

Sacramento 10S

Phoenix 10S

MP BUILD

2008 0123

DATE	CHANGENO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC		
DESIGN					TITLE		
CHECK					PS10S		
RESPONSIBLE							
SIZE = 3					SIZE	CODE	DOC. NUMBER
FILE NAME : XXXX-XXXXXX-XX					A3	CS	Model No
P/N	XXXXXXXXXXXX				SHEET	1	OF 63

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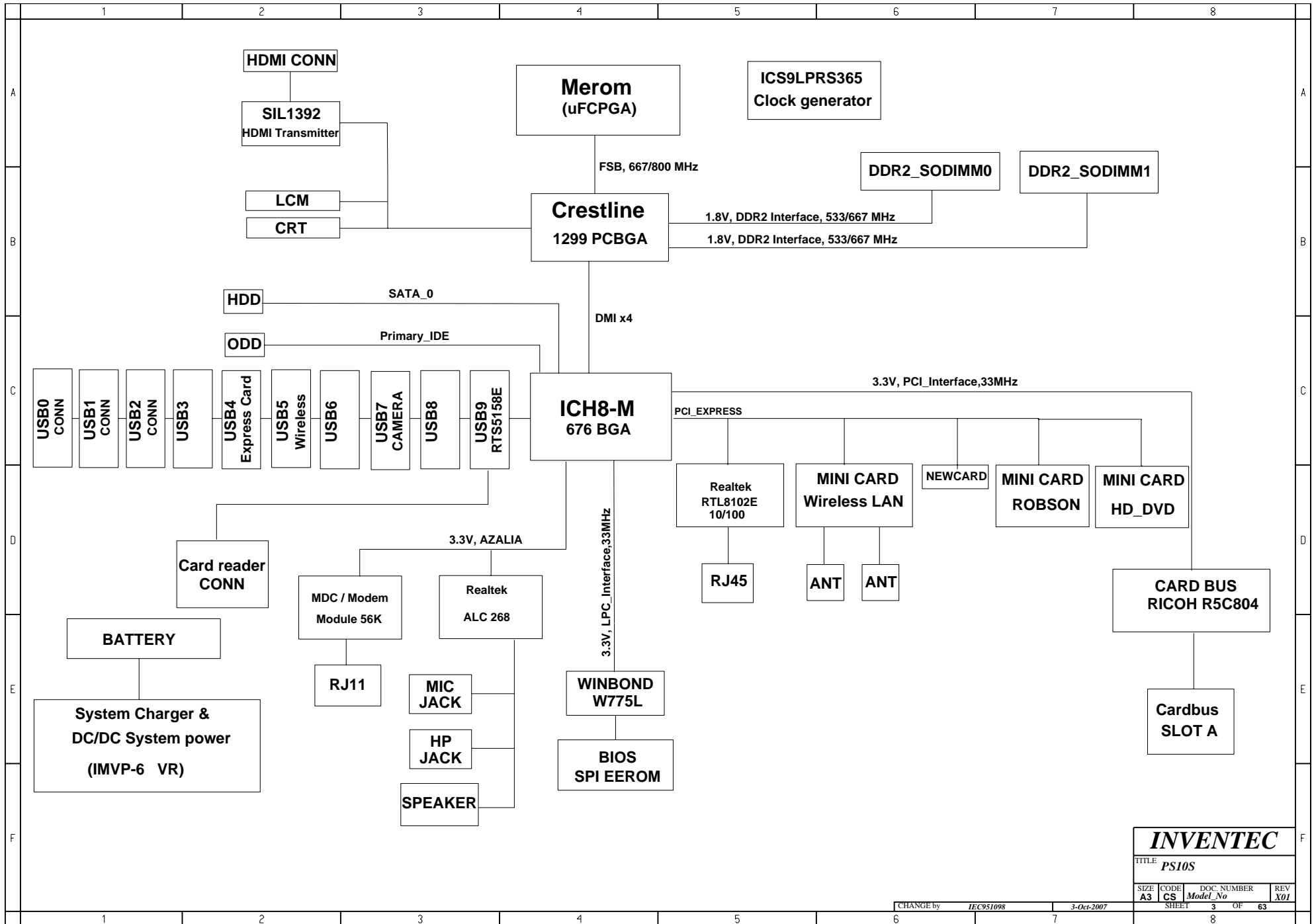
PAGE	PAGE	PAGE
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2.INDEX	34.S/B ICH8 1	59.LED(M/B) & HOTKEY/B CONN
3.BLOCK DIAGRAM	35.S/B ICH8 2	60.PICK BUTTON BOARD
4.POWER SEQUENCE BLOCK	36.S/B ICH8 3	61.KILL SWITCH& HALL SENSOR
5-12.SYSTEM POWER	37.S/B ICH8 4	62.DRILL HOLE
13.CLOCK GENERATOR	38.S/B ICH8 5	63.EMI
14.CPU Merom1	40.3 IN 1 CARD SLOT	
15.CPU Merom2	41.CARDBUS CONTROLLER	
16.CPU Merom3	42.PCMCIA CONN	
17.CPU Merom4		
18.FAN & THERMAL CONTROLLER	43.EXPRESS CARD CONN	
19.N/B Crestline 1	44.LAN CONTROLLER	
20.N/B Crestline 2	45.RJ45 & TRANSFORMER	
21.N/B Crestline 3	46.ROBSON & WLAN	
22.N/B Crestline 4	47.SATA HDD1 CONN	
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25.N/B Crestline 7	50.USB CONN	
26.DDR2 DIMM0	51. N/A	
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28.DDR DAMPING	53.KBC	
29.N/A	54.K/B & TP/B CONN	
30.CRT CONN	55.HDMI CONN	
31.N/A	56.AZALIA CODEC	
32.LCM CONN	57.AUDIO AMP & MIC & HP	

