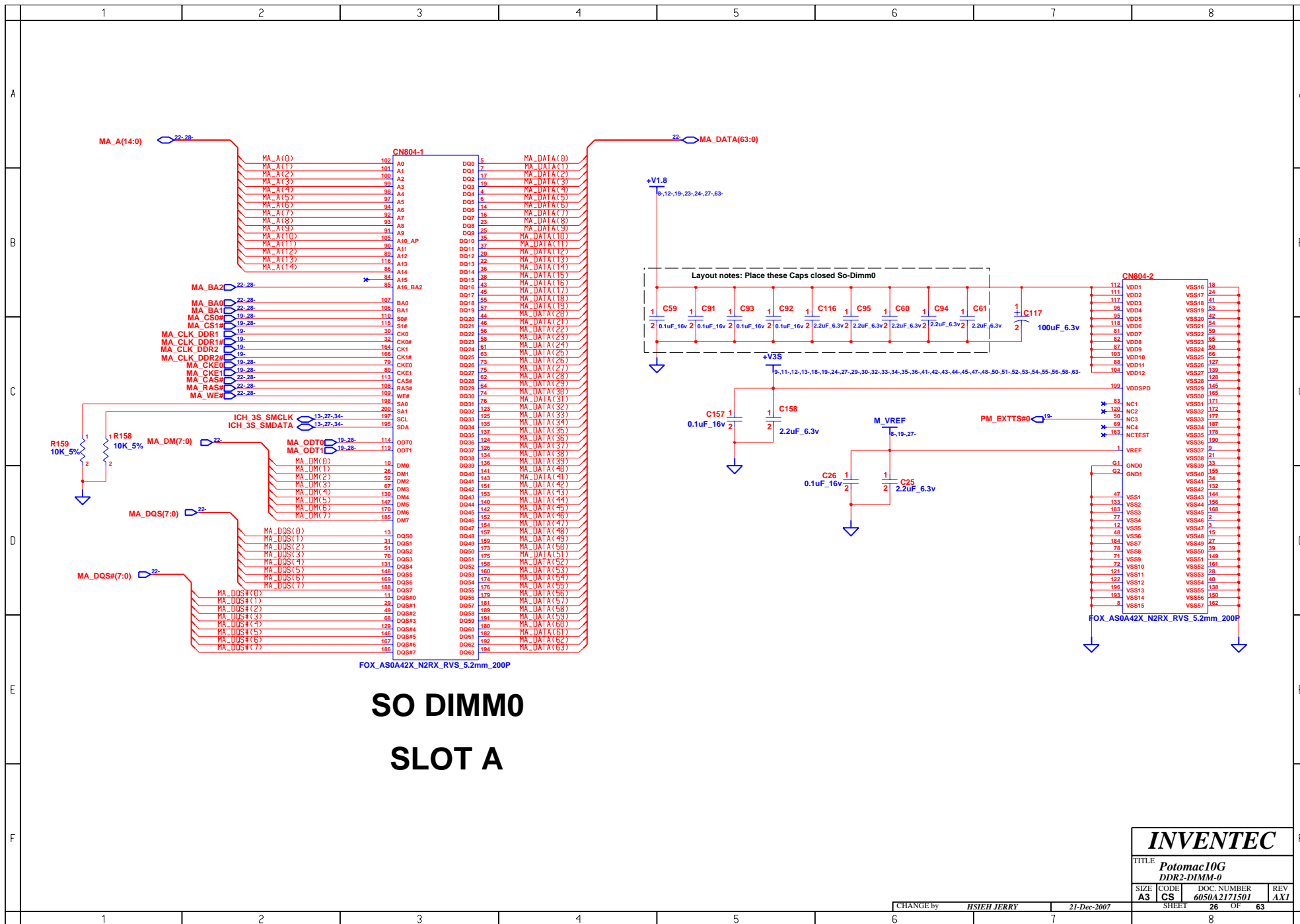
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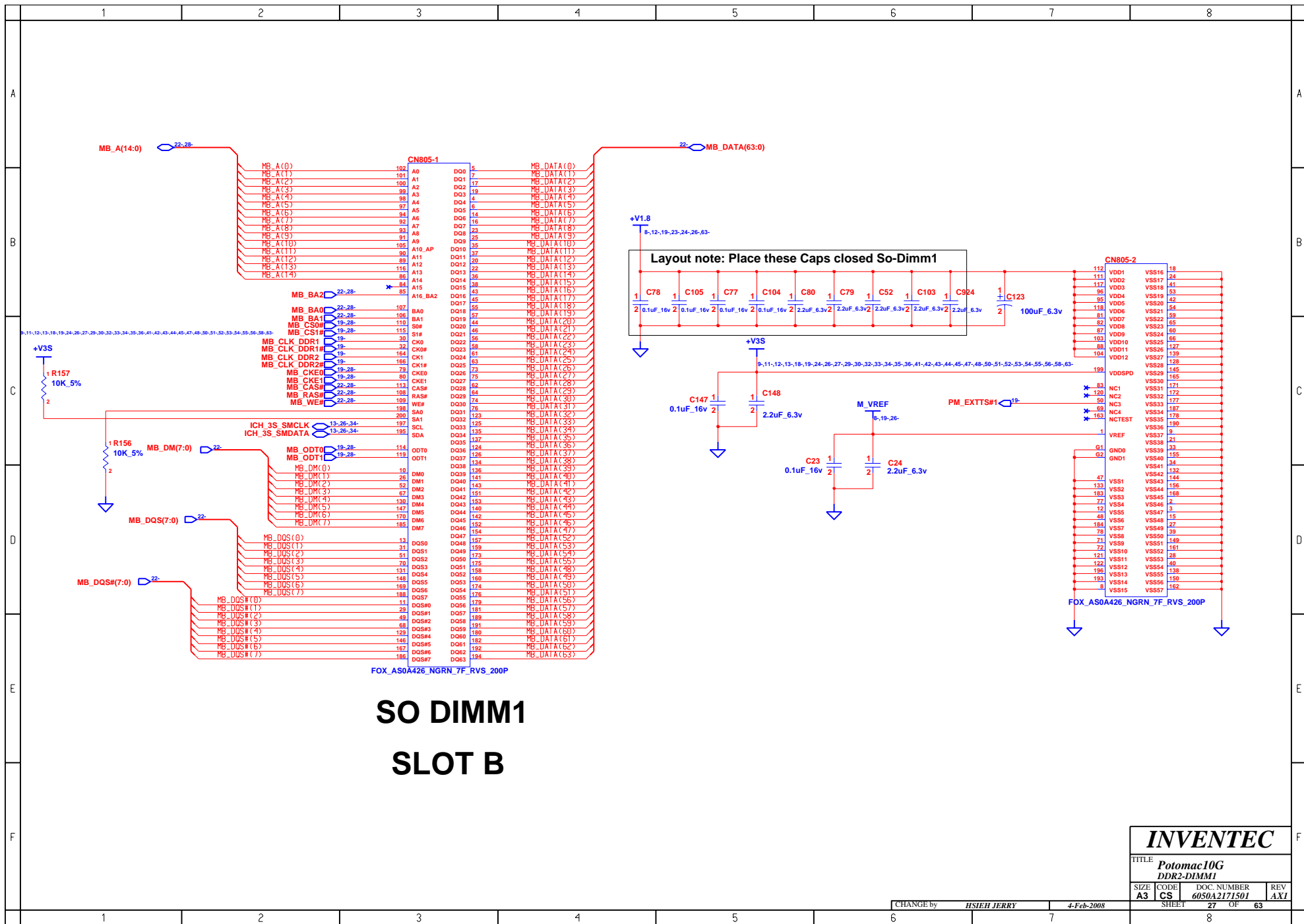
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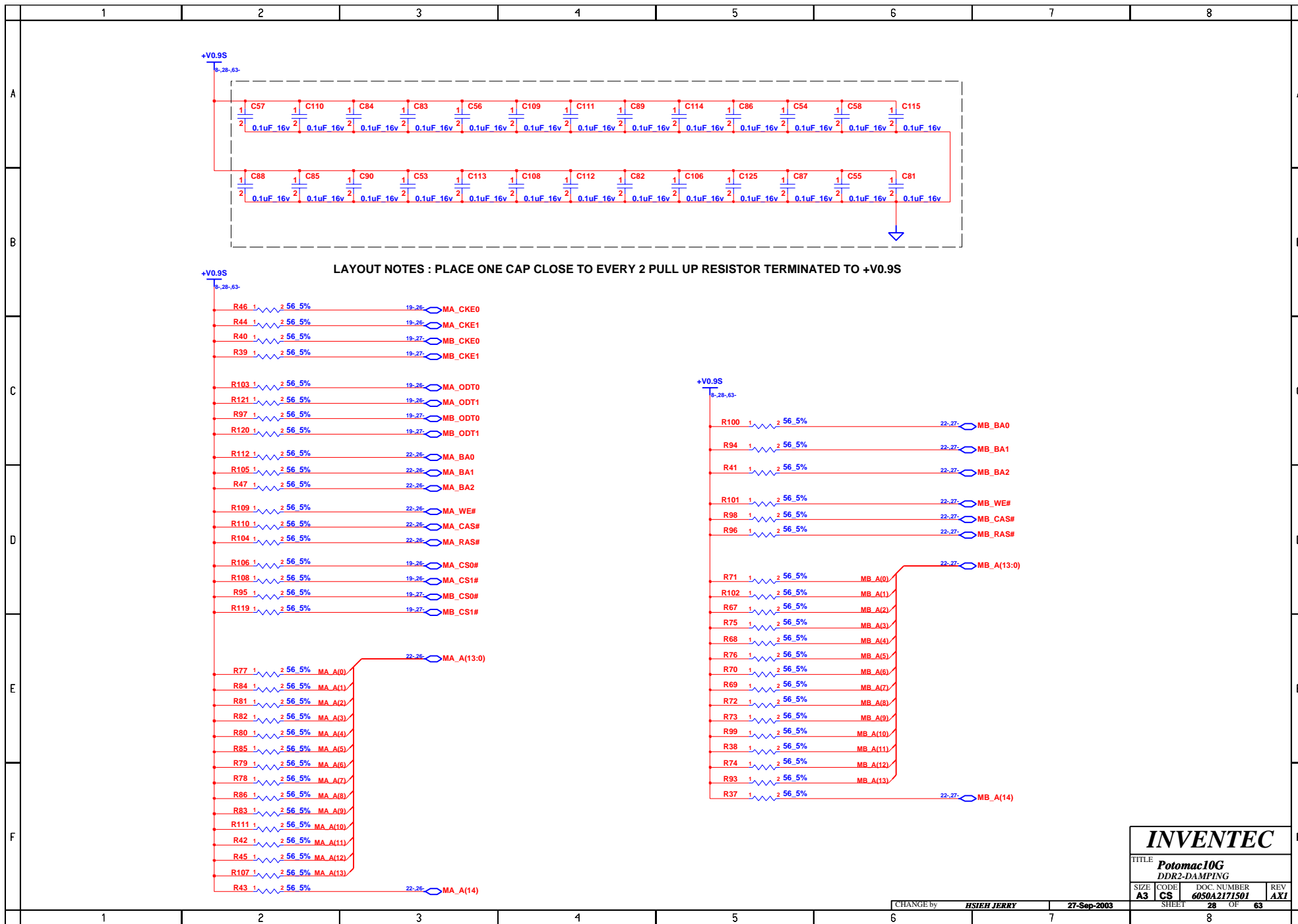


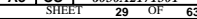
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CHANGE by HSEH JERRY		21-Dec-2007	
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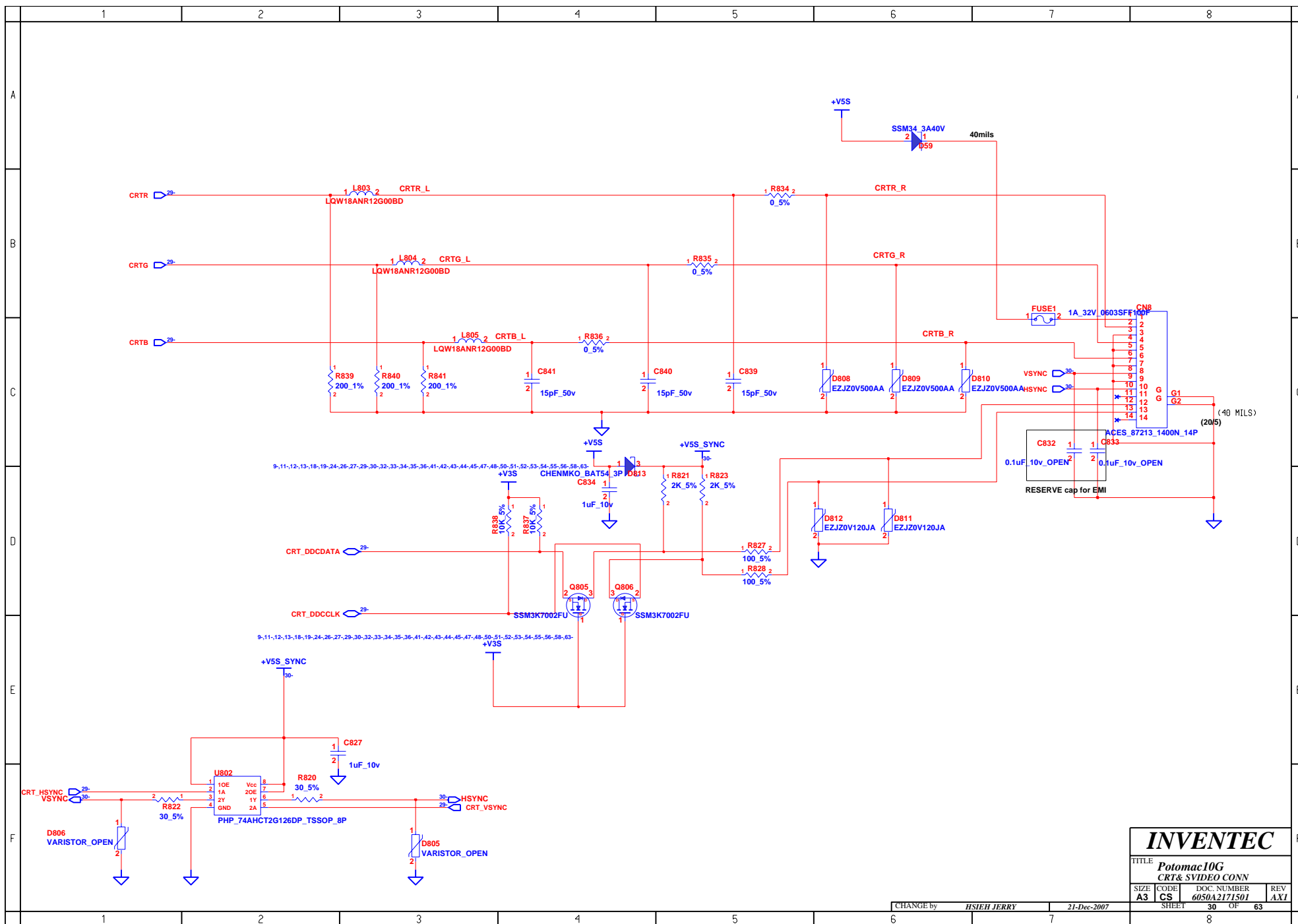