INVENTEC

TITLE *PS10S*

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		2	OF 63

CHANGE by *IEC951098* 28-Aug-2007

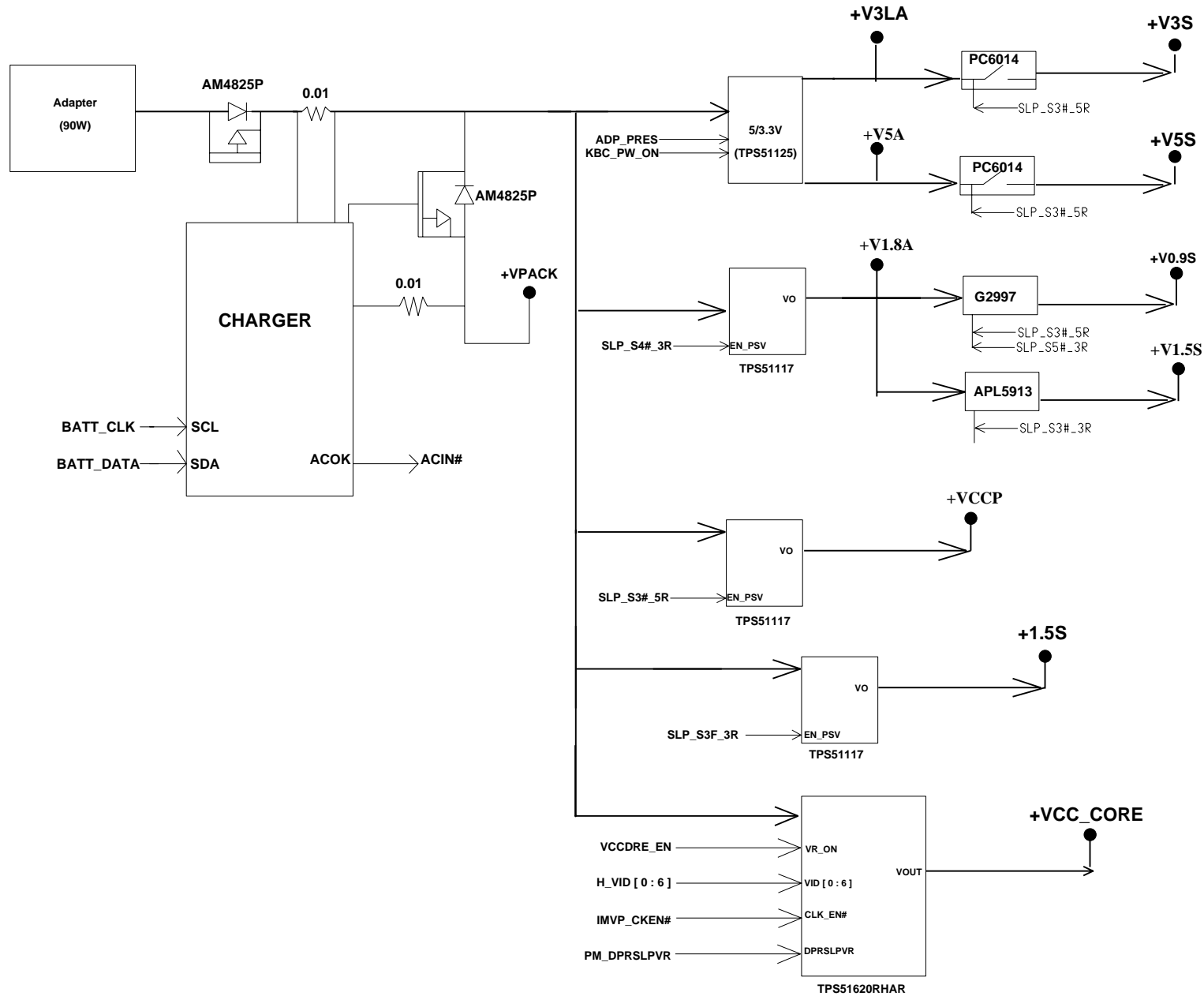


INVENTEC

TITLE **PS10S**

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		3	OF 63

CHANGE by **IEC951098** 3-Oct-2007

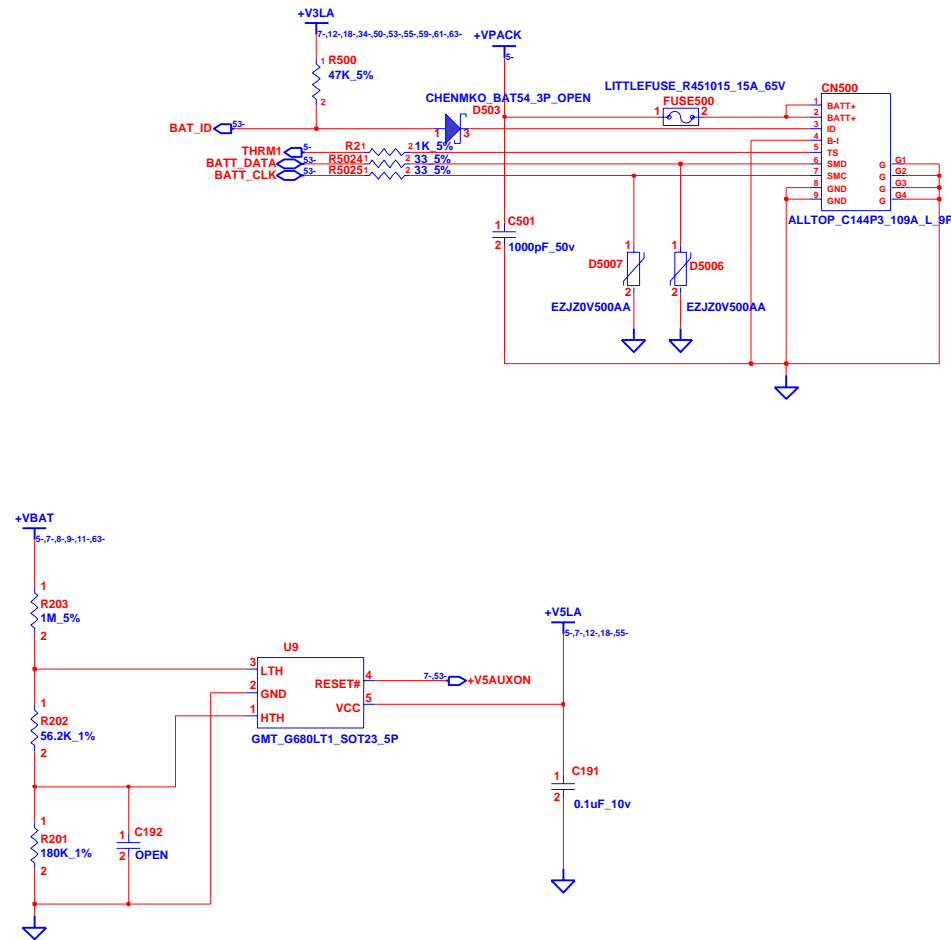


INVENTEC

TITLE
PS10S

SIZE A3	CODE CS	DOC. NUMBER <i>Model_No</i>	REV X01
SHEET 4		OF 63	

CHANGE by **IEC951098** 29-Nov-2007

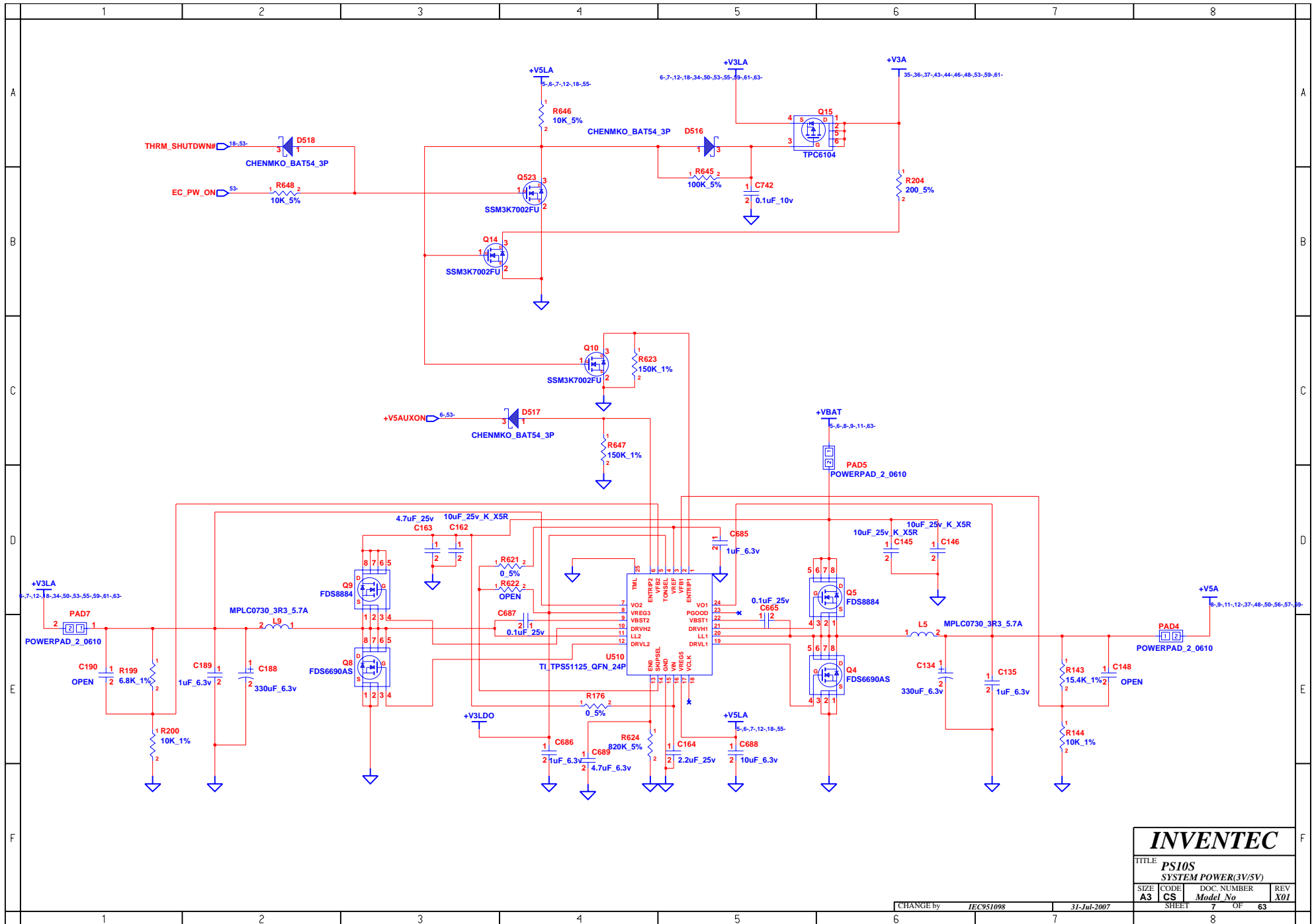


INVENTEC

TITLE			
PS10S BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 31-Jul-2007

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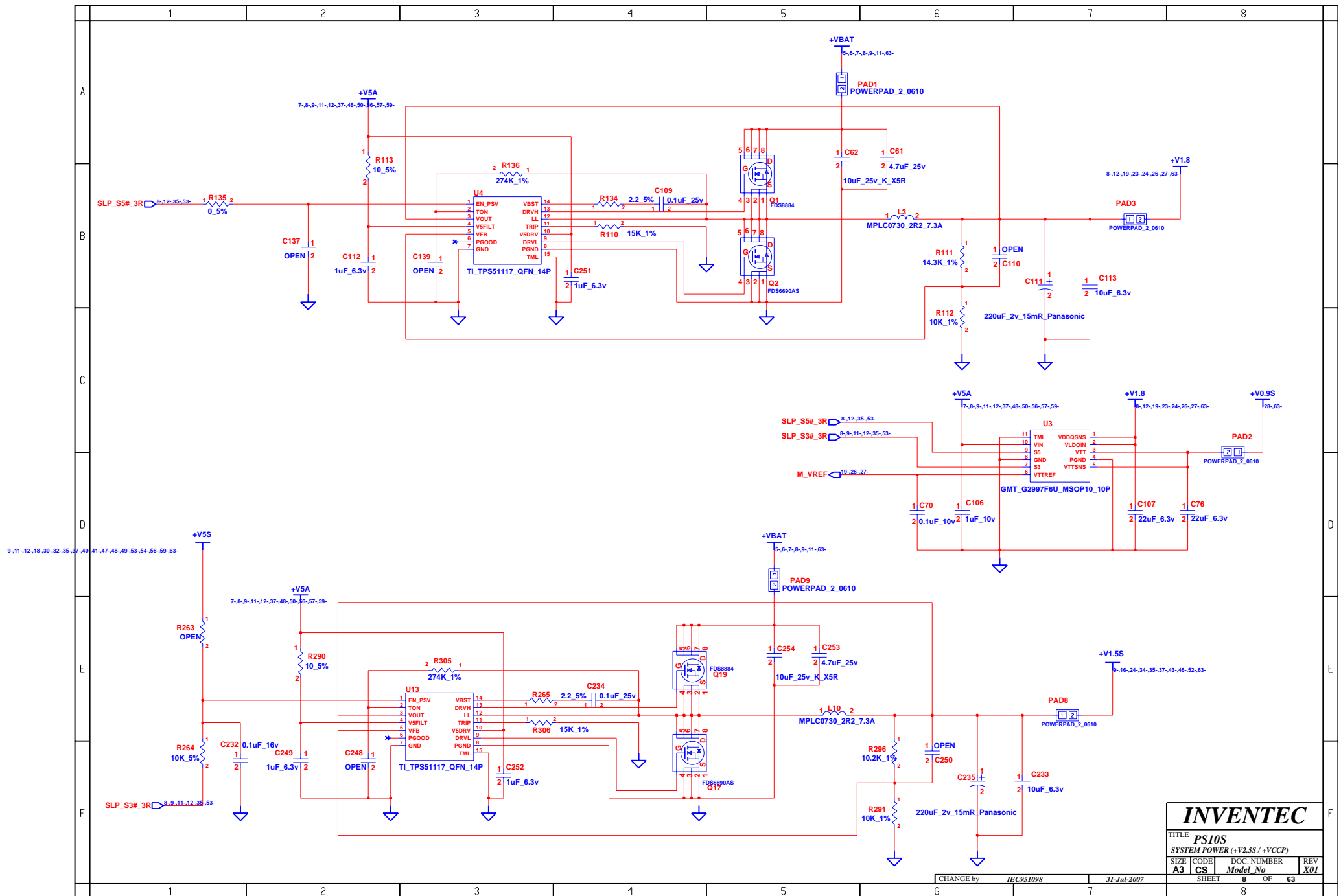
INVENTEC

TITLE PS10S SYSTEM POWER(3V/5V)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01

CHANGE by **IEC951098**

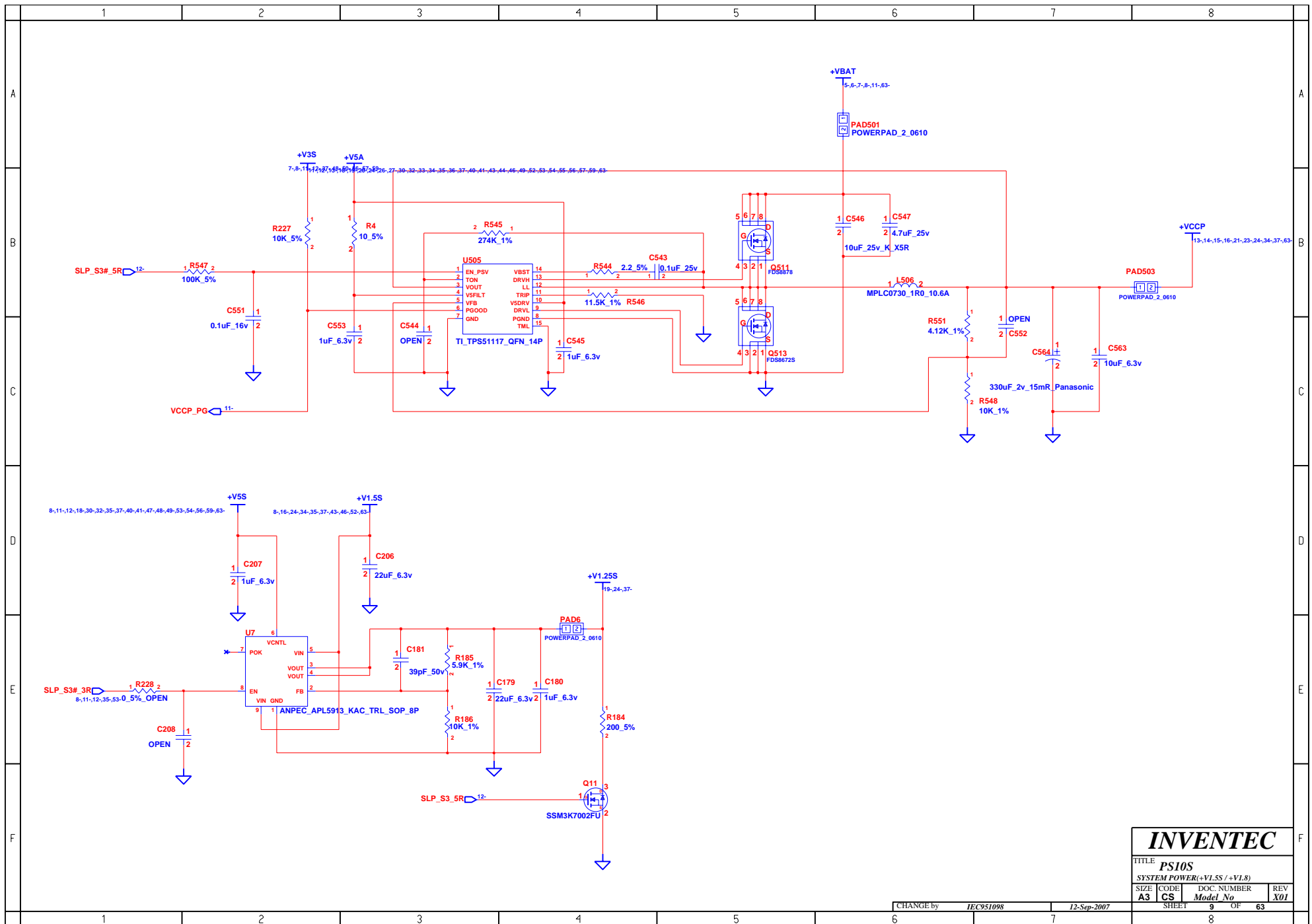
31-Jul-2007

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INVENTEC			
TITLE PS10S			
SYSTEM POWER (+V2.5S / +VCCP)			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01

CHANGE by IEC91098	31-Jul-2007	SHEET 8 OF 63
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INVENTEC

TITLE			
PS10S			
SYSTEM POWER(+V1.5S / +VL8)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098

12-Sep-2007

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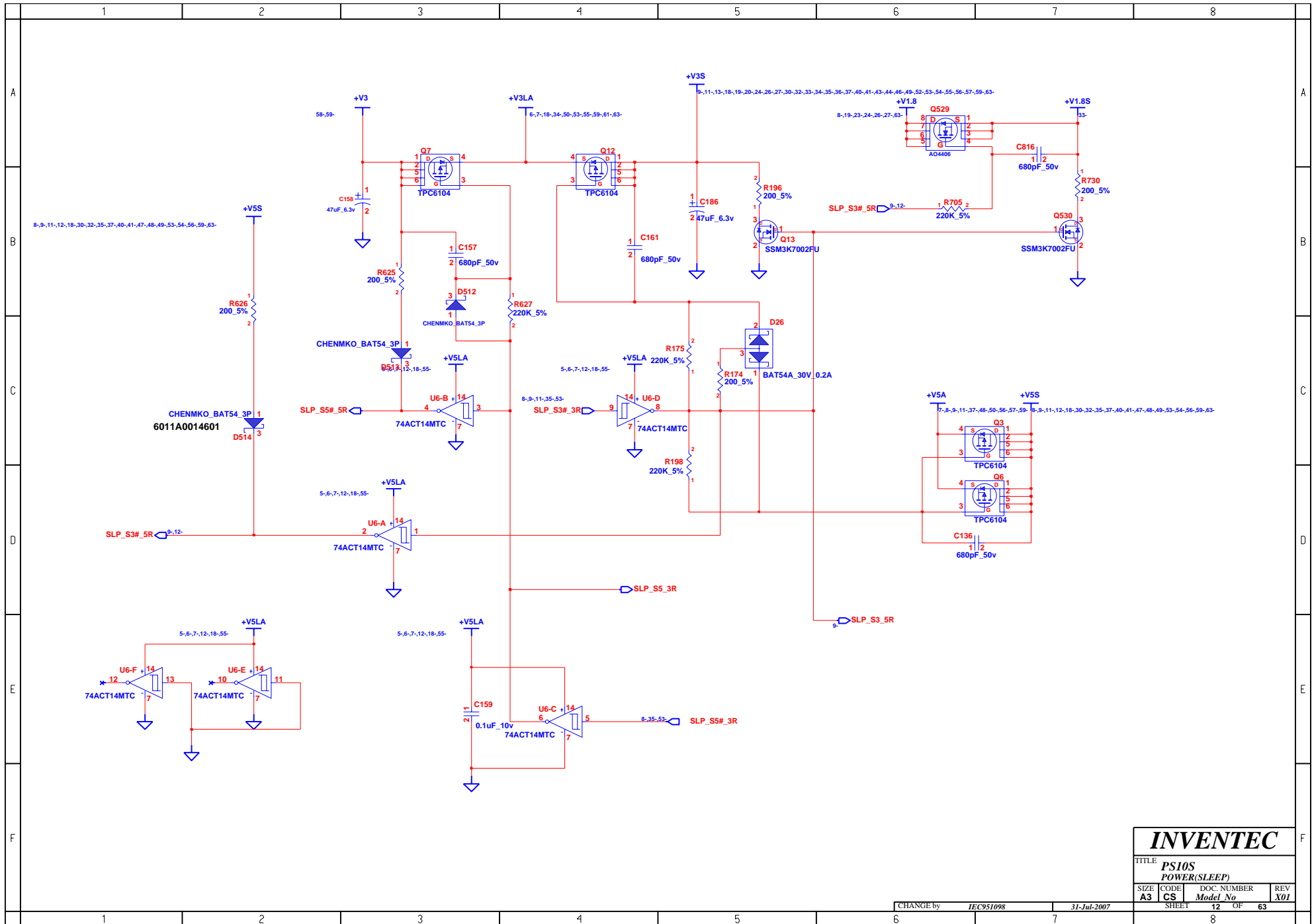
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INVENTEC

TITLE			
PS10S			
CPU POWER(VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 30-Nov-2007

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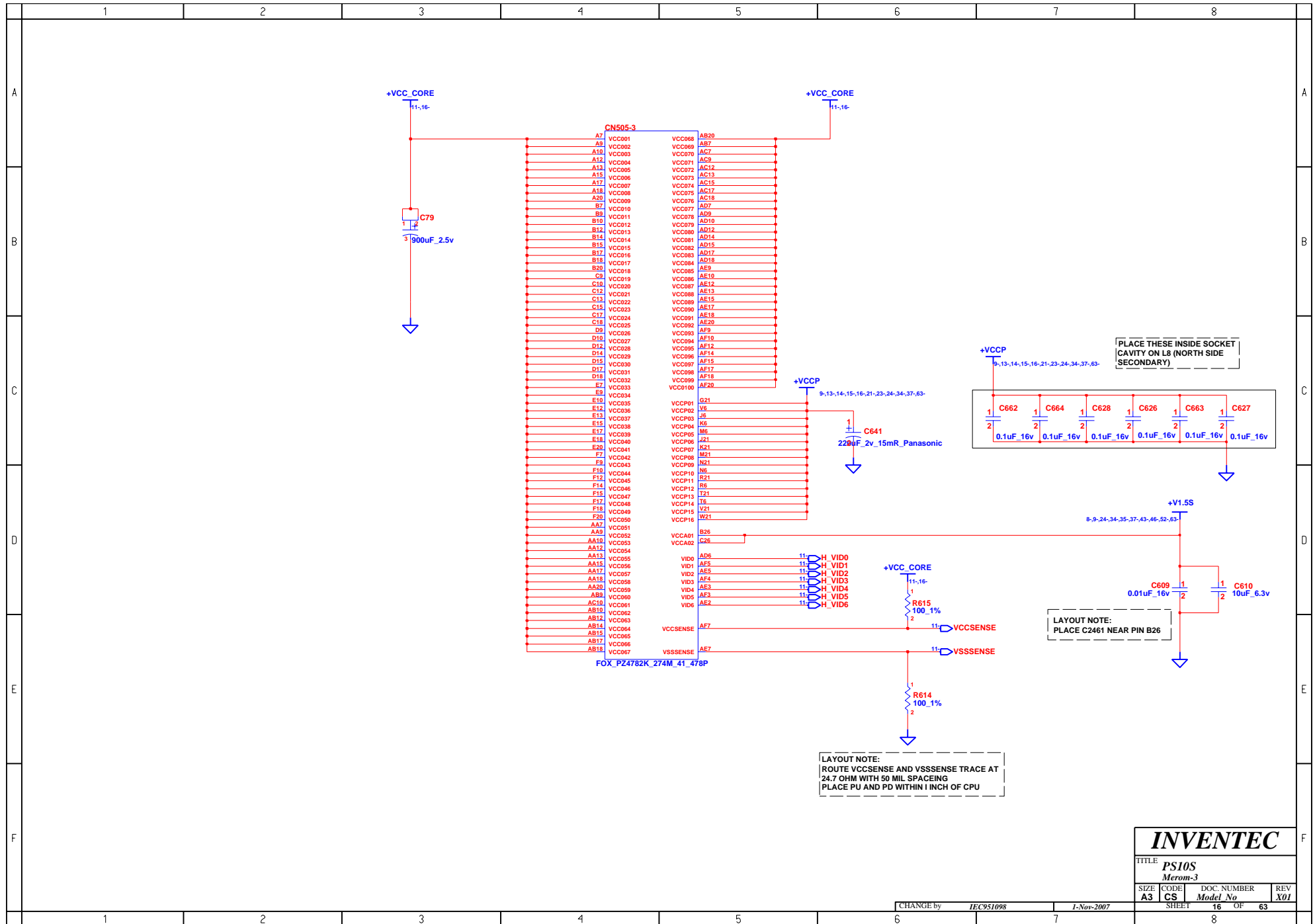


INVENTEC

TITLE			
PS10S			
POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 31-Jul-2007

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INVENTEC

TITLE
PS10S
Merom-3

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098

1-Nov-2007

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CN505-4

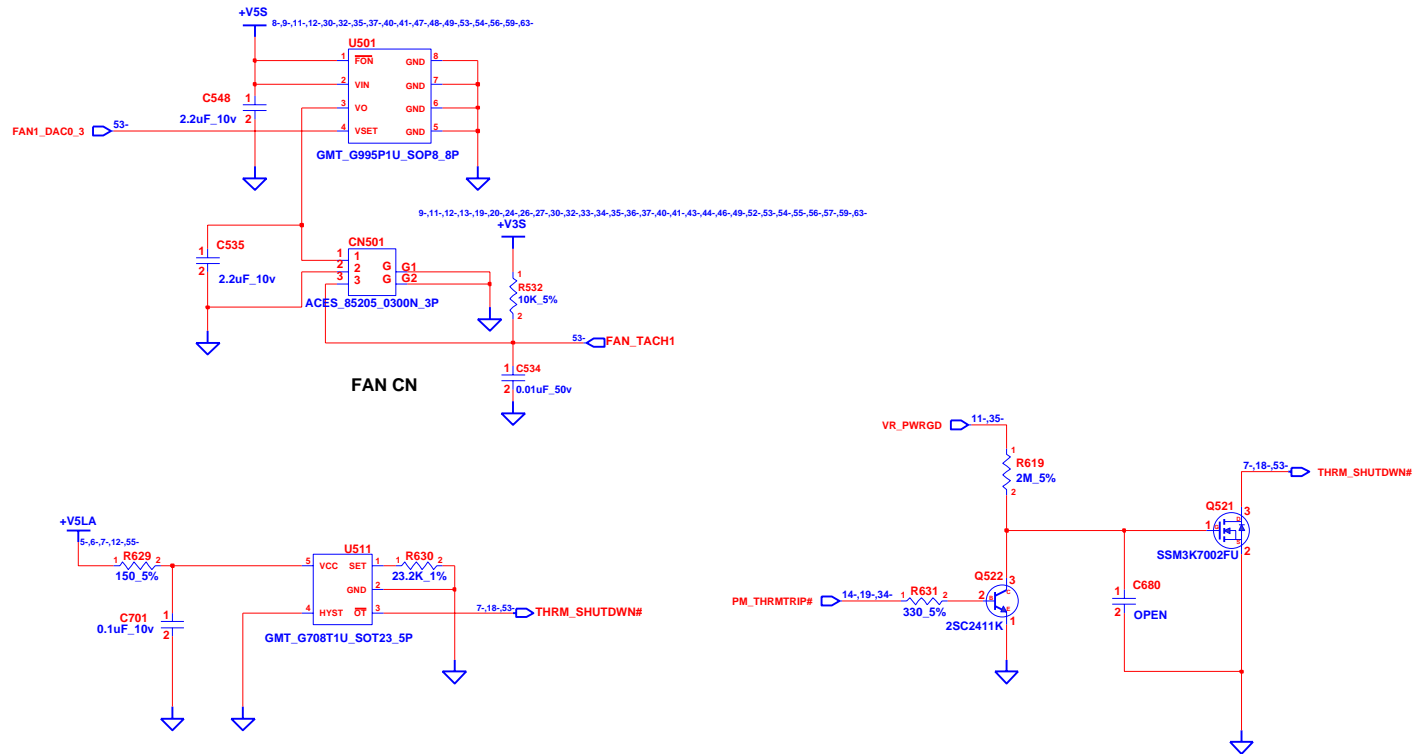
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A16	VSS005	VSS086	R5
A19	VSS006	VSS087	R22
A23	VSS007	VSS088	R25
A27	VSS008	VSS089	T1
B6	VSS009	VSS090	T4
B8	VSS010	VSS091	T23
B11	VSS011	VSS092	T26
B13	VSS012	VSS093	U3
B16	VSS013	VSS094	U6
B19	VSS014	VSS095	U21
B21	VSS015	VSS096	U24
B24	VSS016	VSS097	V2
C5	VSS017	VSS098	V5
C8	VSS018	VSS099	V22
C11	VSS019	VSS100	V25
C14	VSS020	VSS101	W1
C16	VSS021	VSS102	W4
C19	VSS022	VSS103	W23
C2	VSS023	VSS104	W26
C22	VSS024	VSS105	Y3
C25	VSS025	VSS106	Y6
D1	VSS026	VSS107	Y21
D4	VSS027	VSS108	Y24
D8	VSS028	VSS109	AA2
D11	VSS029	VSS110	AA5
D13	VSS030	VSS111	AA8
D16	VSS031	VSS112	AA11
D19	VSS032	VSS113	AA14
D23	VSS033	VSS114	AA16
D26	VSS034	VSS115	AA19
E3	VSS035	VSS116	AA22
E6	VSS036	VSS117	AA25
E8	VSS037	VSS118	AB1
E11	VSS038	VSS119	AB4
E14	VSS039	VSS120	AB8
E16	VSS040	VSS121	AB11
E19	VSS041	VSS122	AB13
E21	VSS042	VSS123	AB16
E24	VSS043	VSS124	AB19
F3	VSS044	VSS125	AB23
F8	VSS045	VSS126	AB25
F11	VSS046	VSS127	AC3
F13	VSS047	VSS128	AC6
F16	VSS048	VSS129	AC8
F19	VSS049	VSS130	AC11
F2	VSS050	VSS131	AC14
F22	VSS051	VSS132	AC16
F25	VSS052	VSS133	AC19
G4	VSS053	VSS134	AC21
G1	VSS054	VSS135	AC24
G23	VSS055	VSS136	AD2
G26	VSS056	VSS137	AD5
H3	VSS057	VSS138	AD8
H6	VSS058	VSS139	AD11
H21	VSS059	VSS140	AD13
H24	VSS060	VSS141	AD16
J2	VSS061	VSS142	AD19
J5	VSS062	VSS143	AD22
J22	VSS063	VSS144	AD25
J25	VSS064	VSS145	AE1
K1	VSS065	VSS146	AE4
K4	VSS066	VSS147	AE8
K23	VSS067	VSS148	AE11
K26	VSS068	VSS149	AE14
L3	VSS069	VSS150	AE16
L6	VSS070	VSS151	AE19
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L24	VSS072	VSS153	AE25
M2	VSS073	VSS154	A2
M5	VSS074	VSS155	AF8
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N1	VSS076	VSS157	AF11
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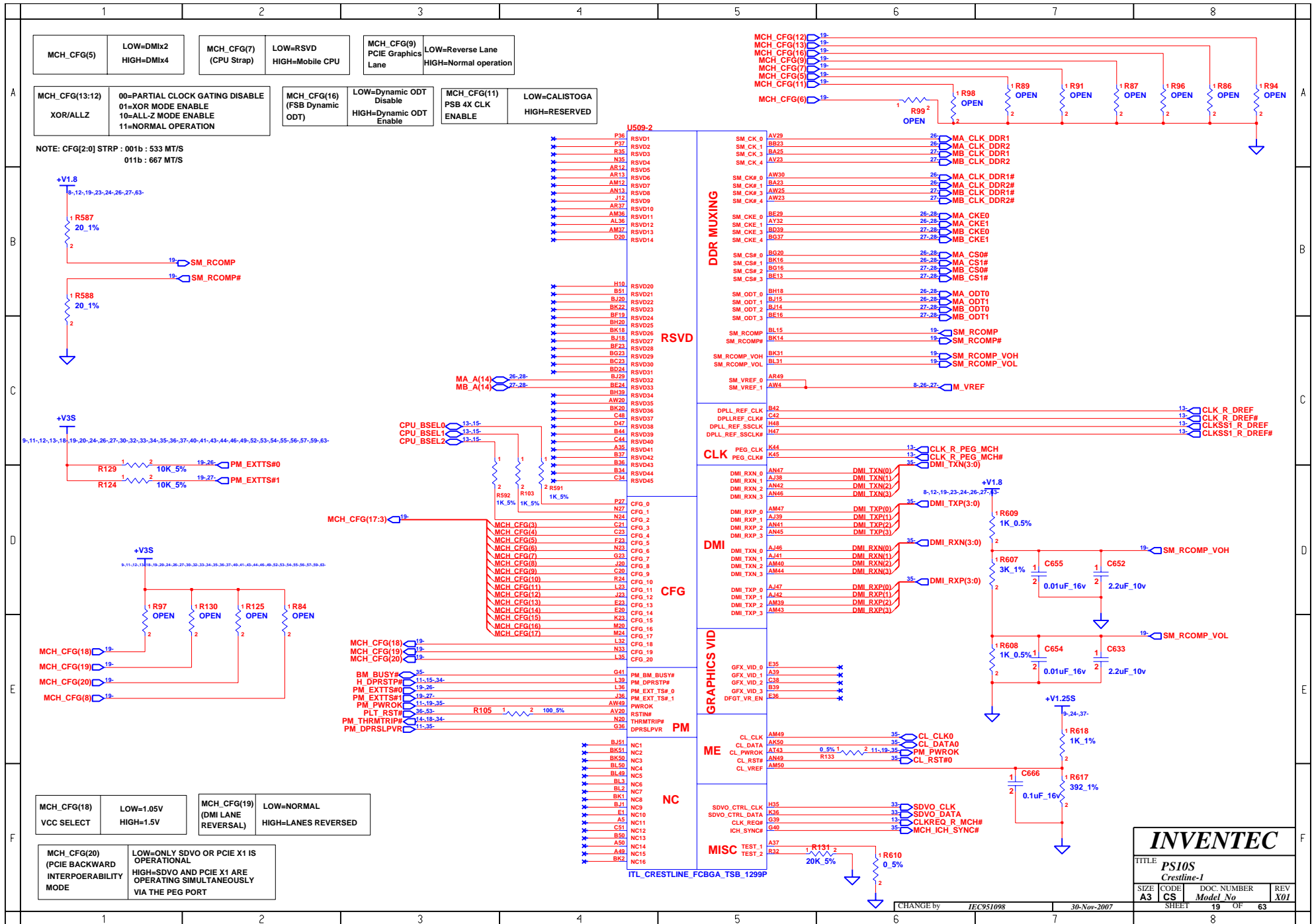
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Merom-4			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by IEC951098		31-Jul-2007	SHEET 17 OF 63