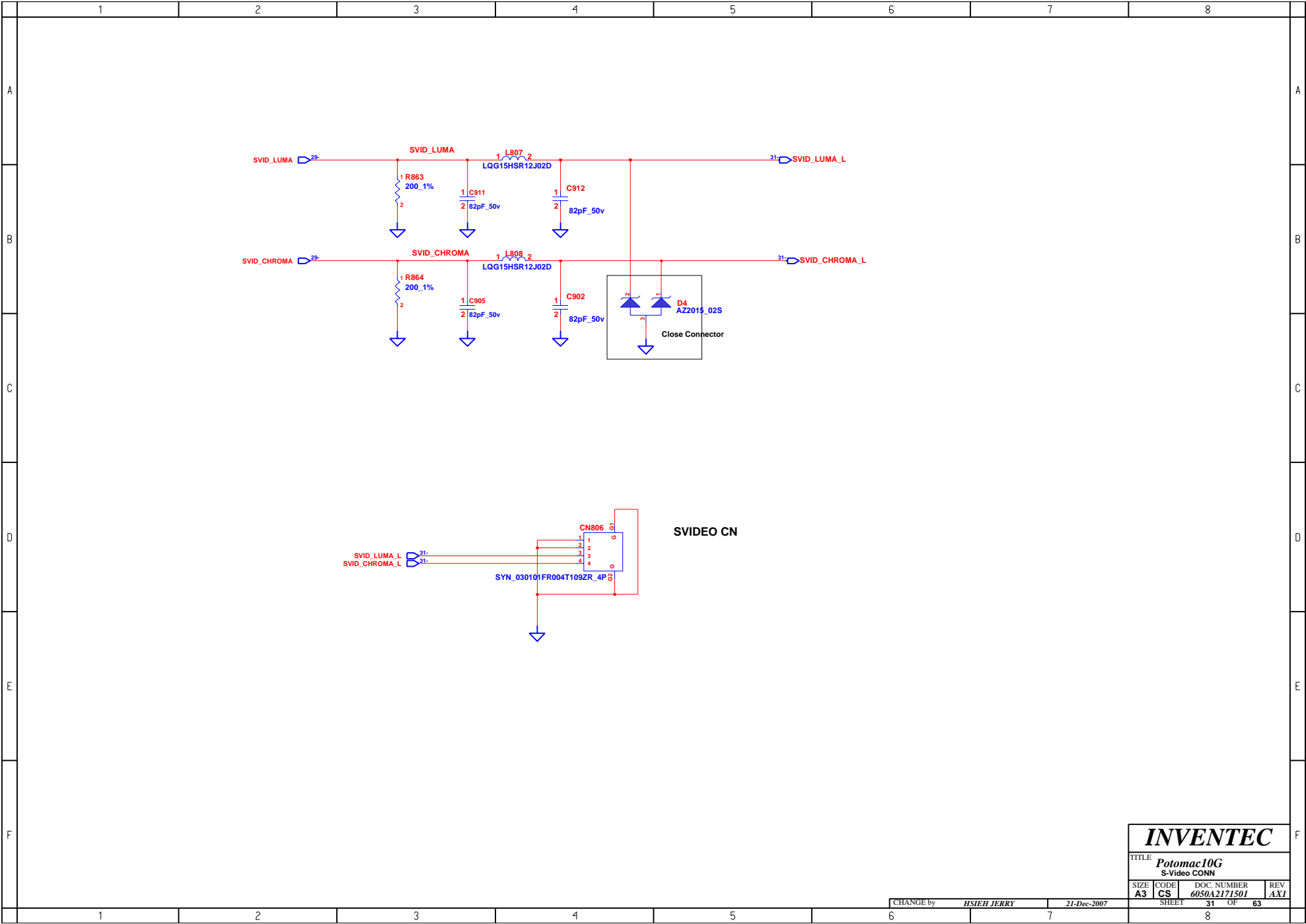


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TITLE Potomac10G CRT & SVIDEO CONN			
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CHANGE by **HSEH JERRY** 21-Dec-2007

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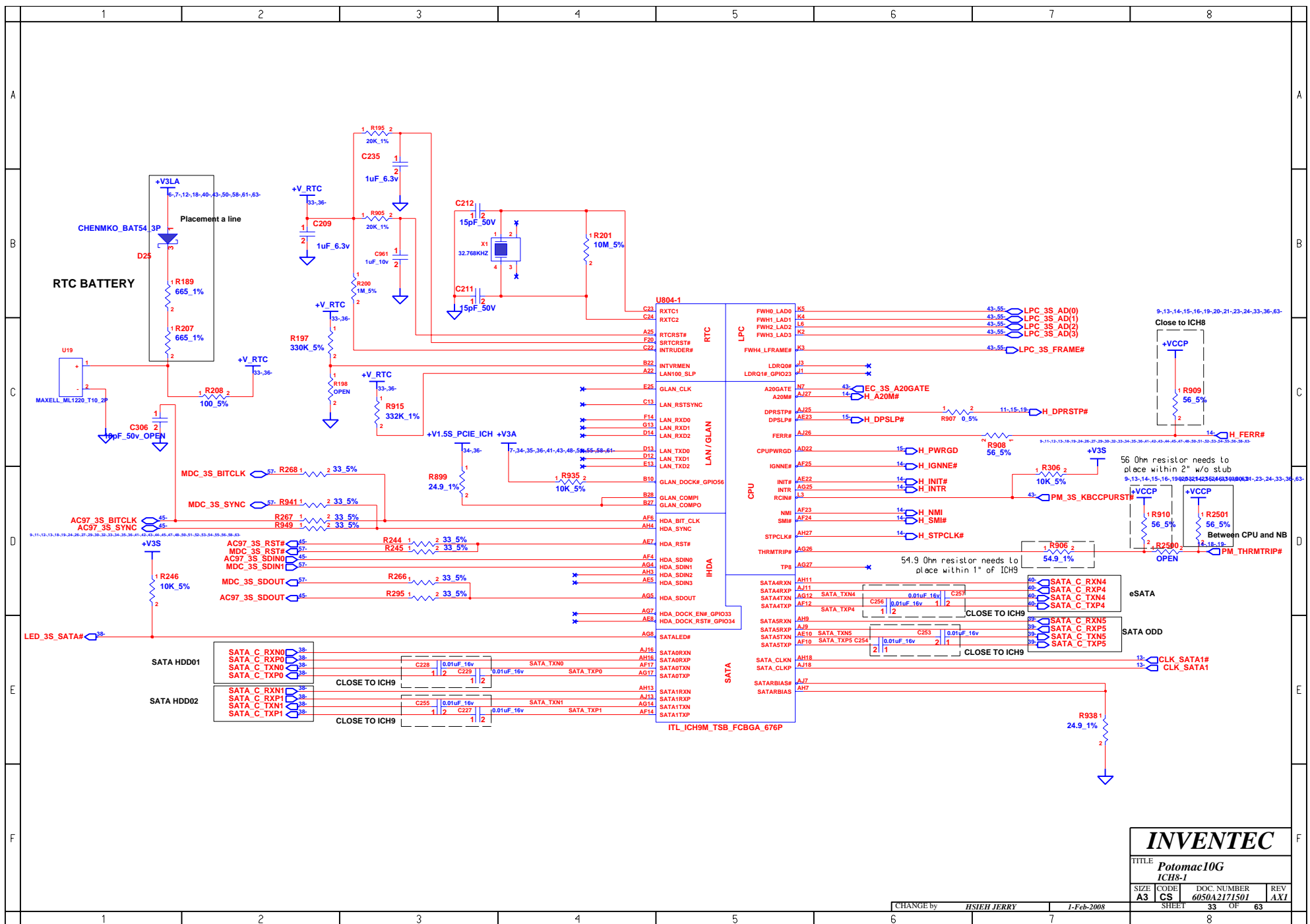
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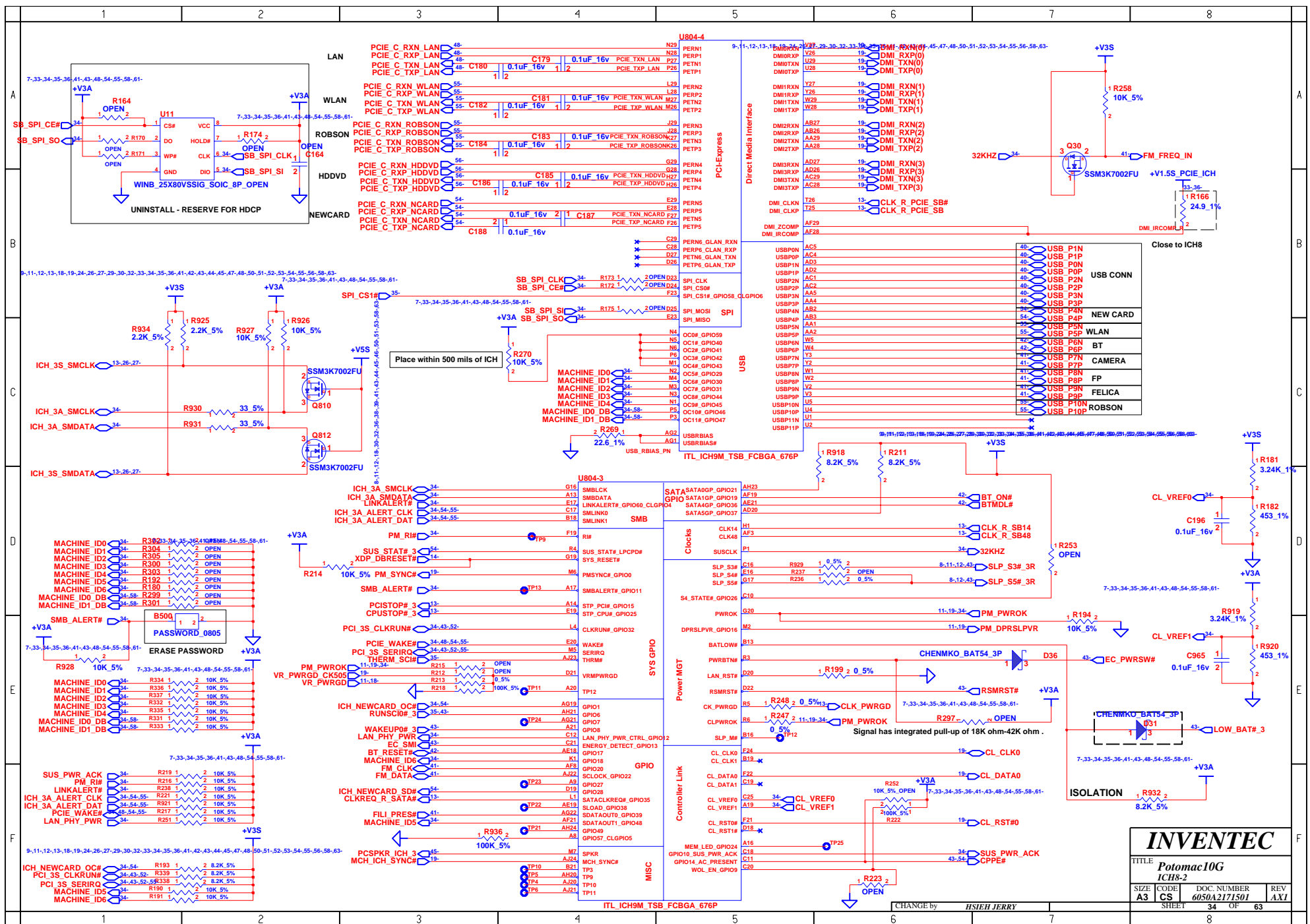
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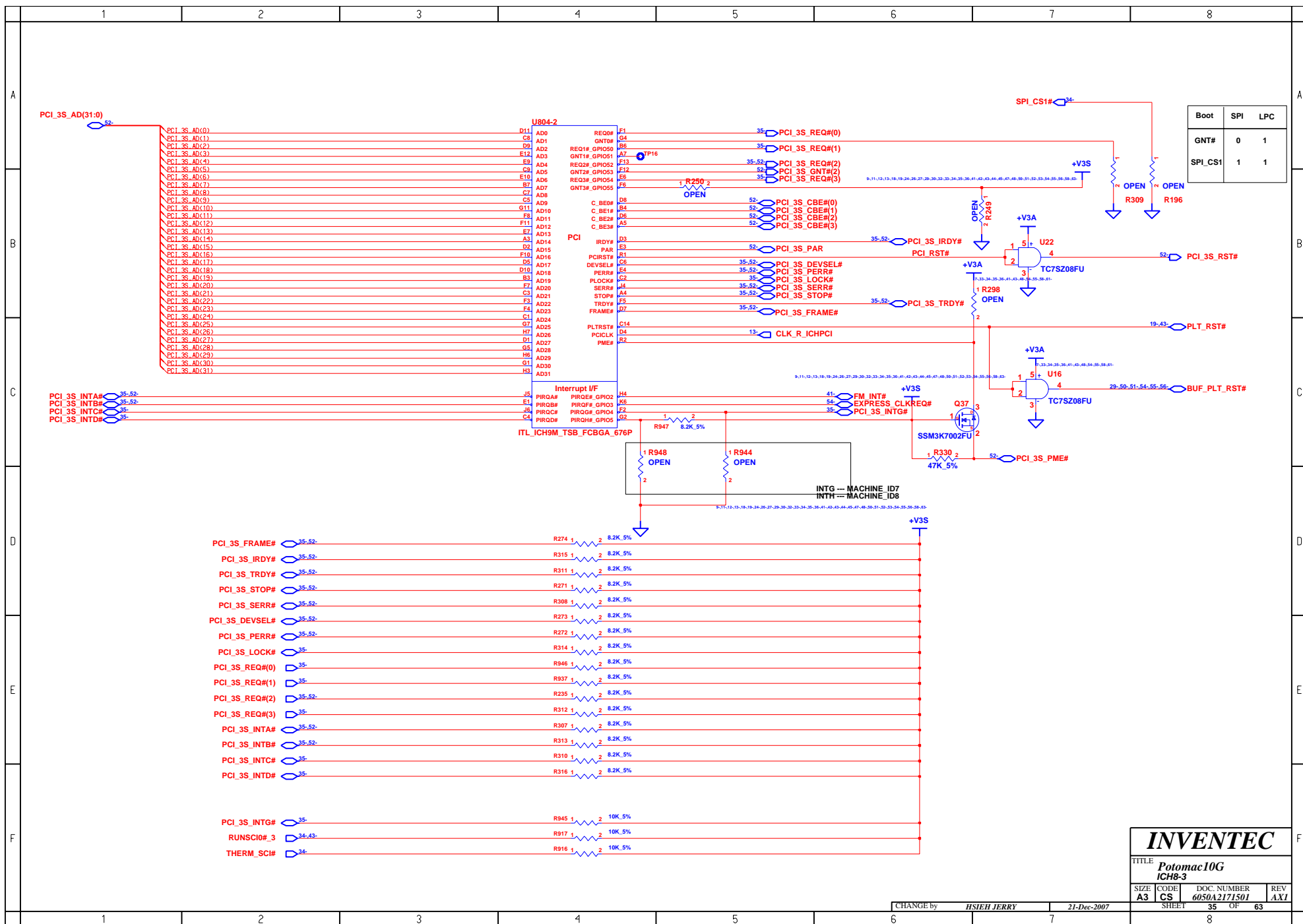
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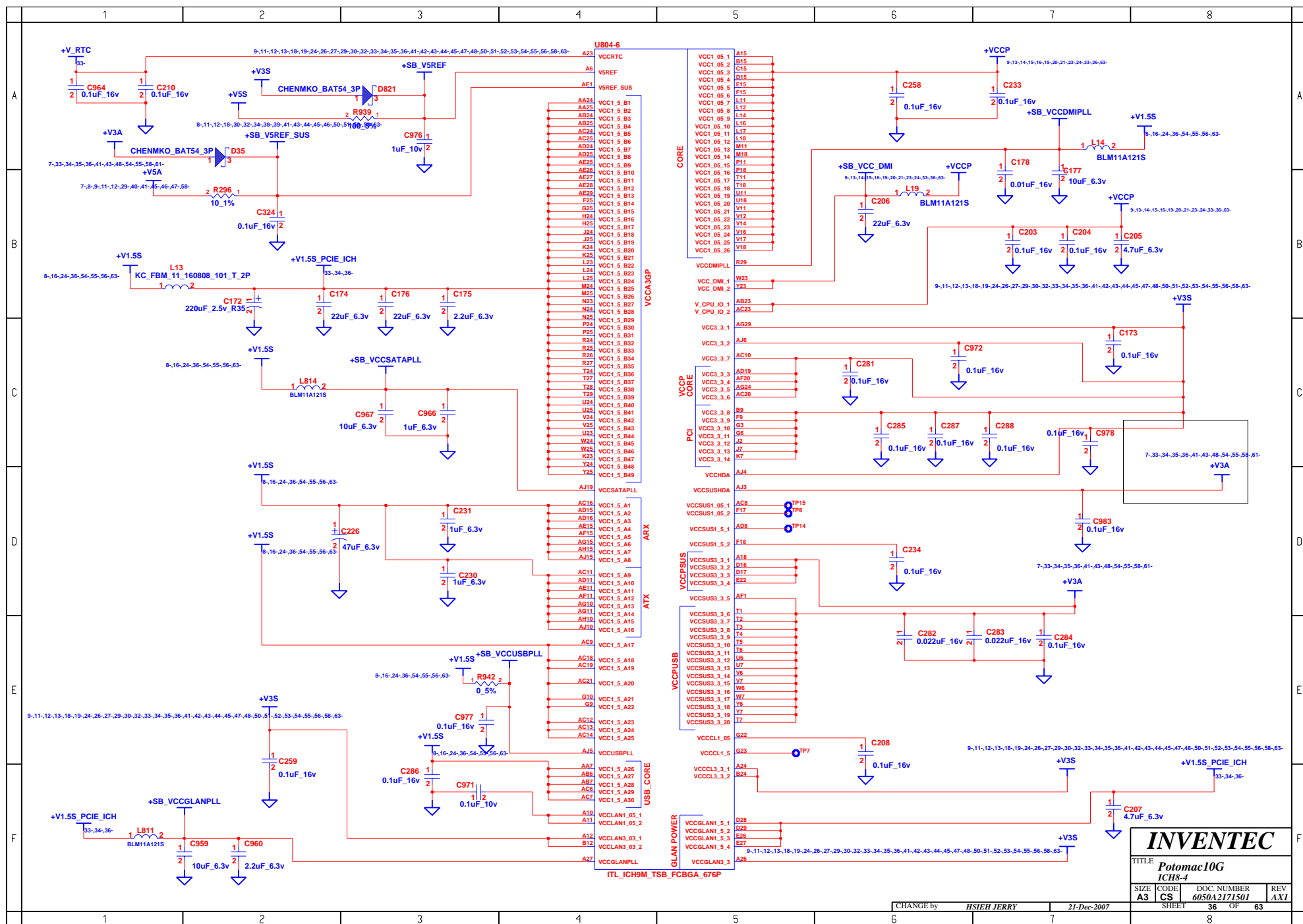
CHANGE by **HSEH JERRY** 21-Dec-2007