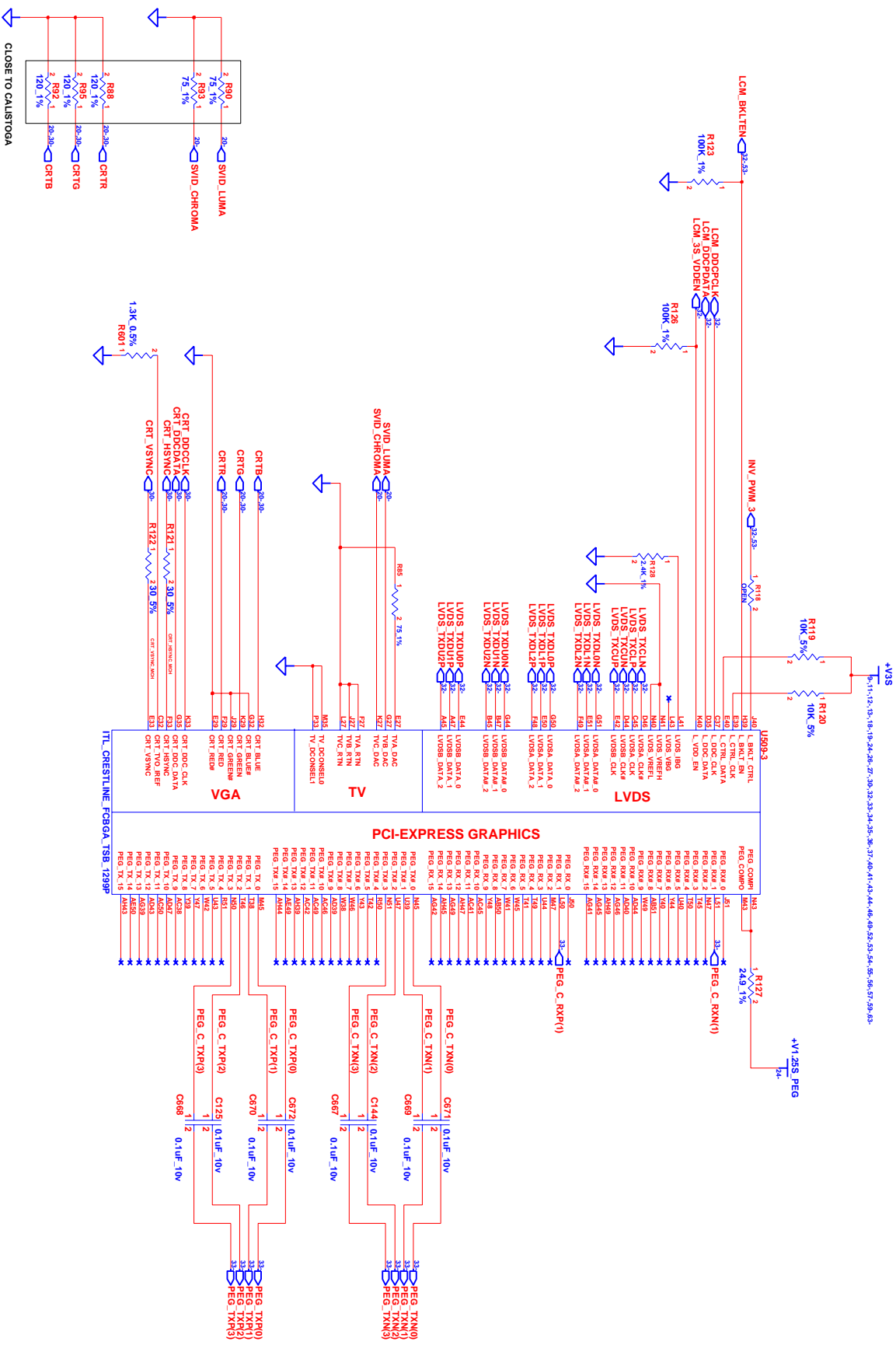
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TITLE			
PS10S			
Merom-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01



INVENTEC			
TITLE			
PS10S			
THERMAL&FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		29-Sep-2007	
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INVENTEC

PS105

Crestone-2

SIZE CODE

CS Model No

REV

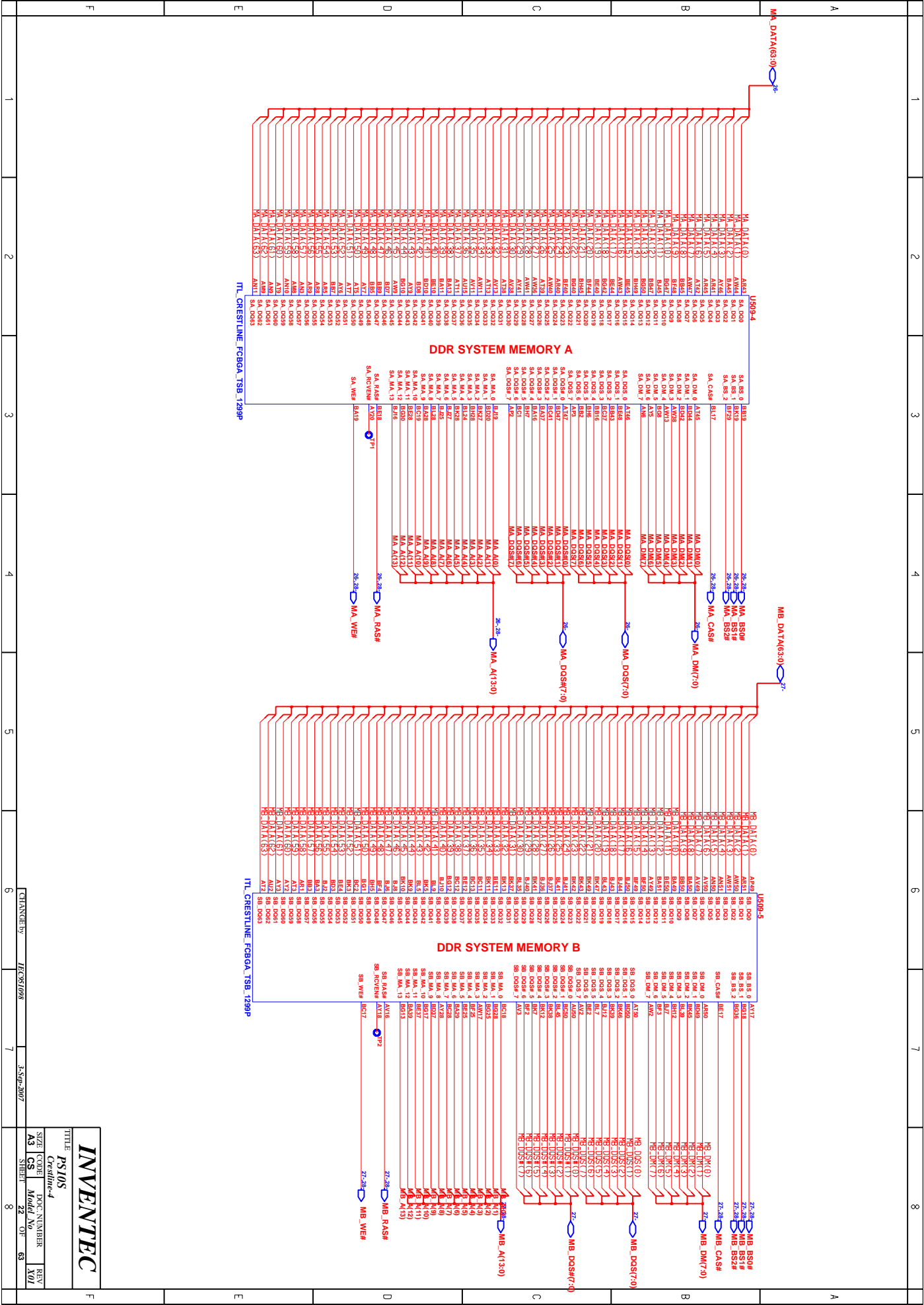
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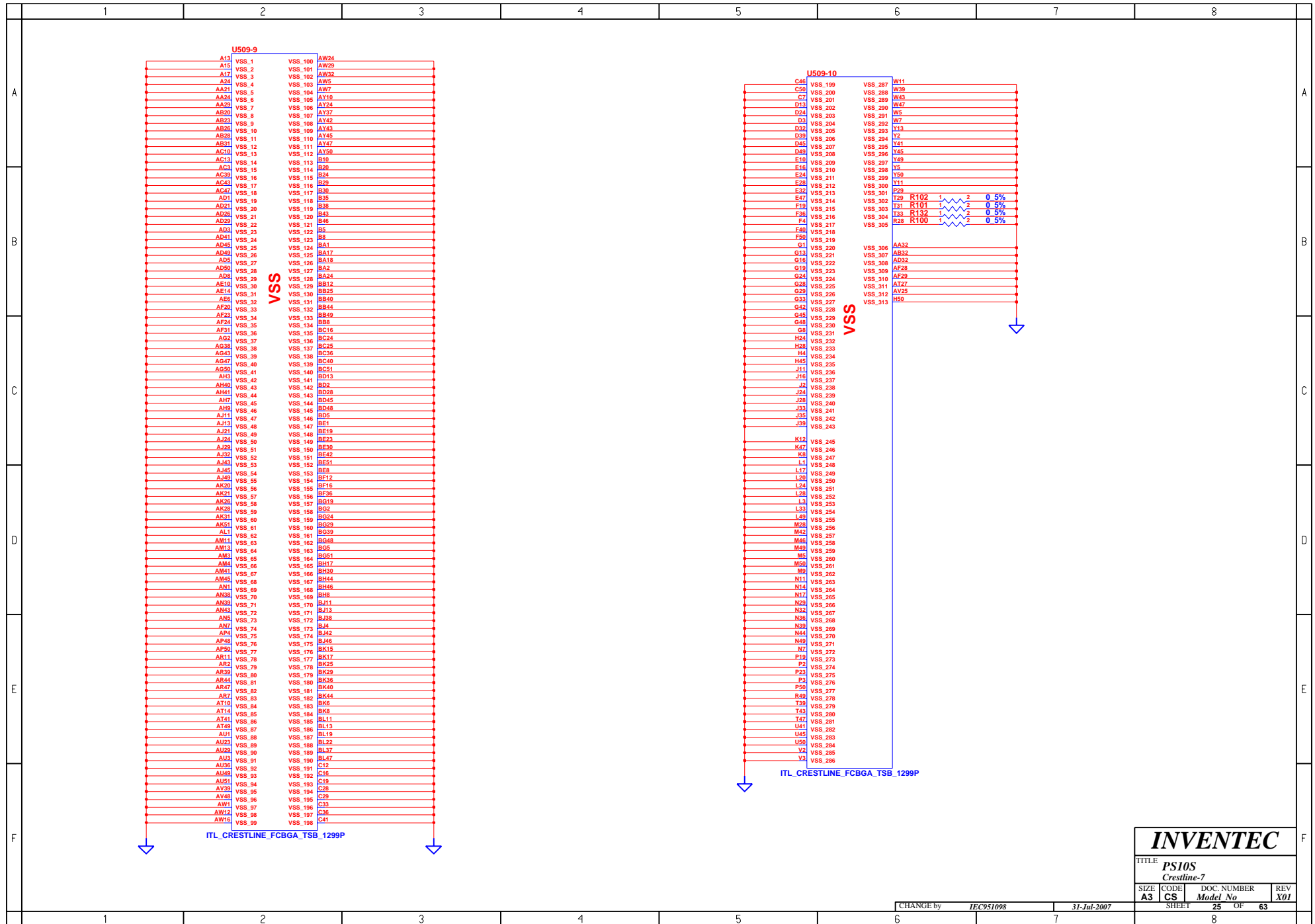
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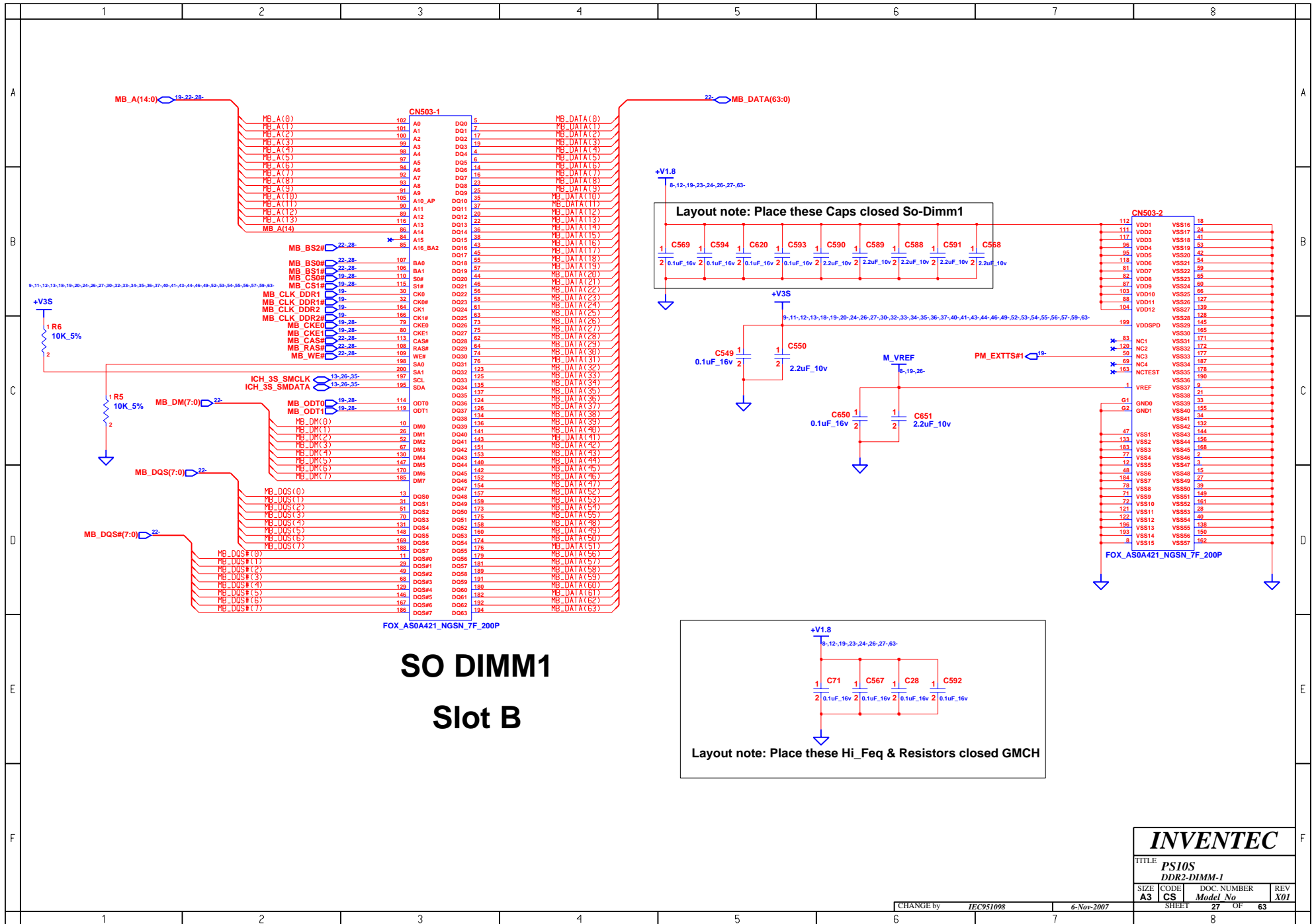
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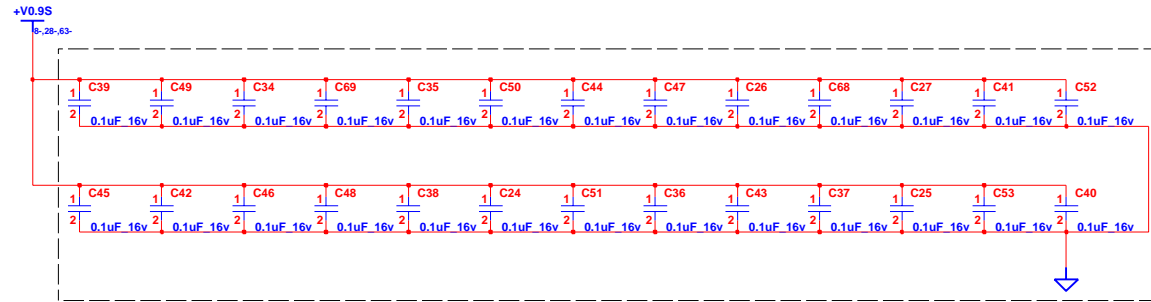
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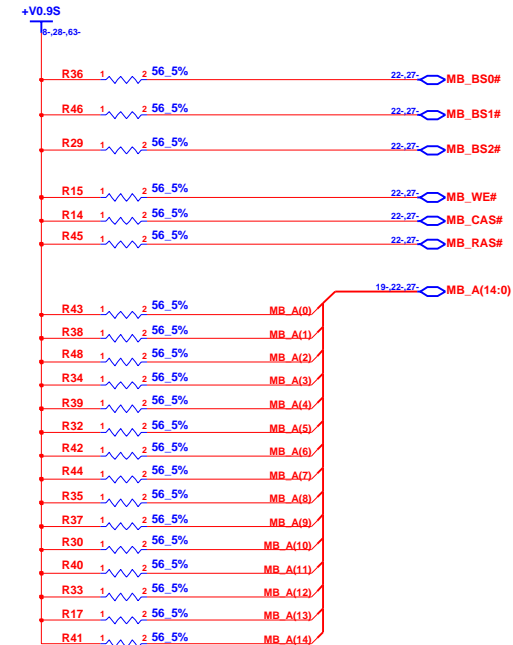
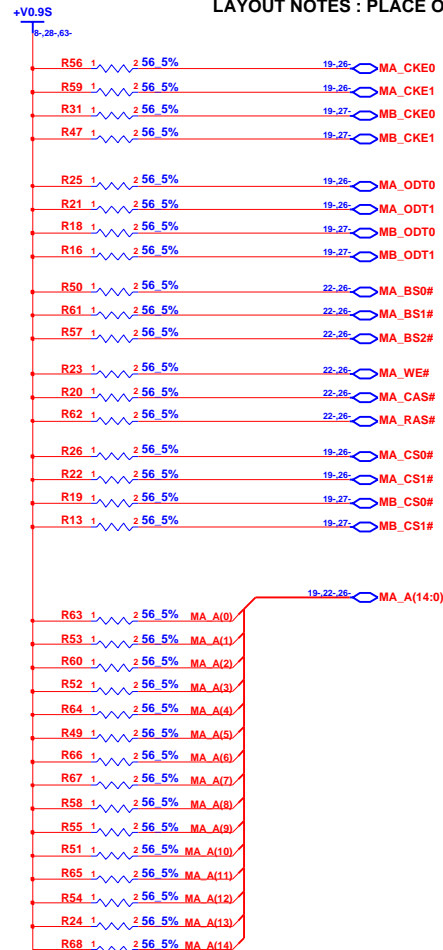








LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S

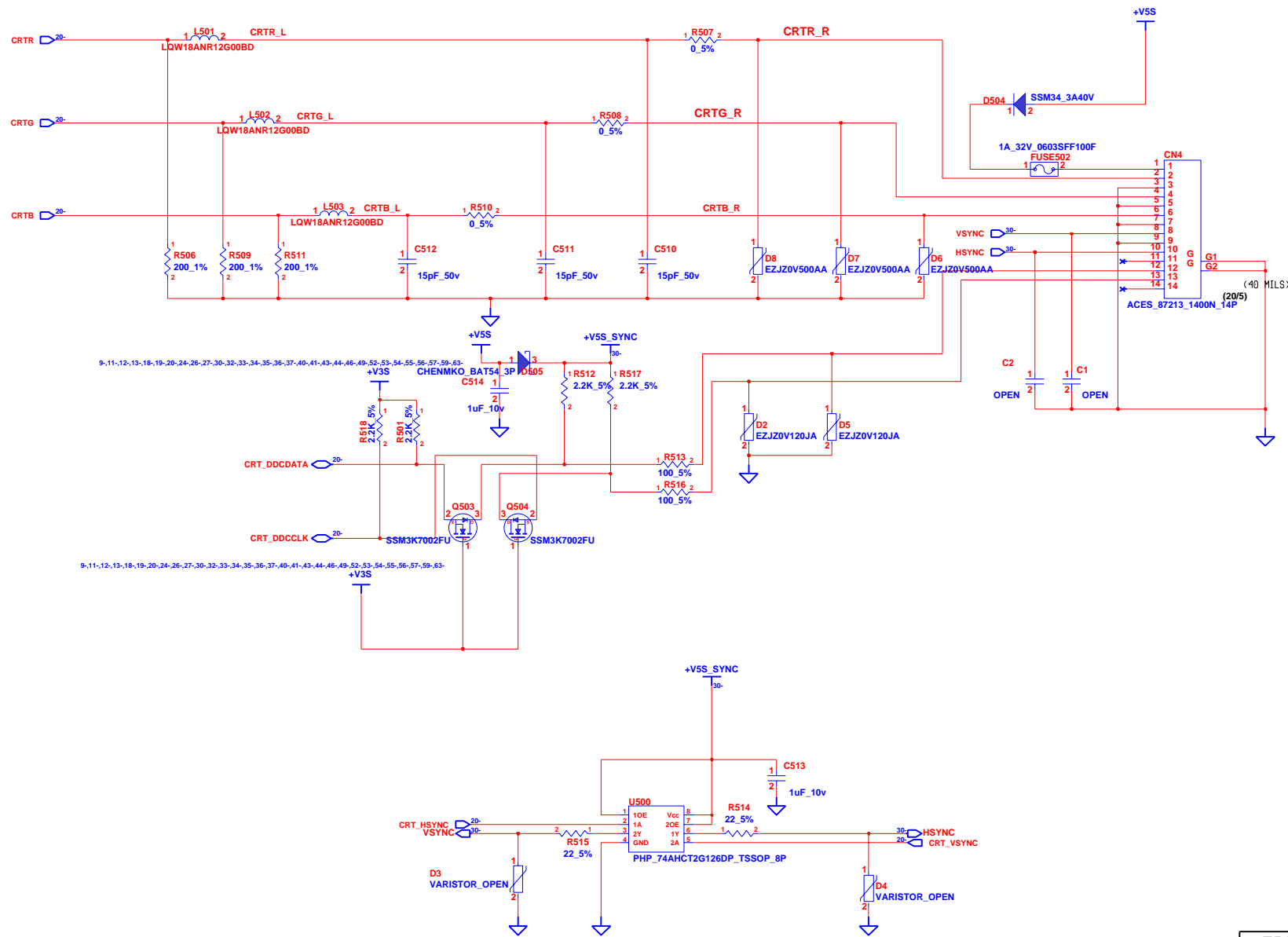


INVENTEC			
TITLE PS10S DDR2-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by IEC951098		31-Jul-2007	
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INVENTEC			
TITLE <i>PS10S</i> MXM CONN			
SIZE <i>A3</i>	CODE <i>CS</i>	DOC. NUMBER <i>Model No</i>	REV <i>X01</i>
SHEET		29	OF 63