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A									A
B									B
C									C
D									D
E									E
F									F

U804-5

AA26	VSS001	VSS107	H5
AA27	VSS002	VSS108	J23
AA2	VSS003	VSS109	J26
AA6	VSS004	VSS110	J27
AB1	VSS005	VSS111	AC22
AA23	VSS006	VSS112	K28
AB26	VSS007	VSS113	K29
AB25	VSS008	VSS114	L13
AB4	VSS009	VSS115	L15
AB5	VSS010	VSS116	L2
AC17	VSS011	VSS117	L26
AC25	VSS012	VSS118	L27
AC27	VSS013	VSS119	L5
AC3	VSS014	VSS120	L7
AD1	VSS015	VSS121	M12
AD10	VSS016	VSS122	M13
AD12	VSS017	VSS123	M14
AD13	VSS018	VSS124	M15
AD14	VSS019	VSS125	M16
AD17	VSS020	VSS126	M17
AD18	VSS021	VSS127	M23
AD21	VSS022	VSS128	M28
AD25	VSS023	VSS129	M29
AD23	VSS024	VSS130	N11
AD4	VSS025	VSS131	N12
AD5	VSS026	VSS132	N13
AD6	VSS027	VSS133	N14
AD7	VSS028	VSS134	N15
AD9	VSS029	VSS135	N16
AE13	VSS030	VSS136	N17
AE13	VSS031	VSS137	N18
AE14	VSS032	VSS138	N26
AE16	VSS033	VSS139	N27
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AE20	VSS036	VSS142	P14
AE24	VSS037	VSS143	P15
AE3	VSS038	VSS144	P16
AE4	VSS039	VSS145	P17
AE5	VSS040	VSS146	P2
AE9	VSS041	VSS147	P23
AF13	VSS042	VSS148	P28
AF16	VSS043	VSS149	P29
AF18	VSS044	VSS150	P4
AF24	VSS045	VSS151	P7
AH25	VSS046	VSS152	R11
AF28	VSS047	VSS153	R12
AF27	VSS048	VSS154	R13
AF3	VSS049	VSS155	R14
AF7	VSS050	VSS156	R15
AF9	VSS051	VSS157	R16
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AG3	VSS057	VSS163	T14
AG5	VSS058	VSS164	T15
AG9	VSS059	VSS165	T16
AH12	VSS060	VSS166	T17
AH14	VSS061	VSS167	T23
AH17	VSS062	VSS168	B26
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AH2	VSS064	VSS170	U13
AH22	VSS065	VSS171	U14
AH23	VSS066	VSS172	U15
AH28	VSS067	VSS173	U16
AH5	VSS068	VSS174	U17
AH6	VSS069	VSS175	AD23
AJ12	VSS070	VSS176	U26
AJ14	VSS071	VSS177	U27
AJ17	VSS072	VSS178	U3
AJ8	VSS073	VSS179	V1
B11	VSS074	VSS180	V13
B14	VSS075	VSS181	V15
B17	VSS076	VSS182	V23
B1	VSS077	VSS183	V28
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B23	VSS079	VSS185	V4
B5	VSS080	VSS186	V5
B5	VSS081	VSS187	W26
C26	VSS082	VSS188	W27
C27	VSS083	VSS189	W3
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E14	VSS085	VSS191	Y28
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E21	VSS088	VSS194	Y5
E24	VSS089	VSS195	AG28
E5	VSS090	VSS196	AH6
E8	VSS091	VSS197	AF2
F16	VSS092	VSS198	B25
F28	VSS093		
F29	VSS094	VSS_NCTF1	A1
G12	VSS095	VSS_NCTF2	A2
G14	VSS096	VSS_NCTF3	A28
G19	VSS097	VSS_NCTF4	A29
G21	VSS098	VSS_NCTF5	AH1
G24	VSS099	VSS_NCTF6	AH29
G25	VSS100	VSS_NCTF7	AJ1
G27	VSS101	VSS_NCTF8	AJ2
G8	VSS102	VSS_NCTF9	AJ28
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H25	VSS104	VSS_NCTF11	B1
H28	VSS105	VSS_NCTF12	B29
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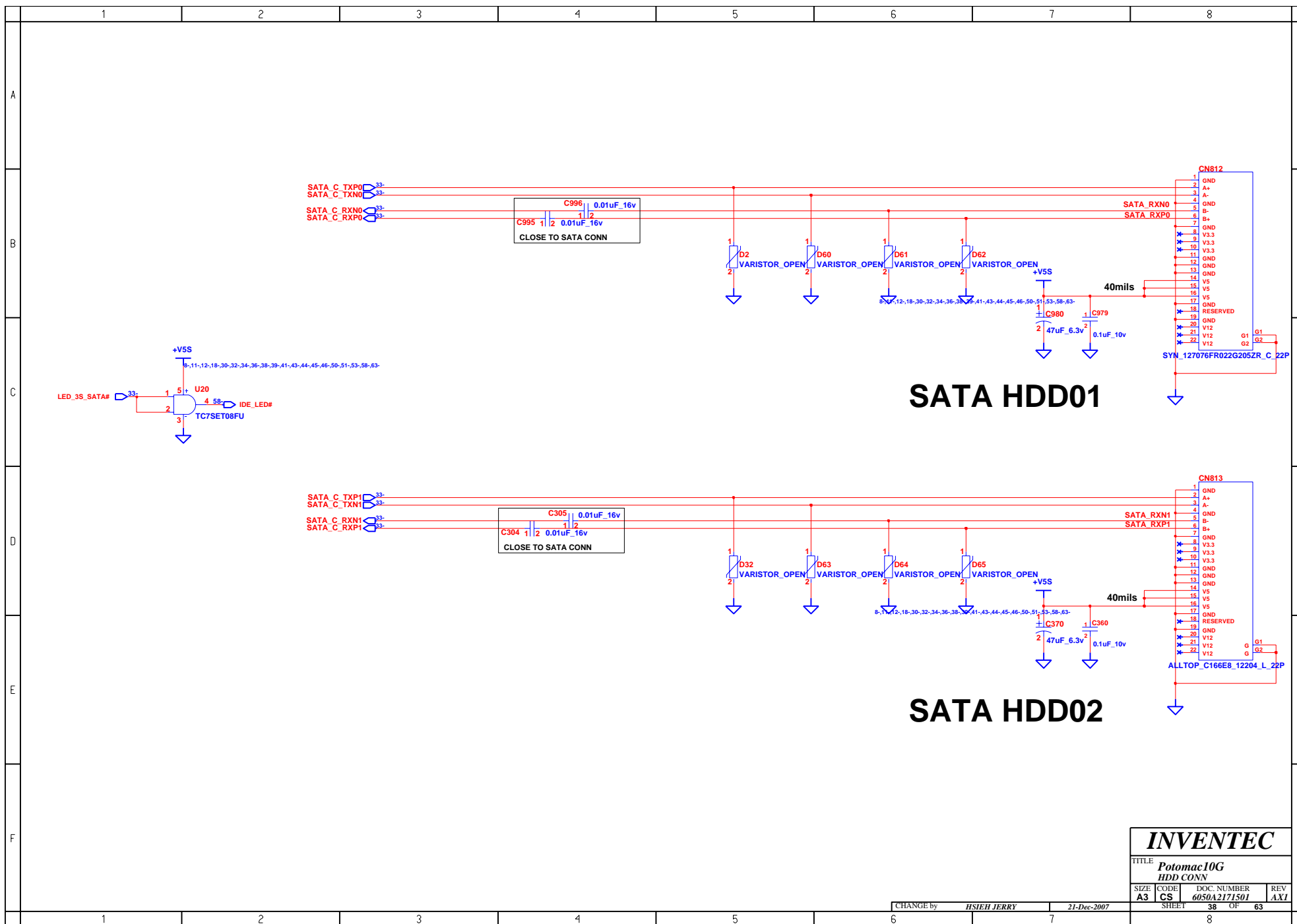
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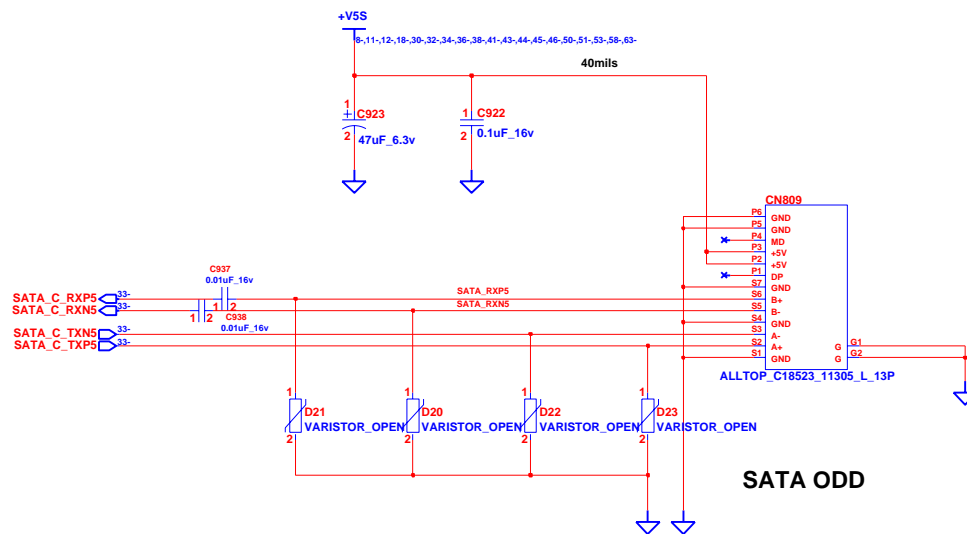
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Potomac10G
ICH8-5