CHANGE by *IEC951098* 30-Nov-2007



INVENTEC

TITLE			
PS10S RGB CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 1-Nov-2007

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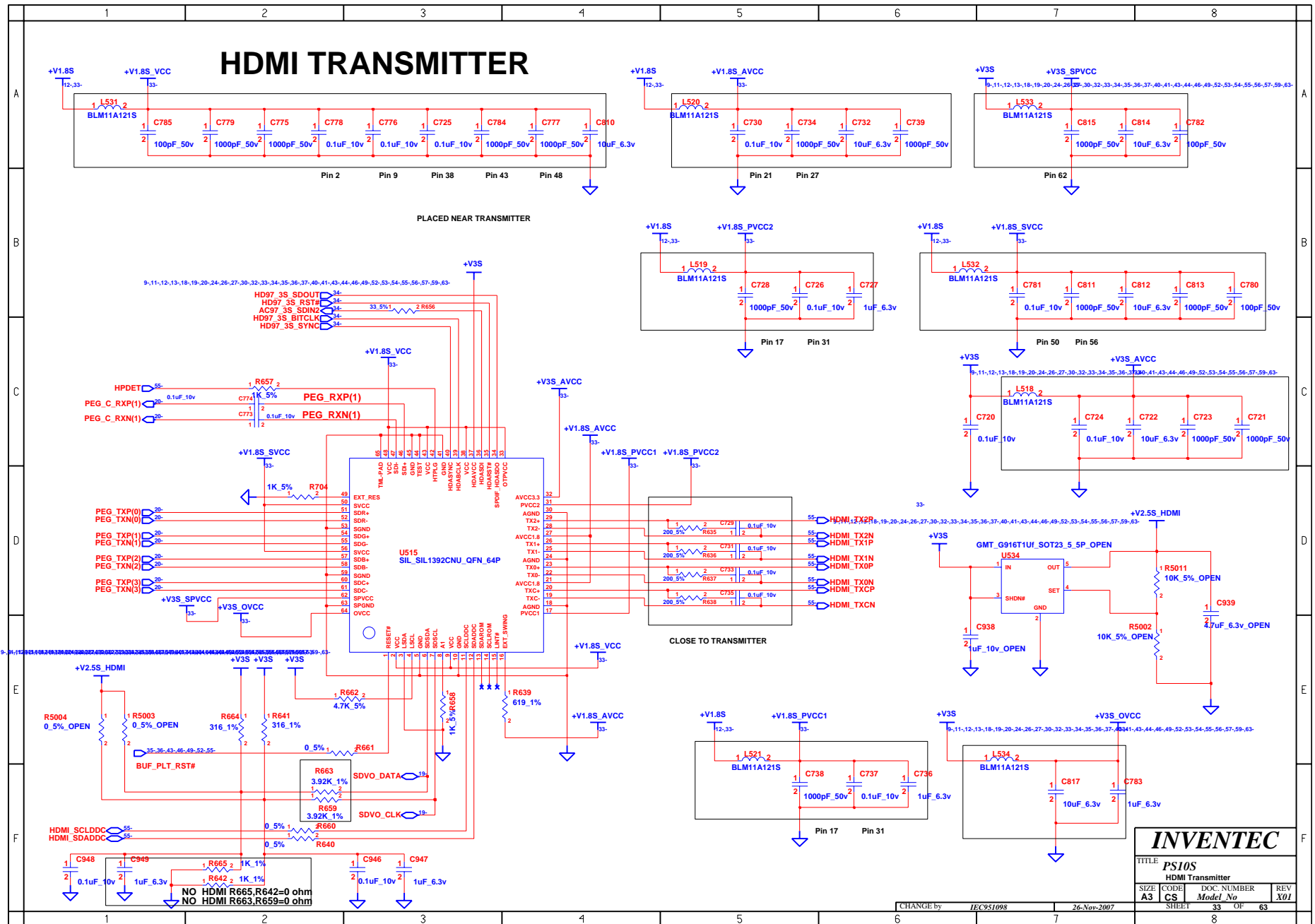
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INVENTEC

TITLE			
PS10S			
S-Video CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 30-Nov-2007

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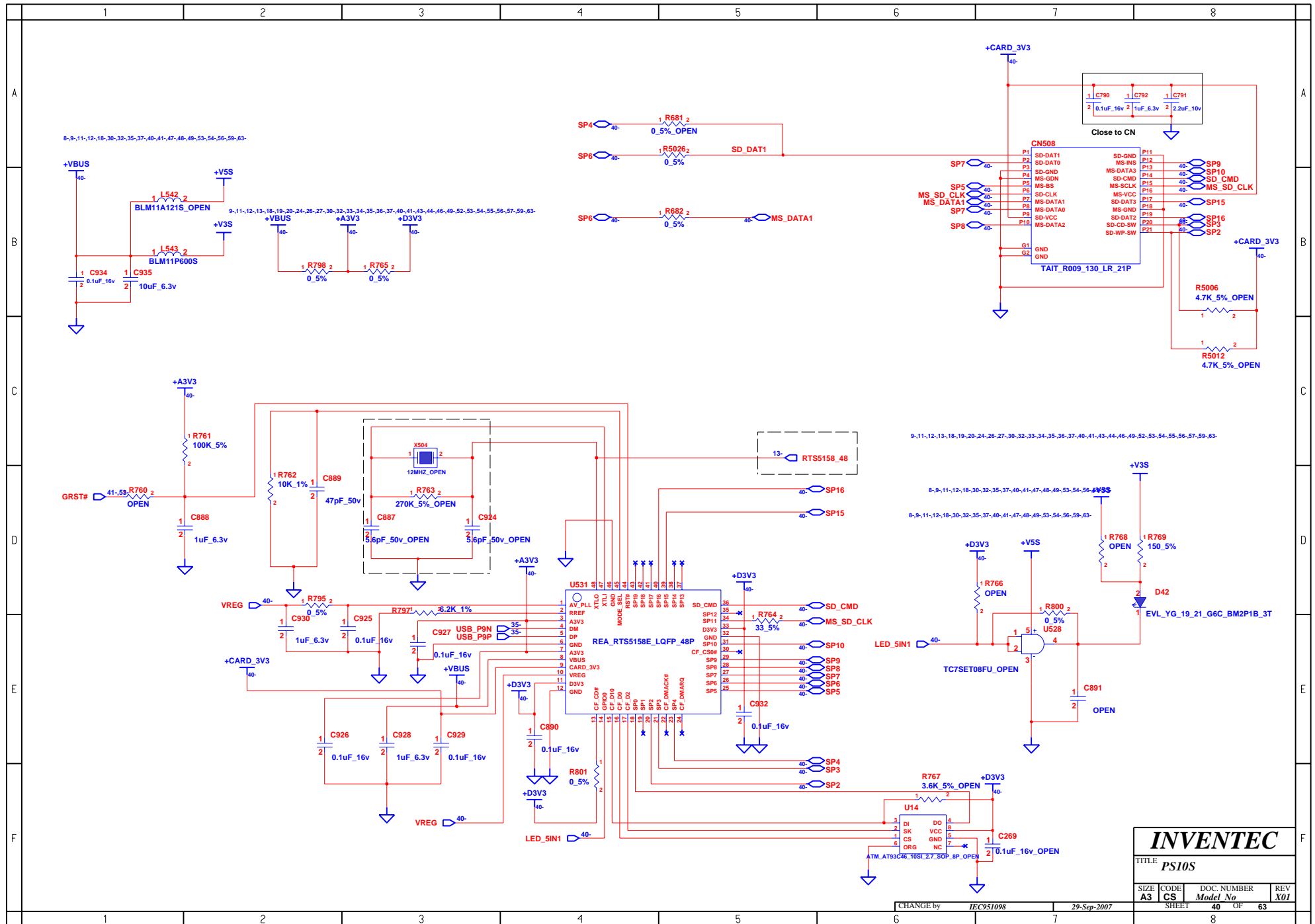
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TITLE
PS10S

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by	IEC951098	30-Nov-2007
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SHEET	39	OF	63
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INVENTEC

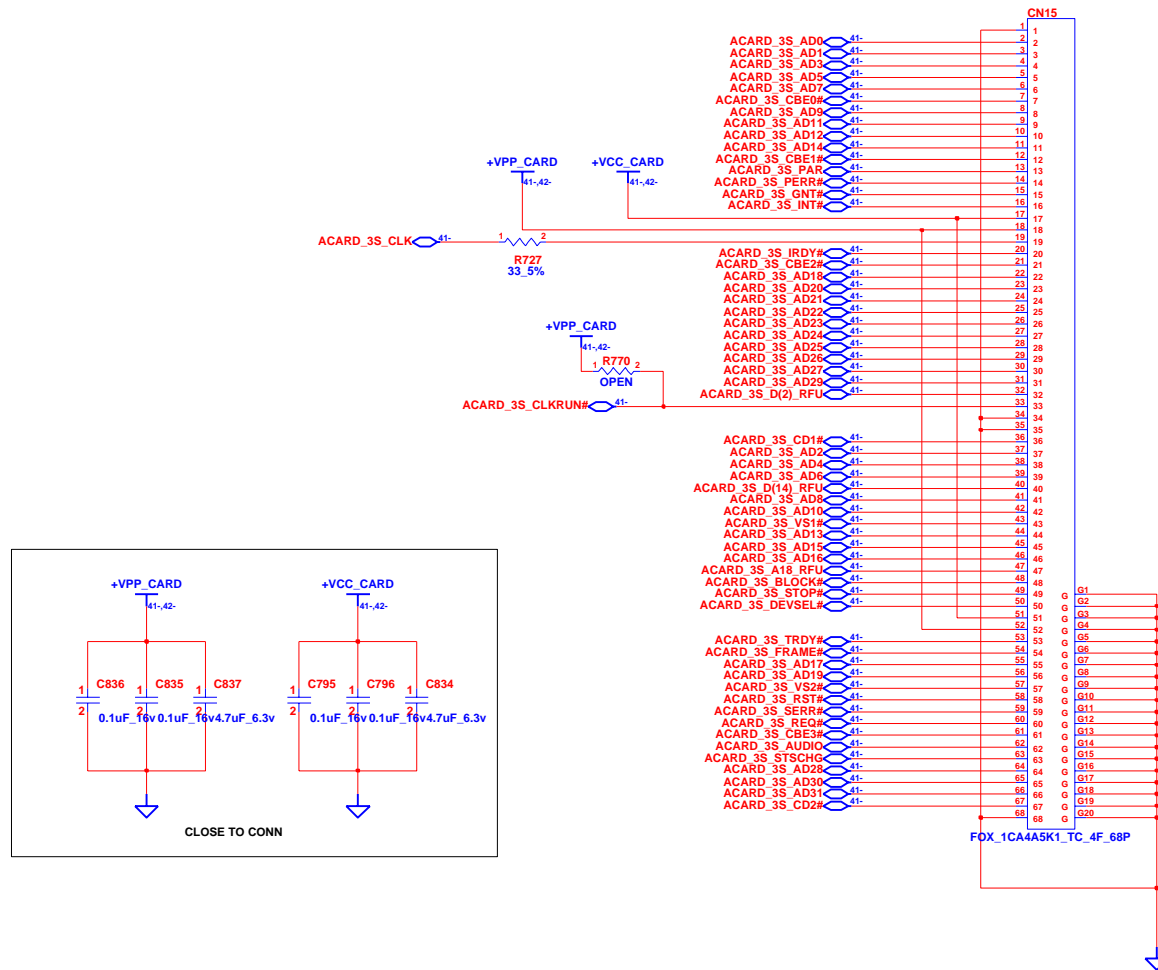
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A3	CS	Model No	X01

CHANGE by IEC951098

29-Sep-2007

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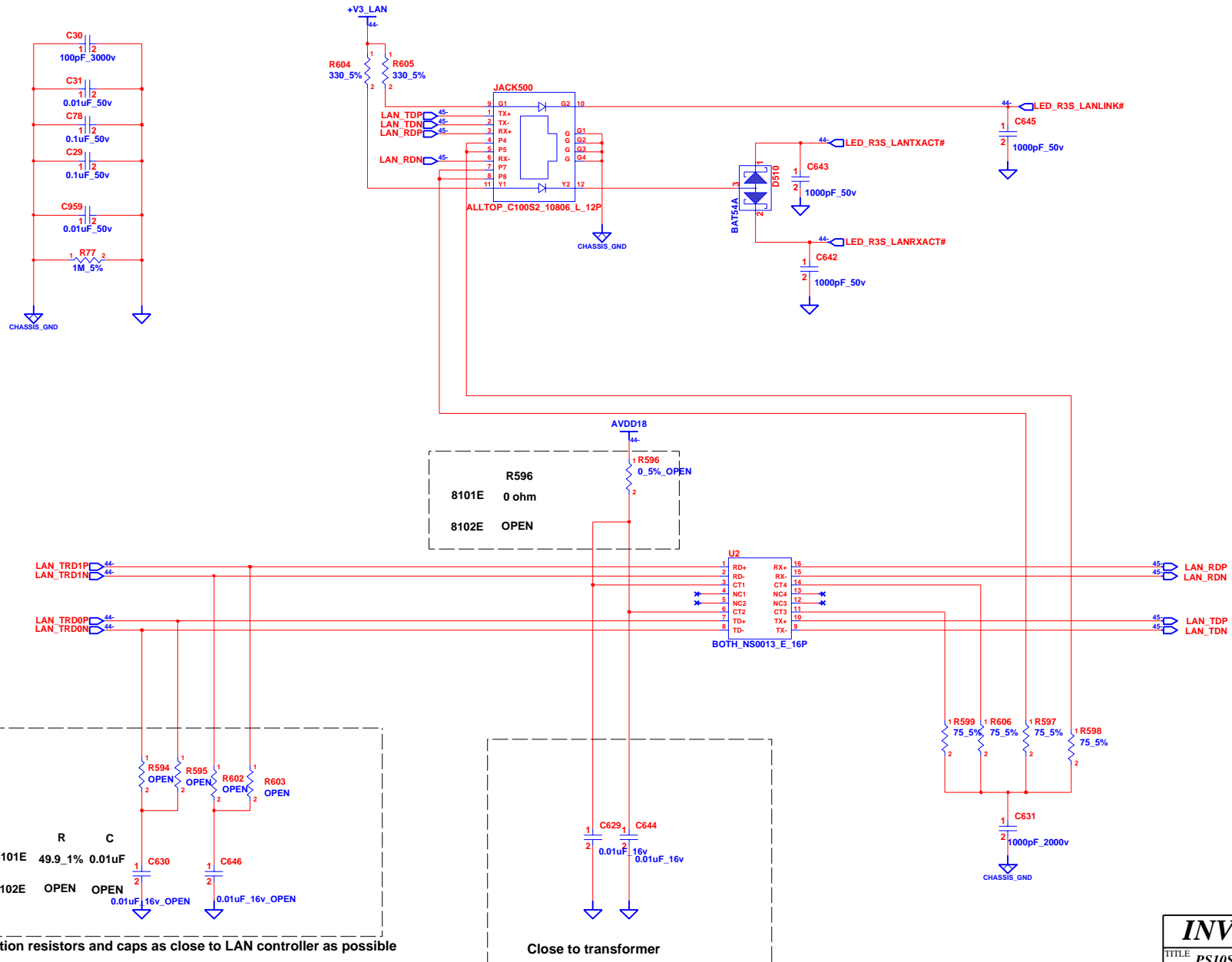
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TITLE
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 1-Nov-2007

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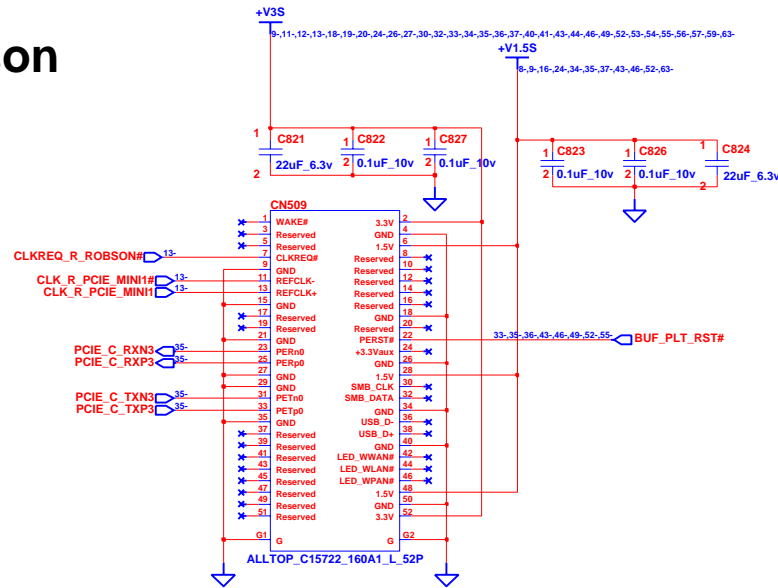
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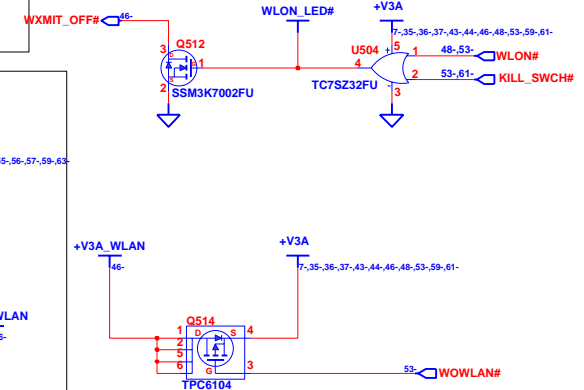
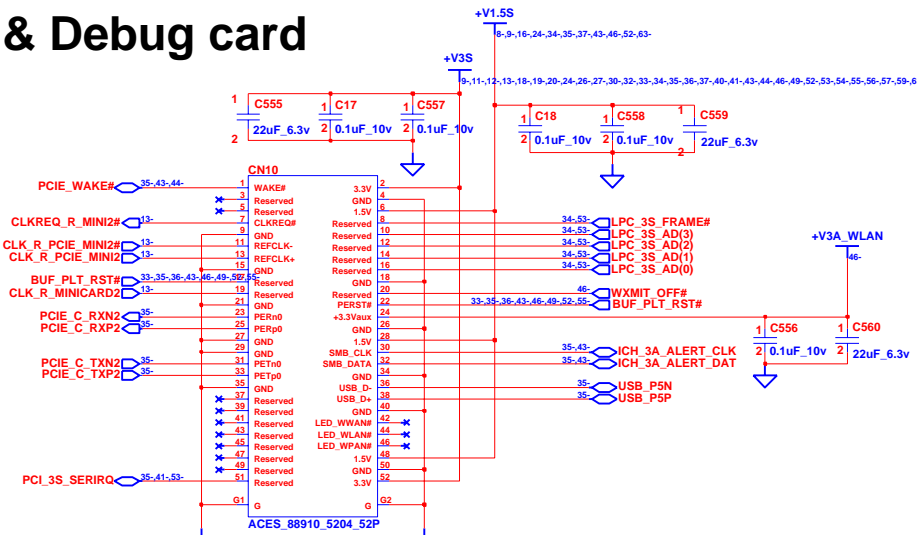
CHANGE by IEC951098 9-Jan-2008

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Robson



Wireless & Debug card



INVENTEC

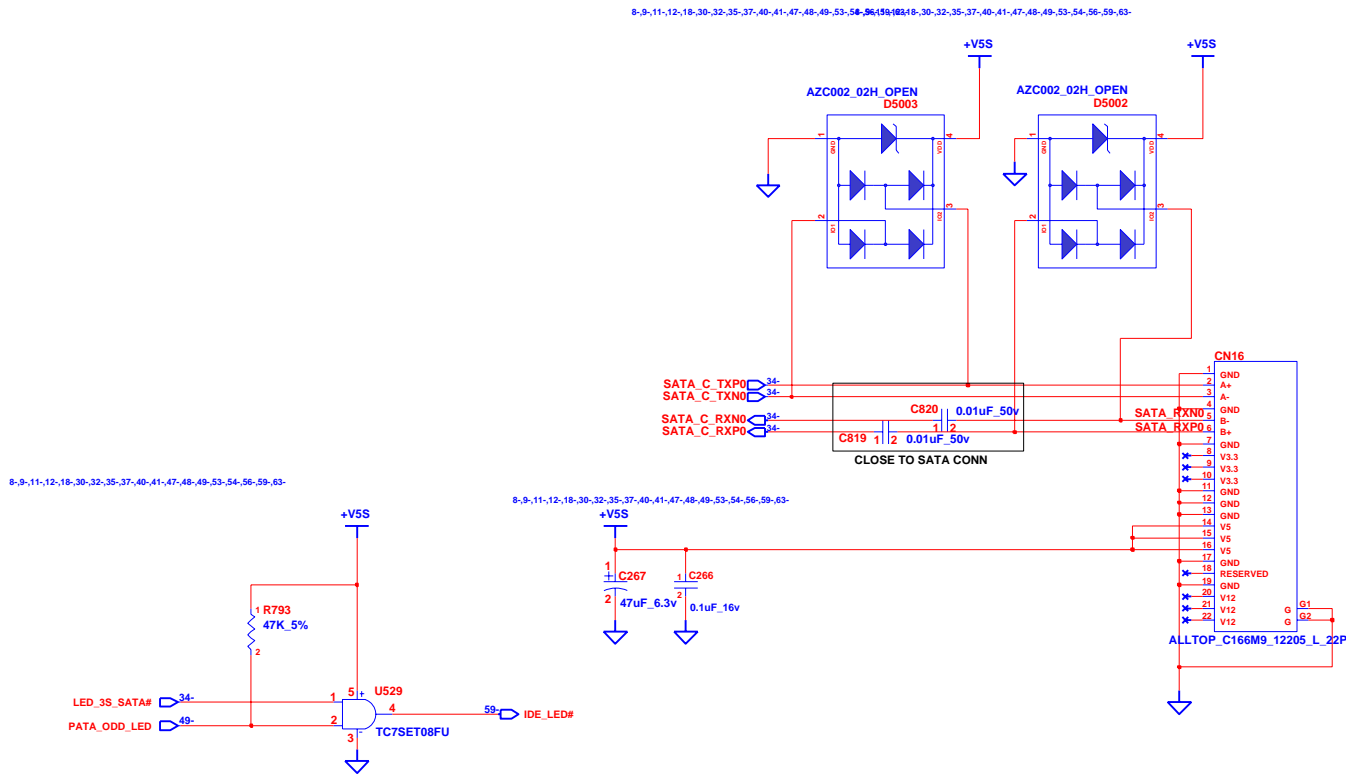
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Robson & WLAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098

4-Dec-2007

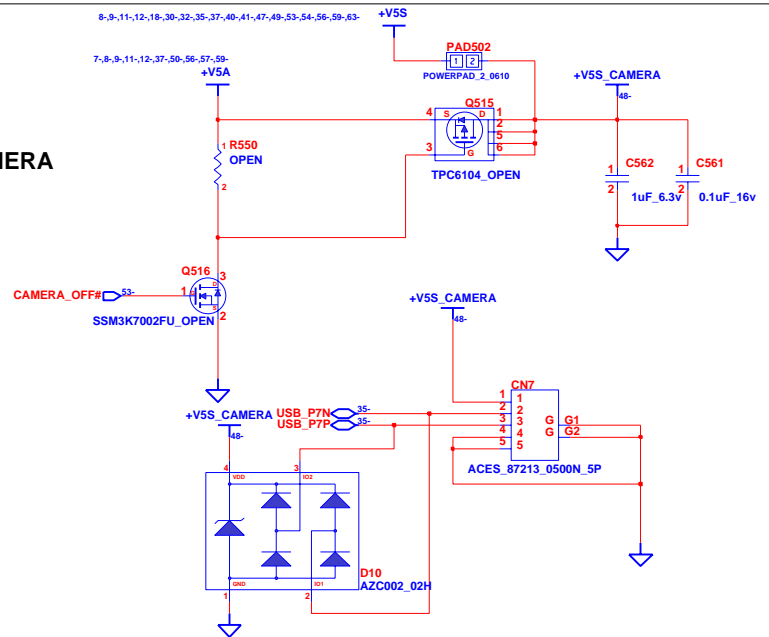
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SATA HDD01

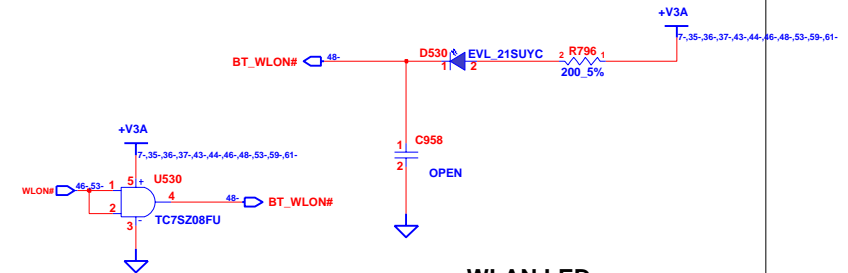


INVENTEC			
TITLE			
PS10S			
SATA HDD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		SHEET	OF
IEC951098		47	63
30-Nov-2007		8	