SIZE	CODE	DOC. NUMBER	REV
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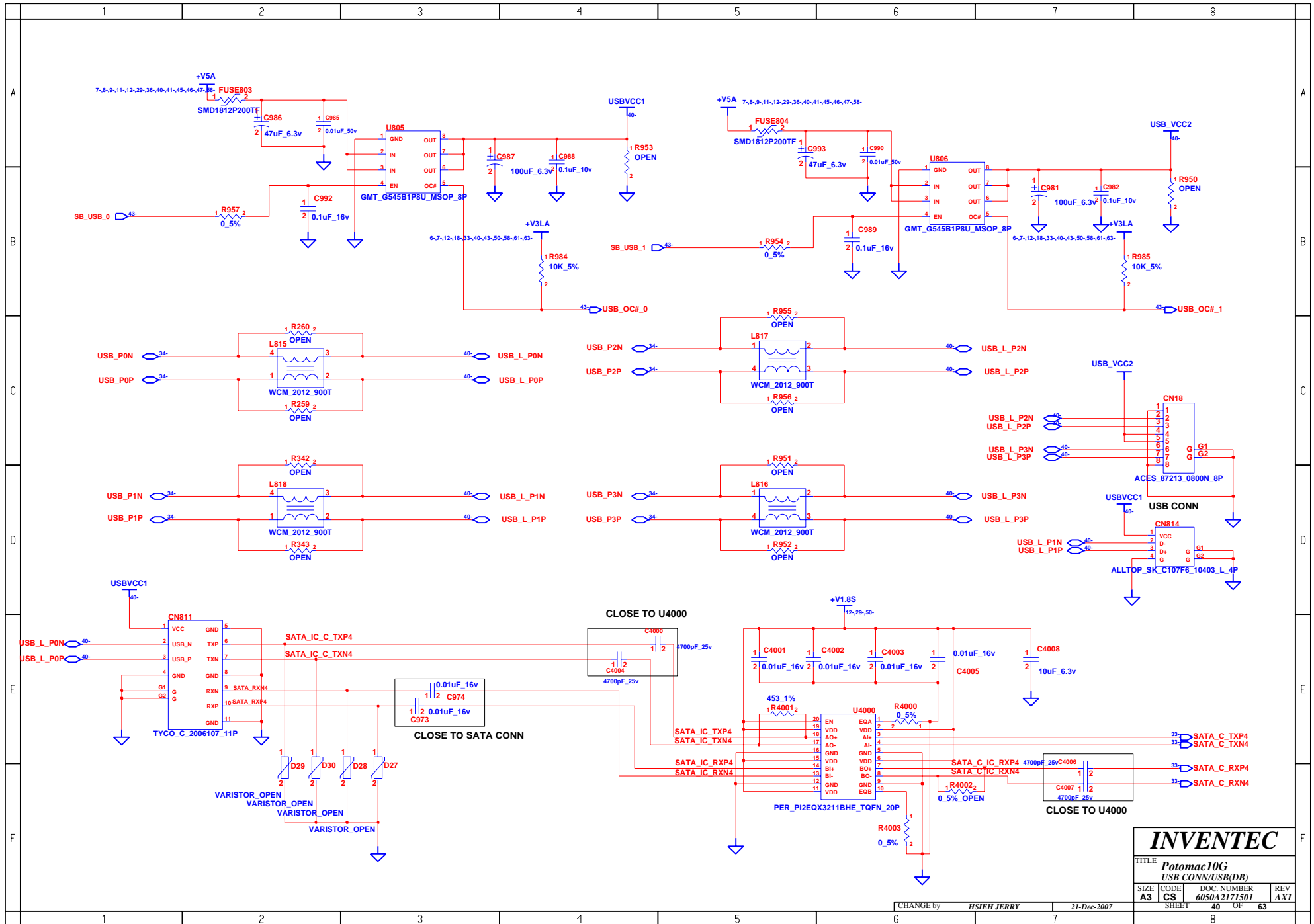
CHANGE by HSEH JERRY 21-Dec-2007

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INVENTEC			
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Potomac10G			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by		SHEET	OF
HSEH JERRY		39	63
21-Dec-2007		8	



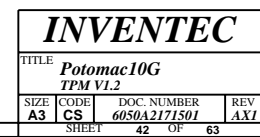
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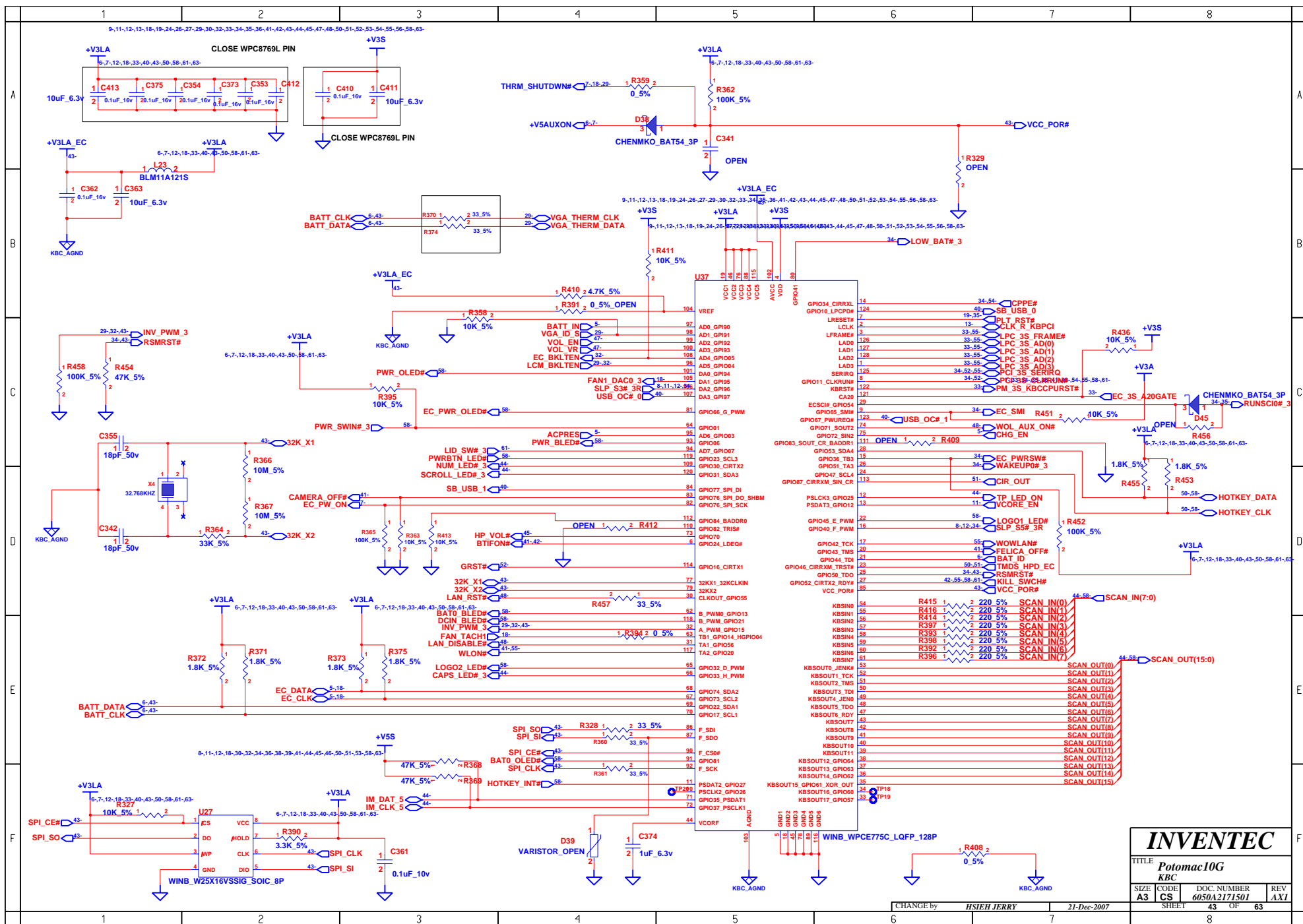
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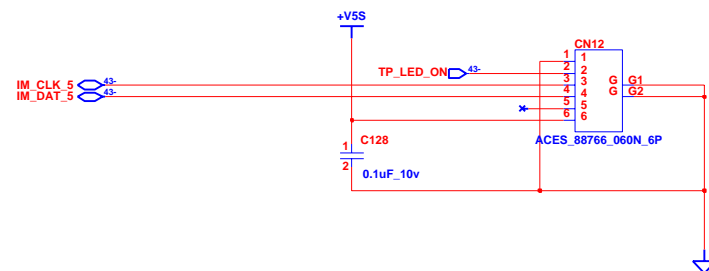
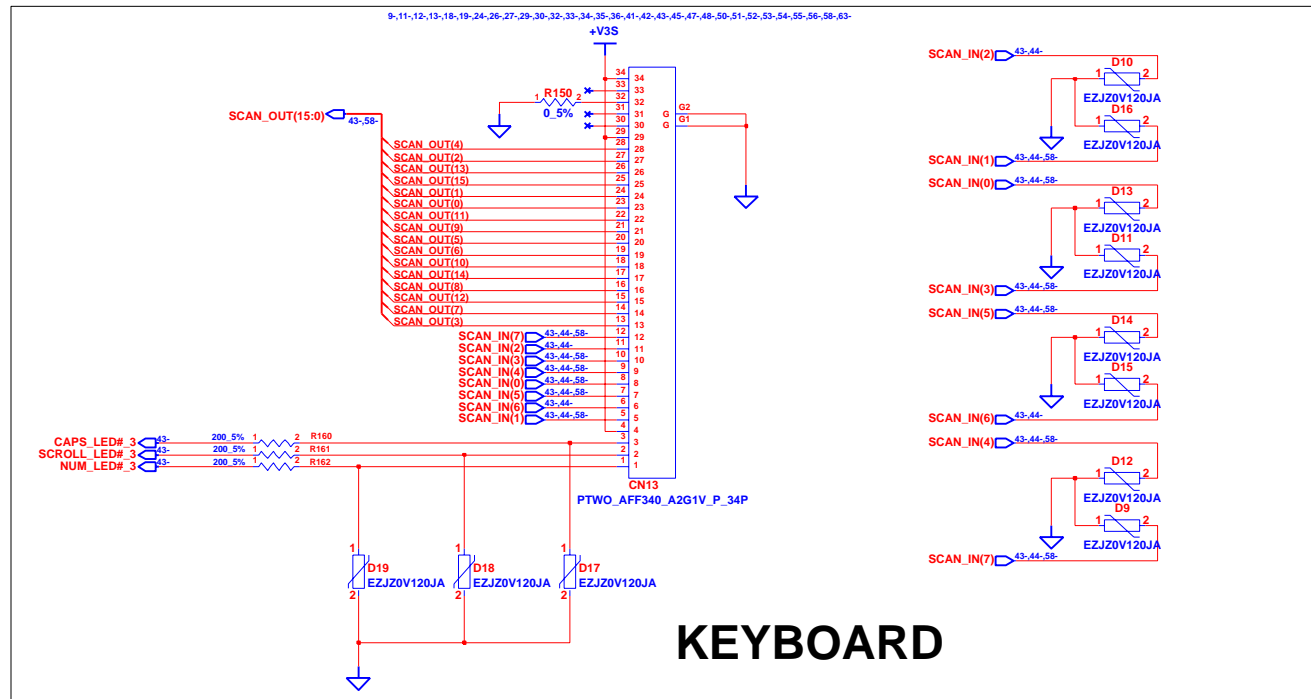
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CHANGE by: HSEH JERRY 21-Dec-2007

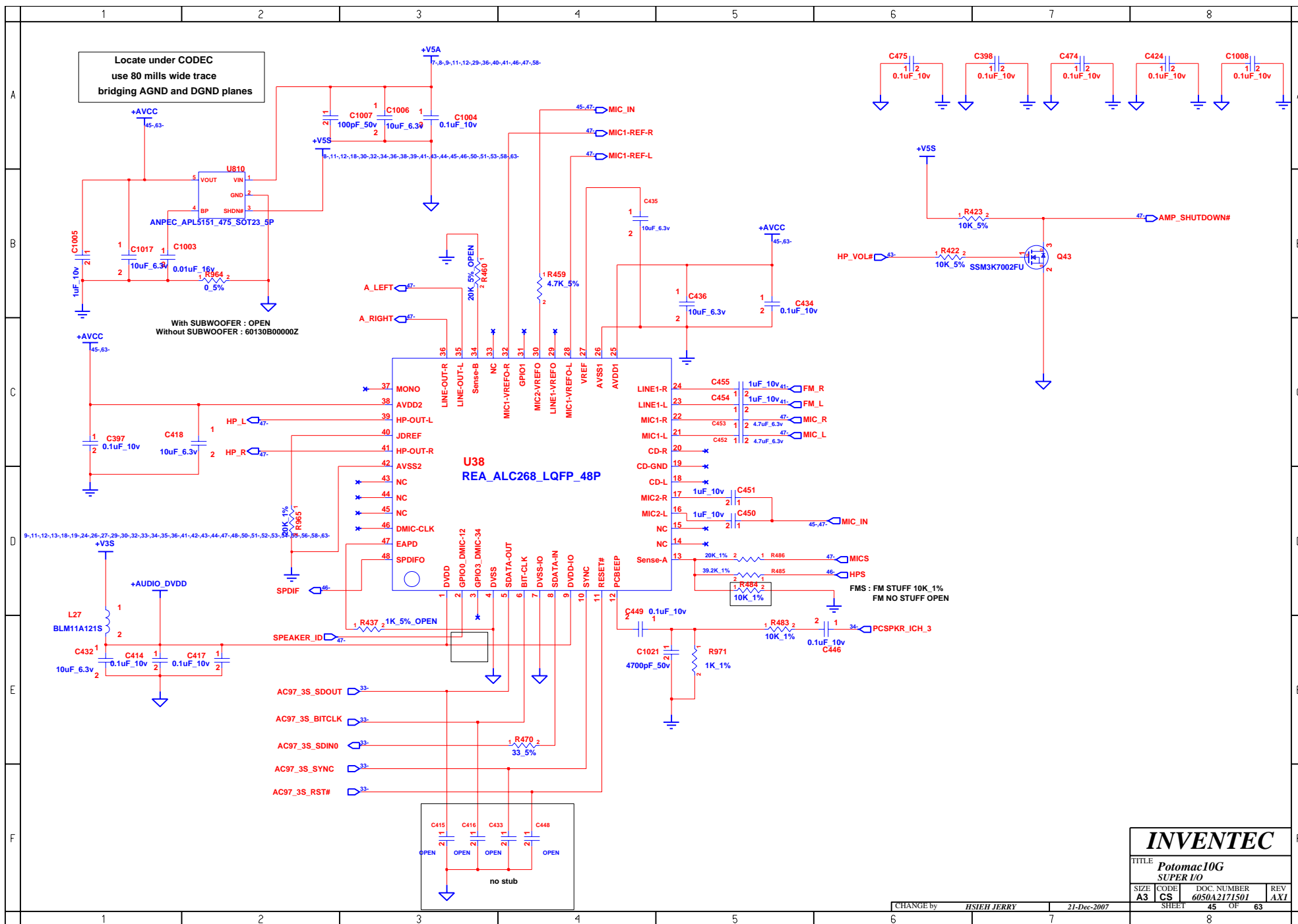
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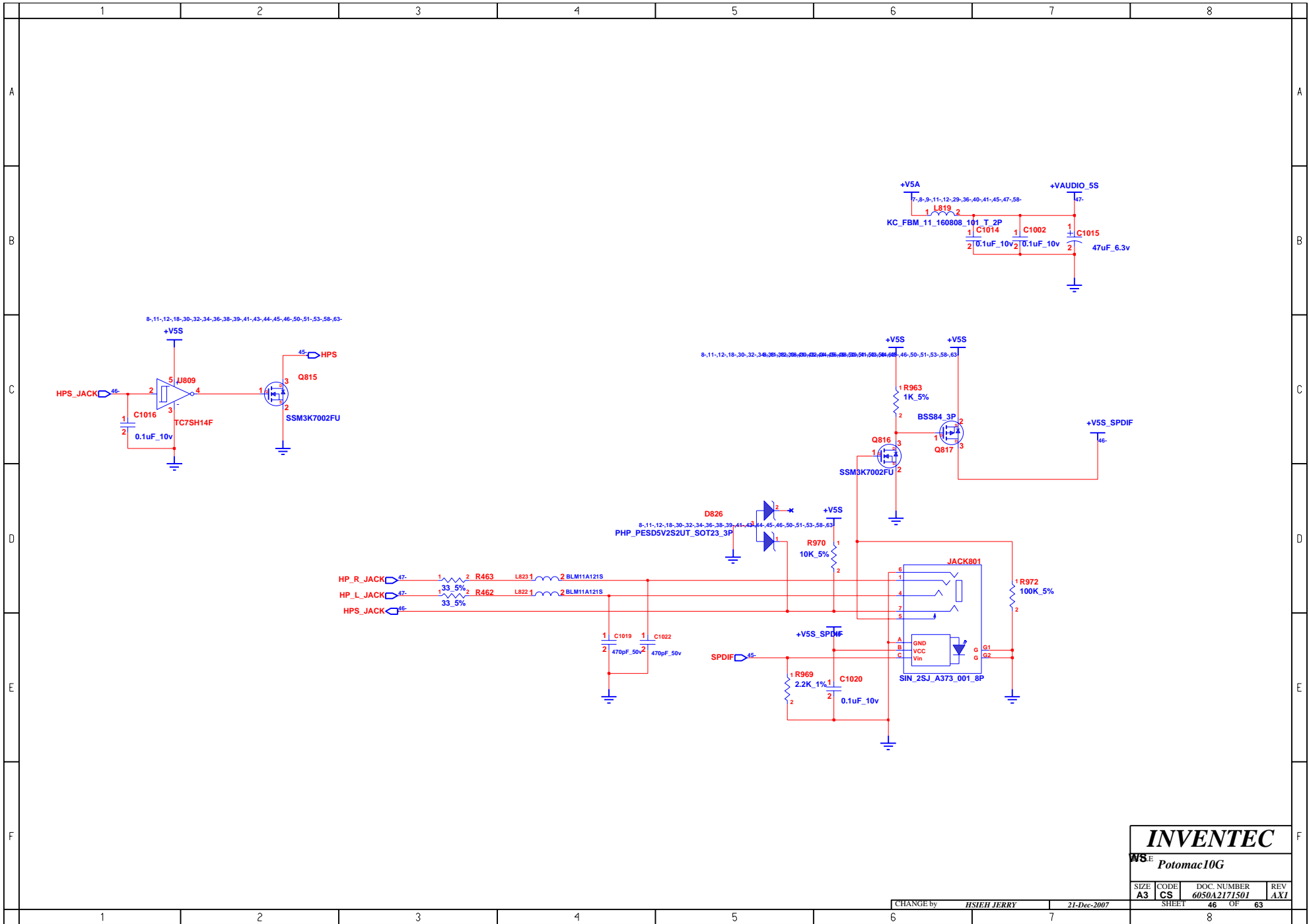






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TITLE			
Potomac10G			
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SIZE	CODE	DOC. NUMBER	REV
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CHANGE by		21-Dec-2007	
HSEH JERRY			
SHEET		44	OF 63
		8	





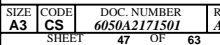
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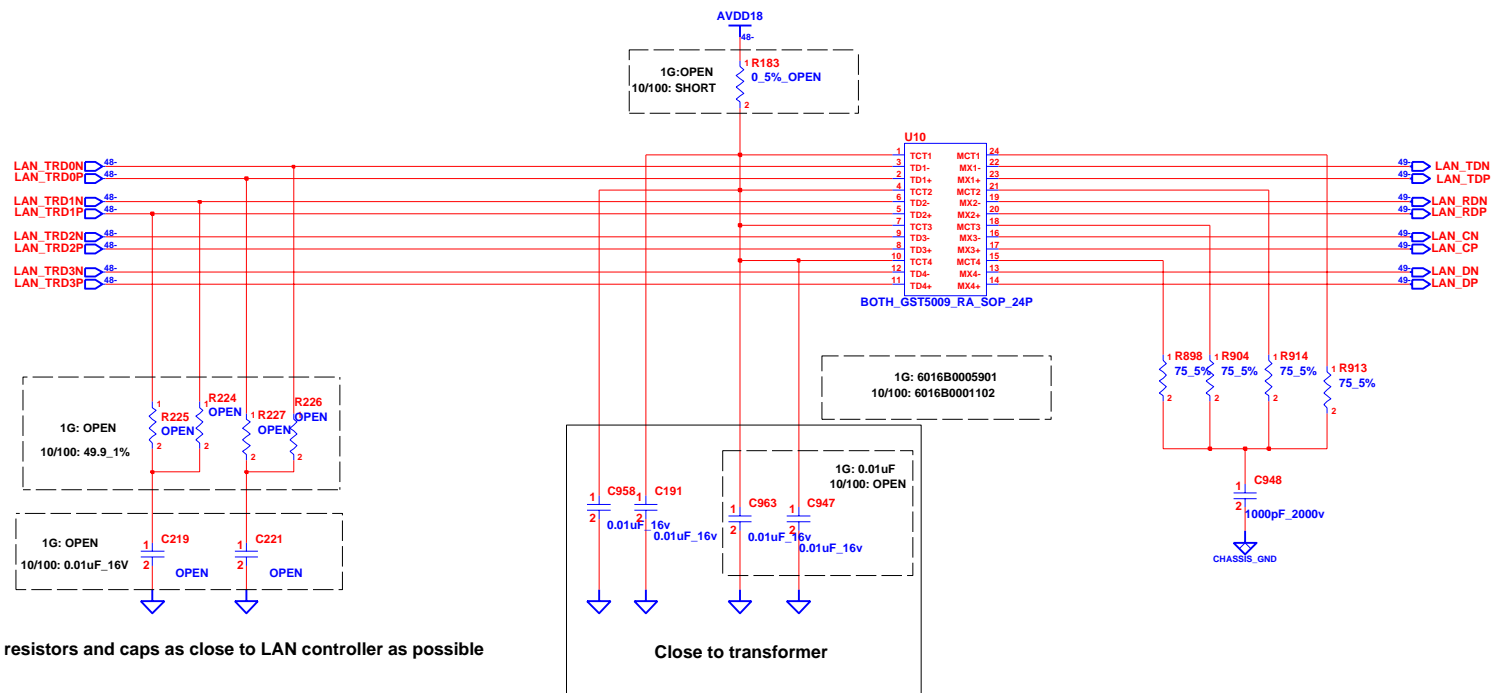
WS-E Potomac10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AXI

CHANGE by HSEH JERRY 21-Dec-2007

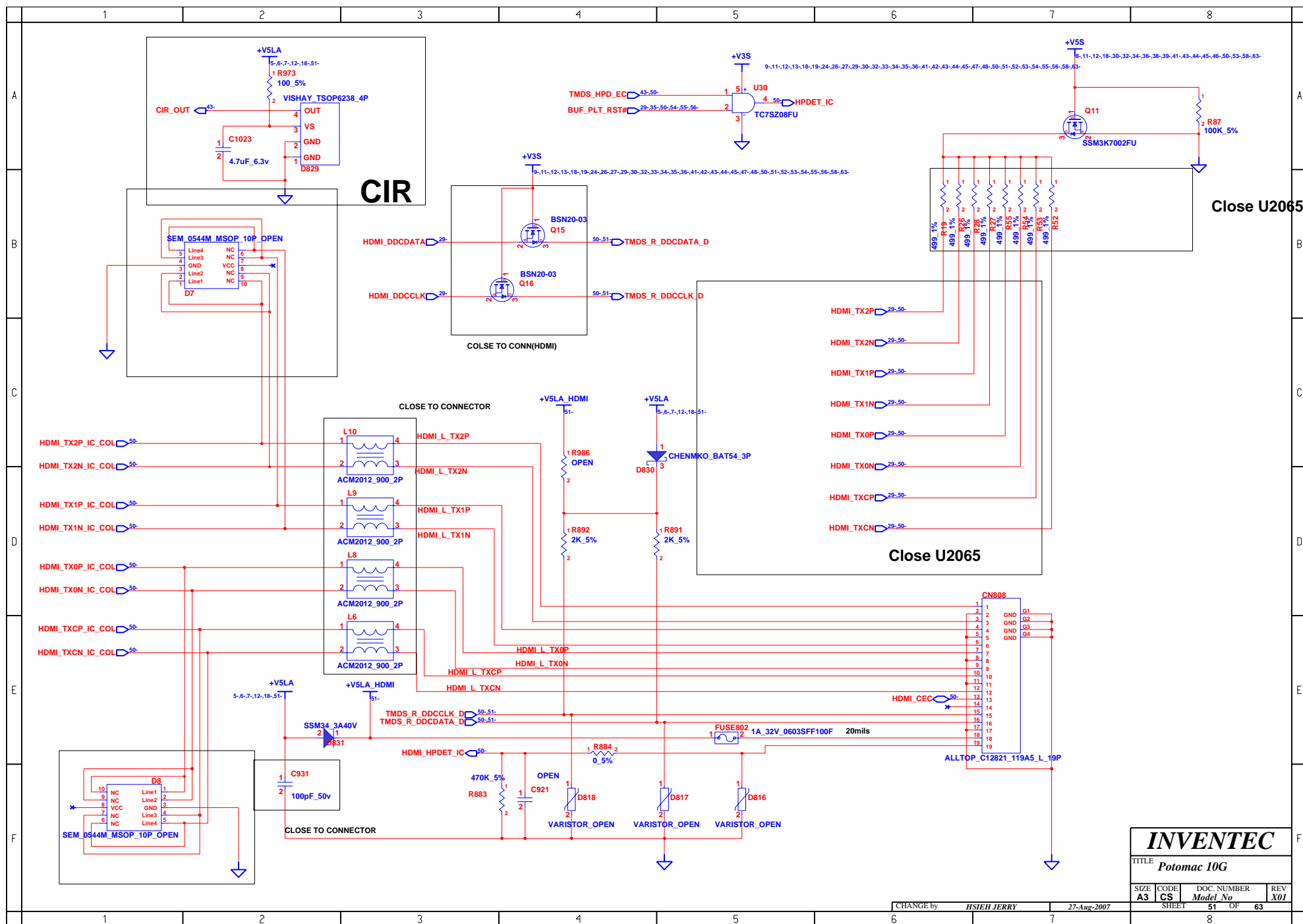
SHEET 46 OF 63

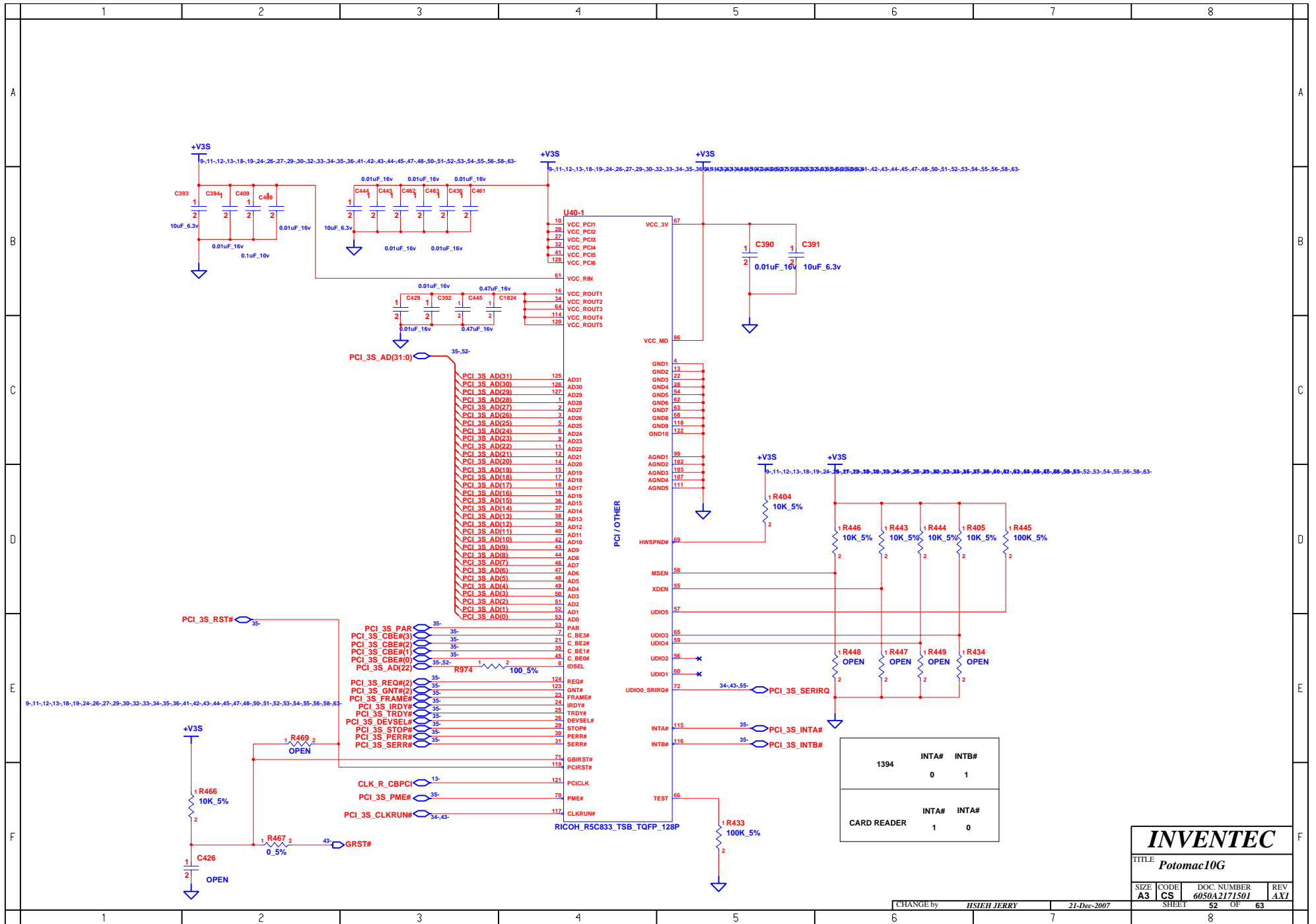




Close to transformer

<i>INVENTEC</i>			
TITLE <i>Potomac10G</i>			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1
SHEET		49 OF	63
8			





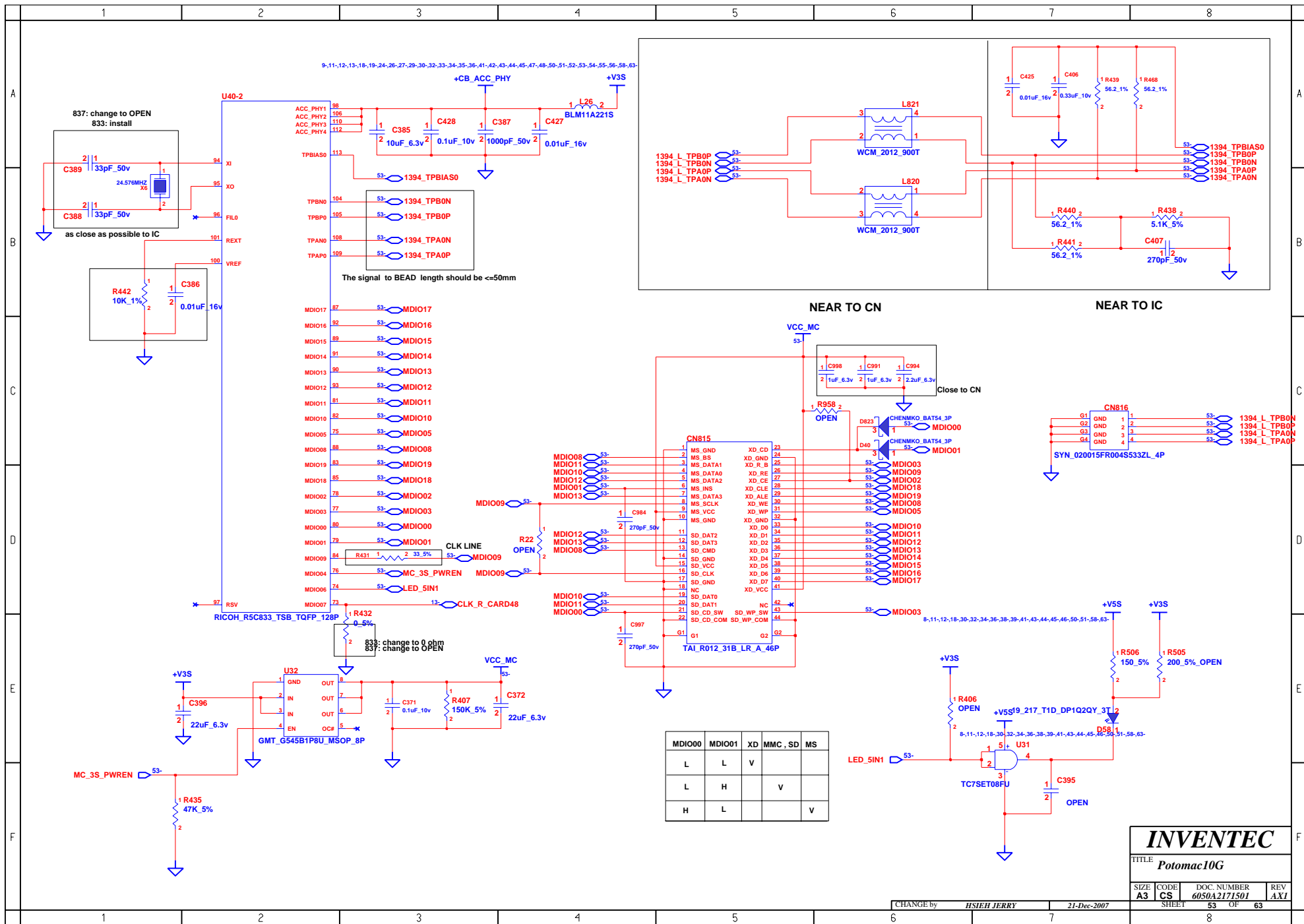
INVENTEC

TITLE
Potomac10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

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

SHEET 52 OF 63



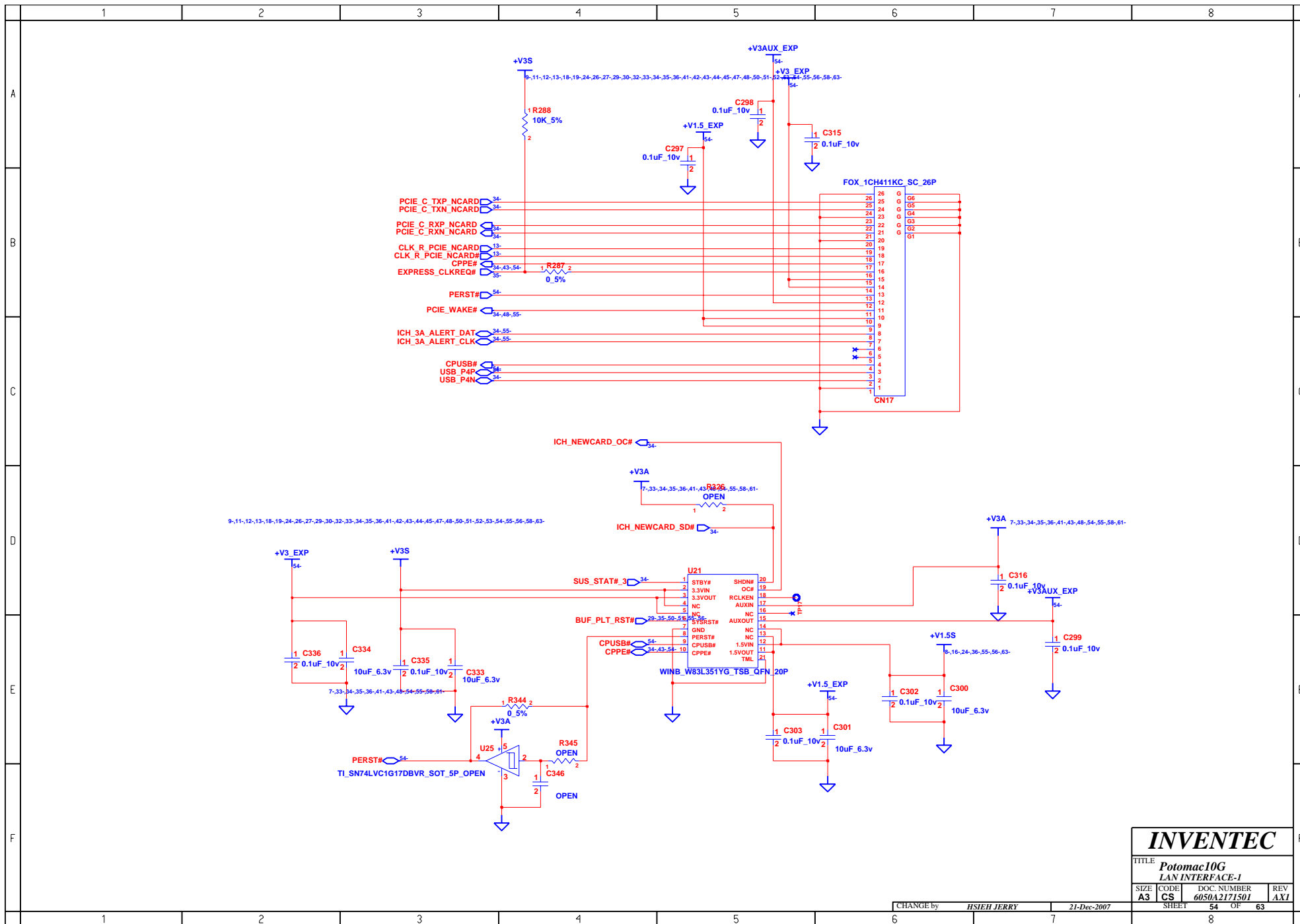
INVENTEC

TITLE
Potomac10G

SIZE CODE DOC. NUMBER REV
A3 CS 6050A2171501 AX1

SHEET 53 OF 63

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



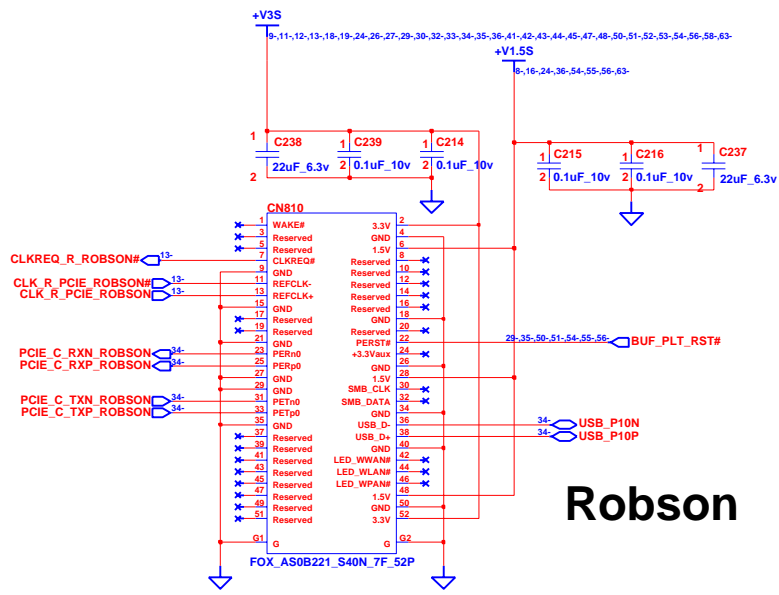
INVENTEC

TITLE
Potomac10G
LAN INTERFACE-1

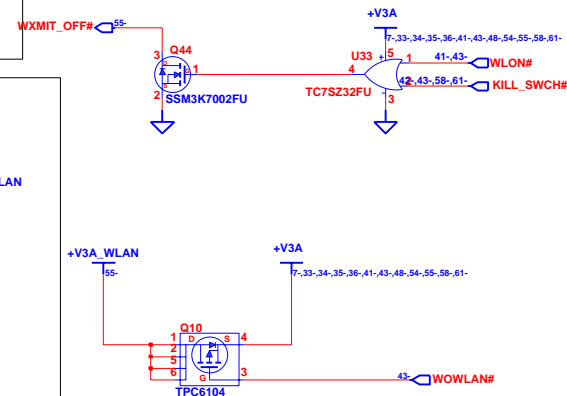
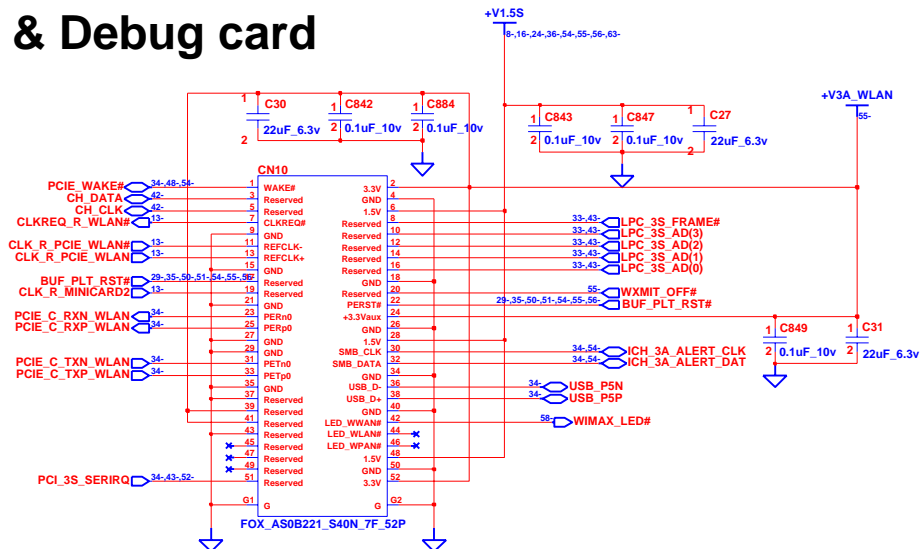
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

CHANGE by HSEH JERRY 21-Dec-2007

SHEET 54 OF 63



Wireless & Debug card



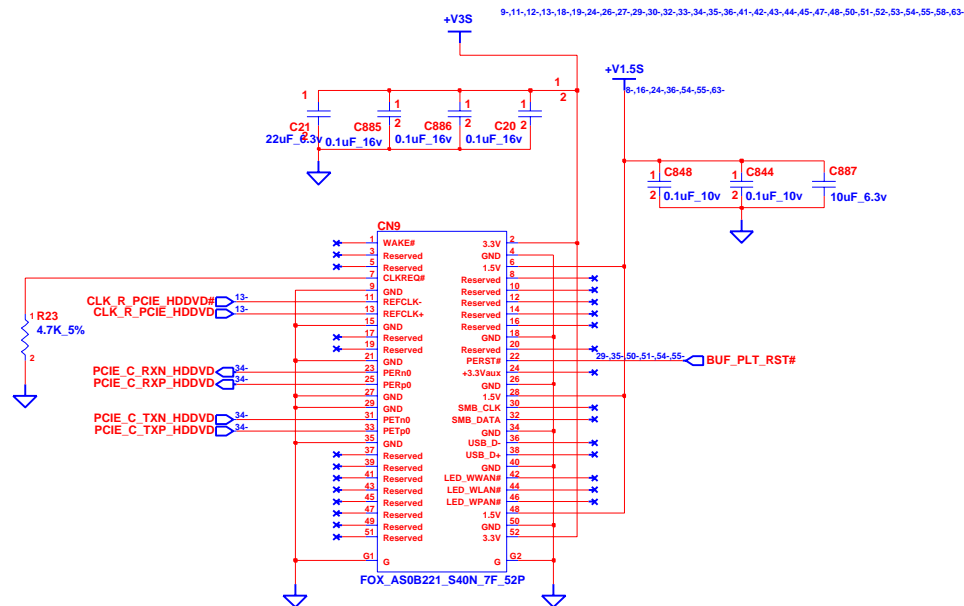
INVENTEC

TITLE Potomac10G MINI CARD & SIM			
SIZE A3	CODE CS	DOC. NUMBER 6050A2171501	REV AX1

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

SHEET 55 OF 63

HD-DVD Bordcom



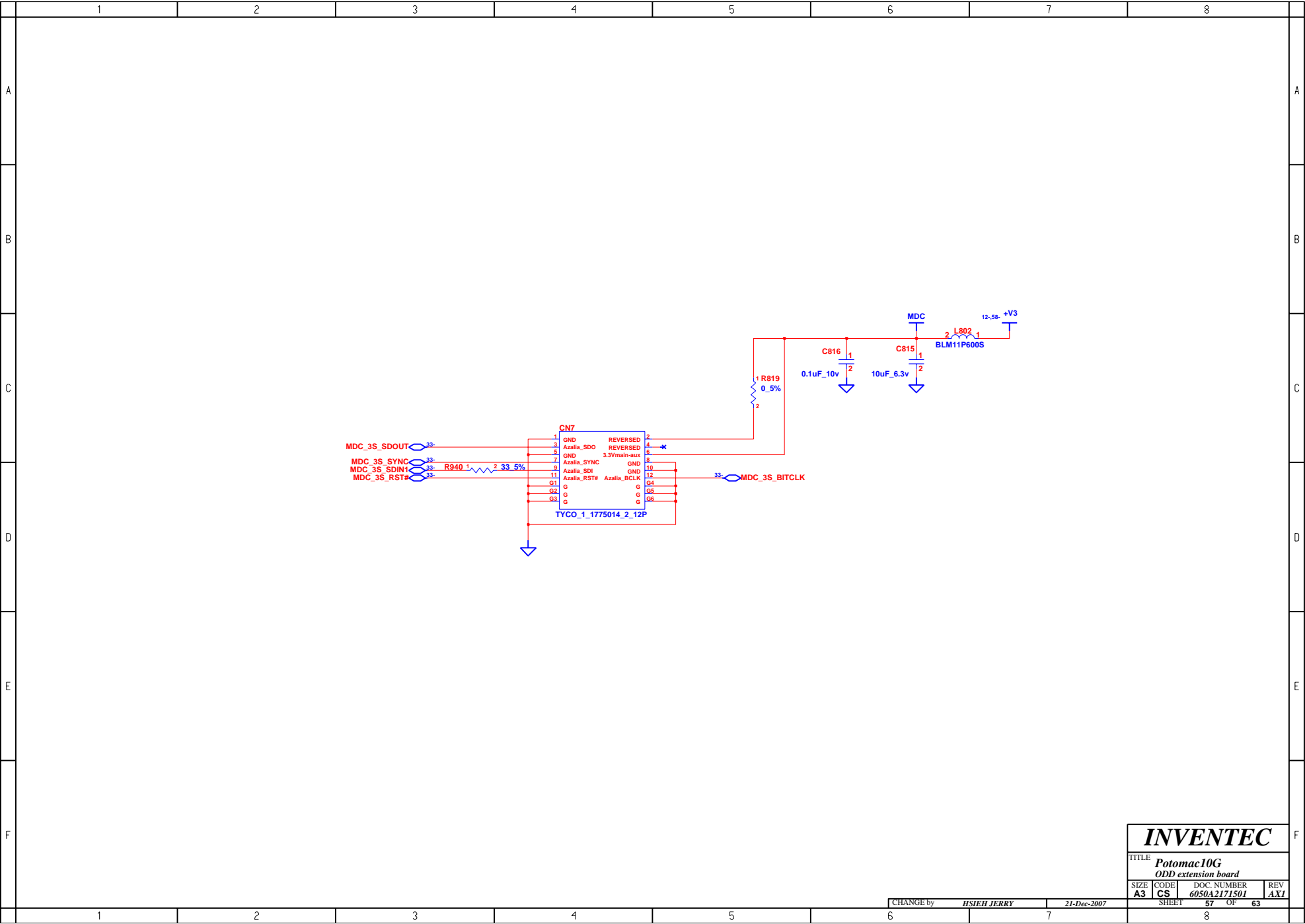
INVENTEC

TITLE
Potomac10G

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AXI

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

SHEET 56 OF 63

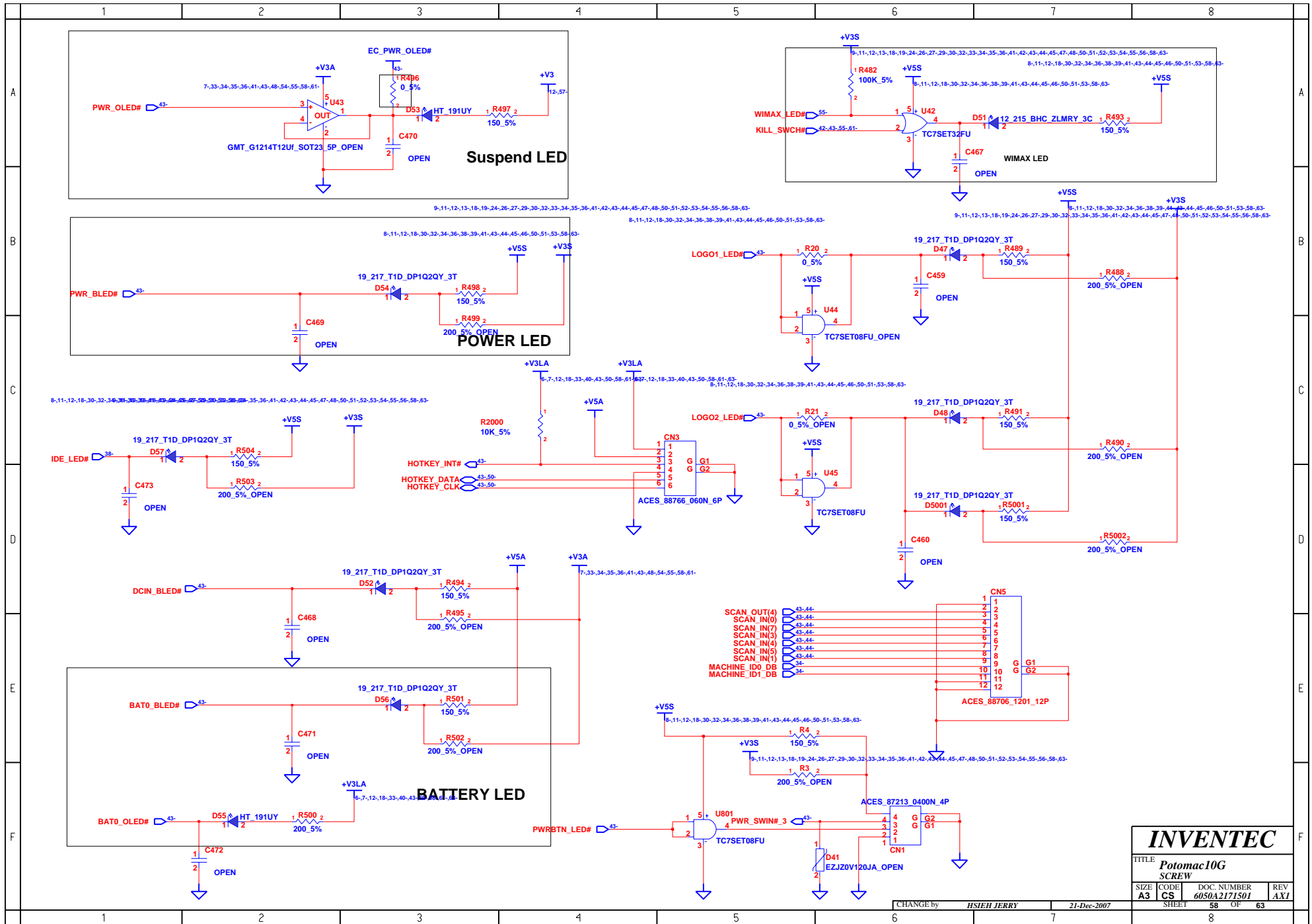


INVENTEC

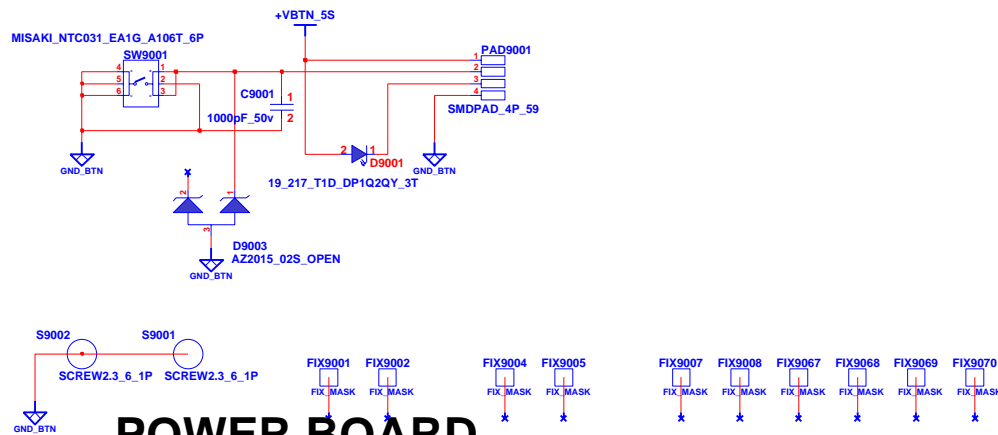
TITLE			
Potomac10G			
ODD extension board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2171501	AX1

CHANGE by HSEH JERRY 21-Dec-2007

SHEET 57 OF 63

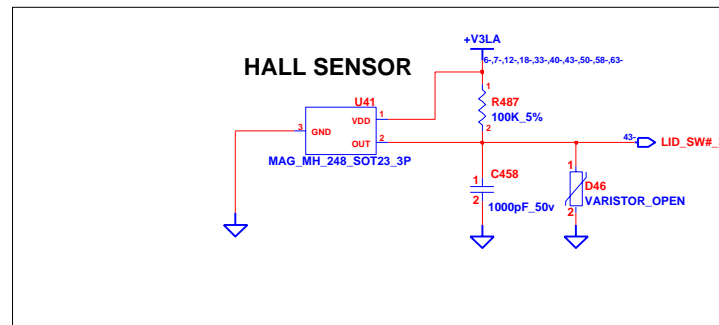
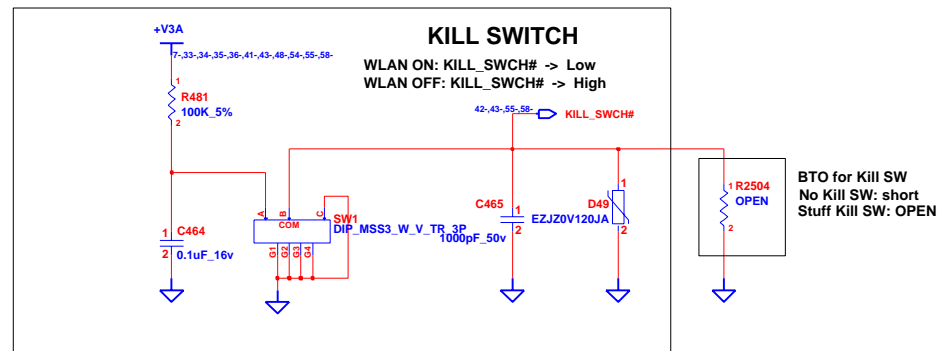


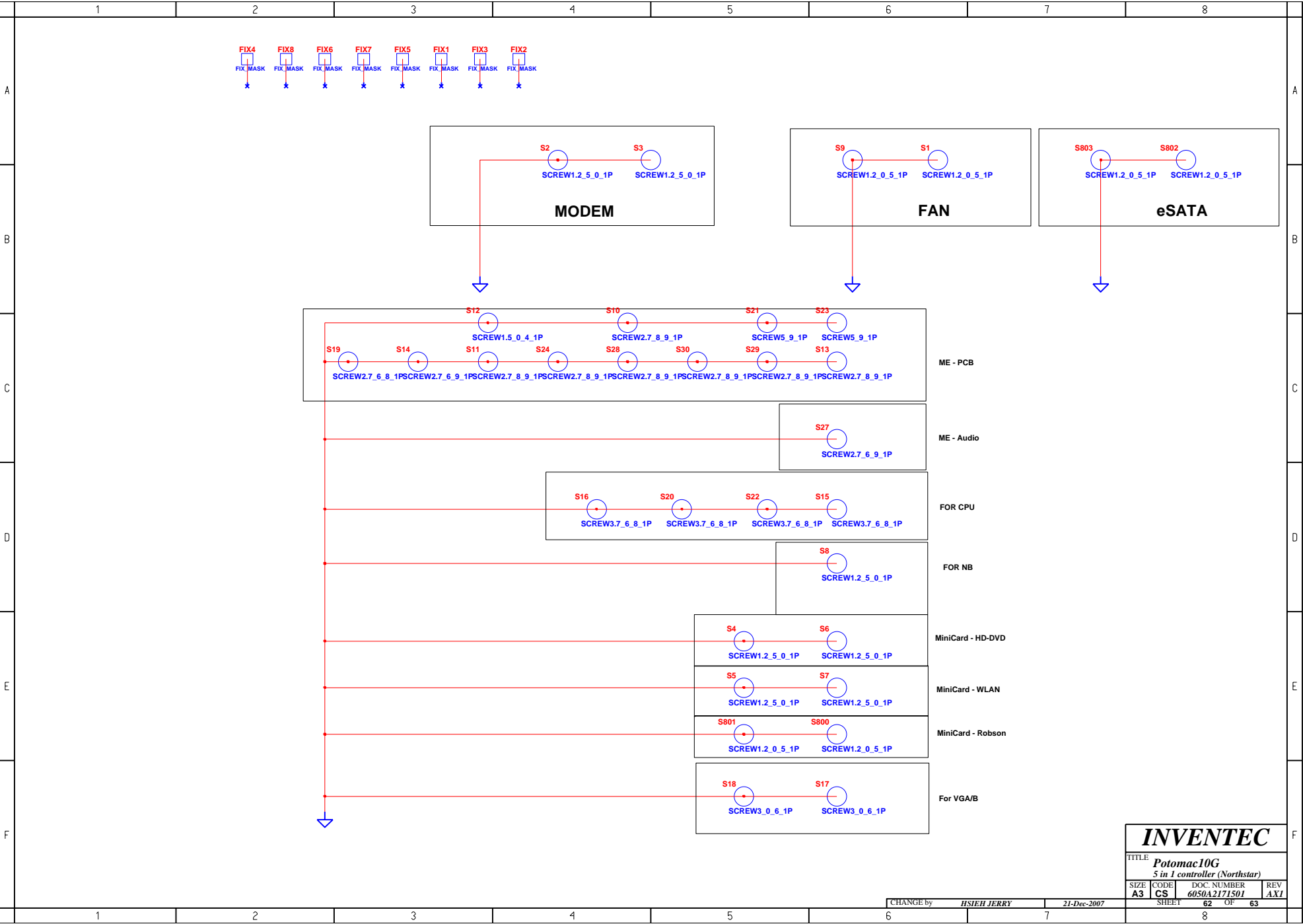
POWER BOARD

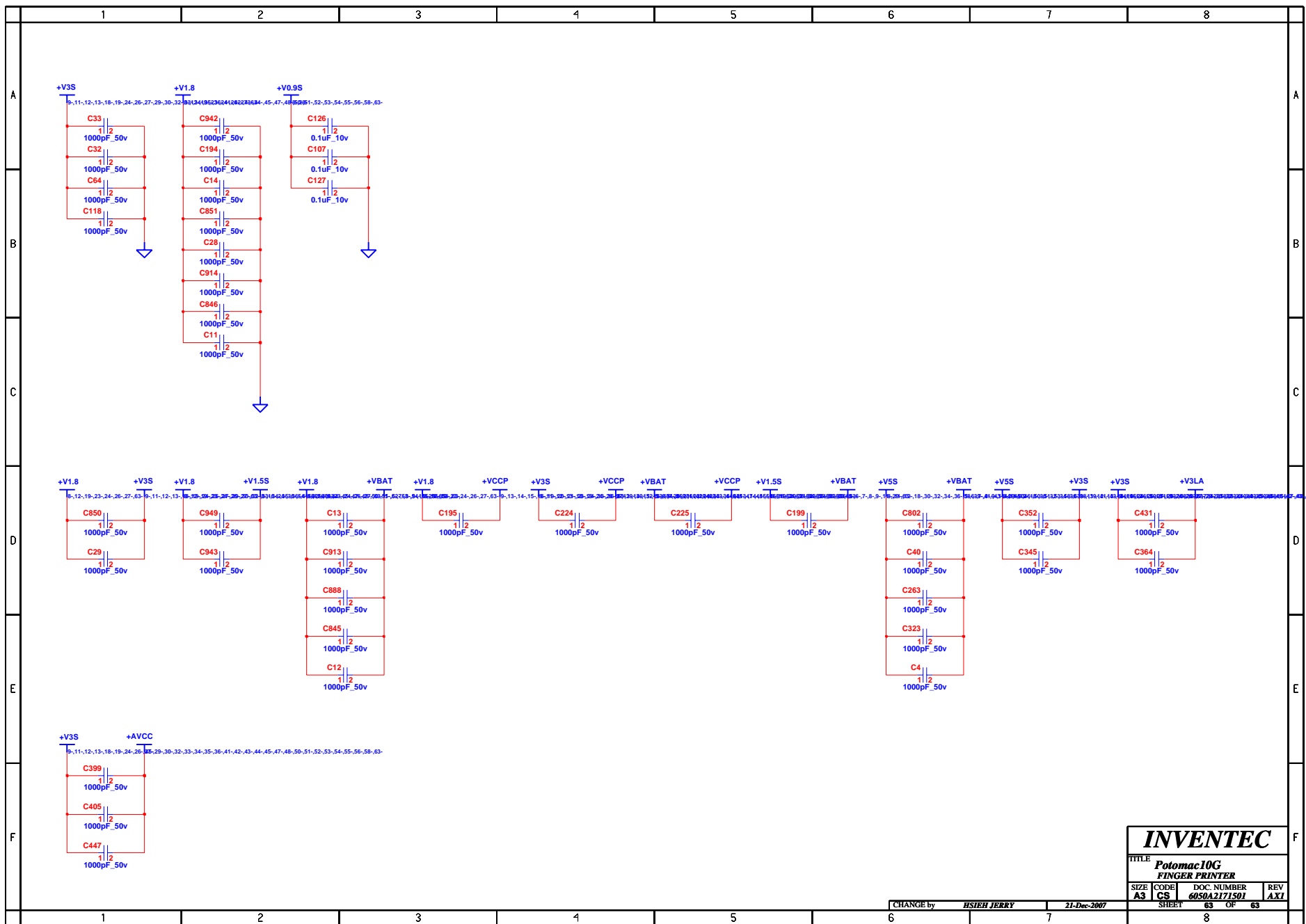


POWER BOARD

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







INVENTEC			
TITLE Potomac10G FINGER PRINTER			
SIZE A3	CODE CS	DOC NUMBER 6050A2171501	REV AX1
SHEET 63		OF 63	

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