CAMERA



WLAN LED

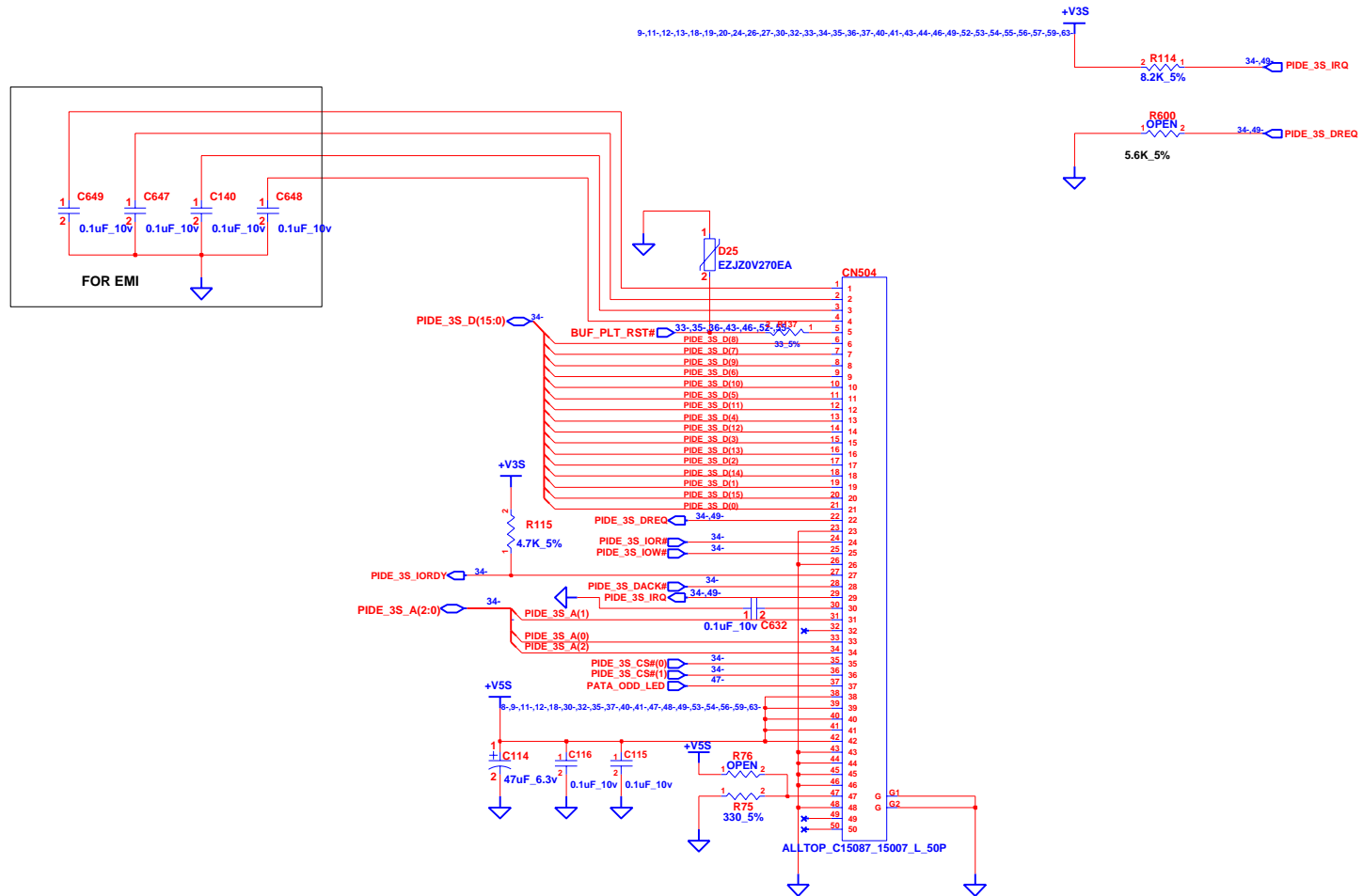


INVENTEC

TITLE			
PS10S			
Folica & Finger Printer & Camera			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 10-Dec-2007

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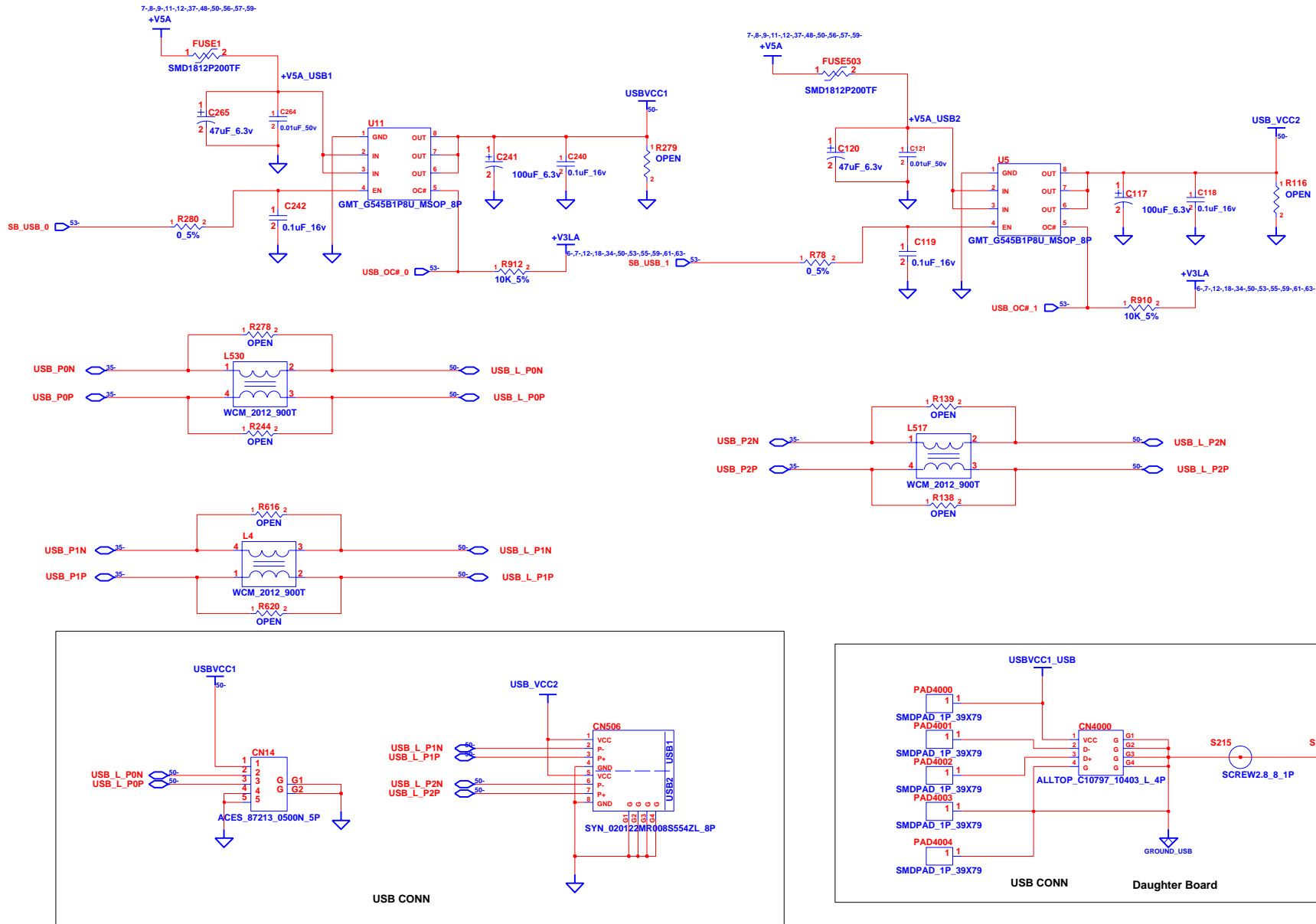
INVENTEC

TITLE			
PS10S			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098

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INVENTEC

TITLE			
PS10S			
USB CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 31-Jul-2007

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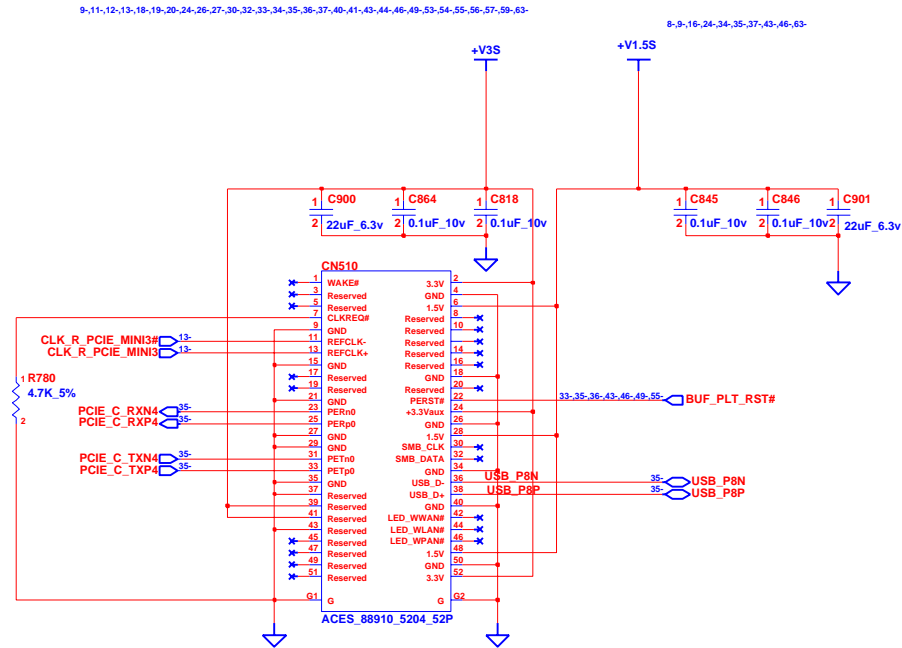
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TITLE			
PS10S BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 30-Nov-2007

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HD_DVD

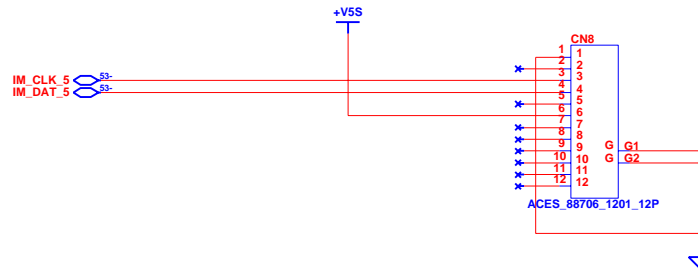
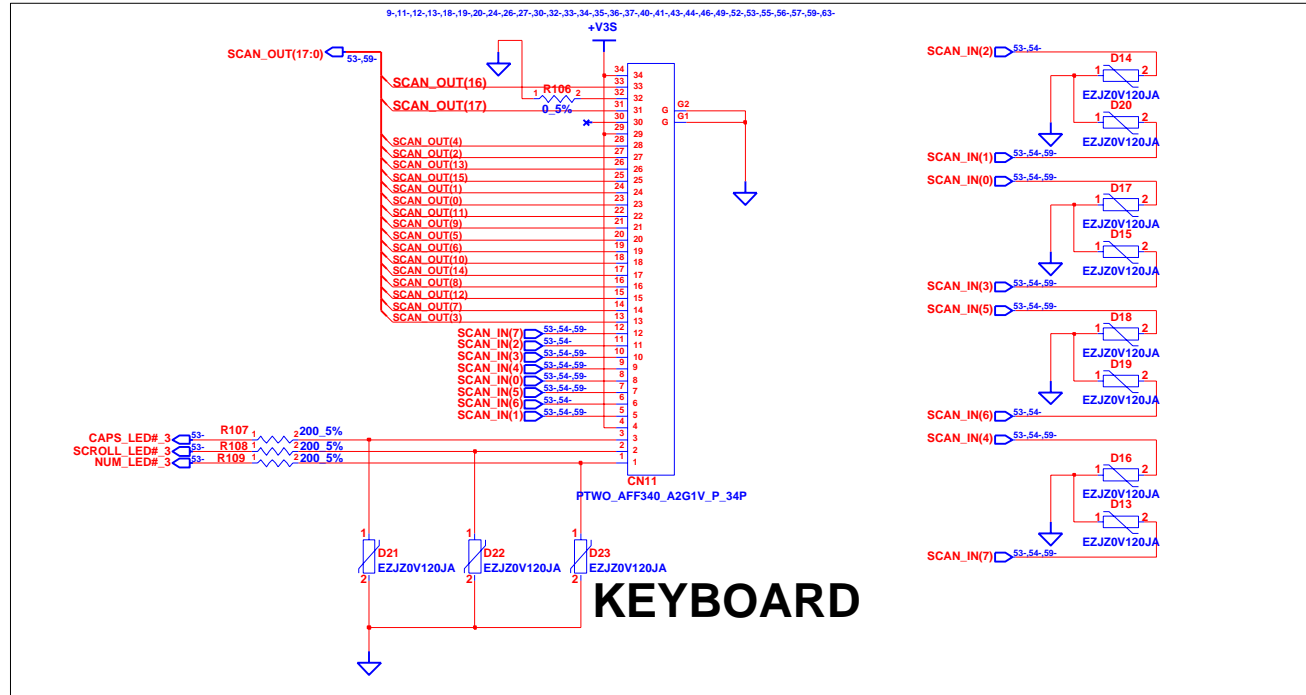


INVENTEC

TITLE			
PS10S			
3G_SIM			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 27-Dec-2007

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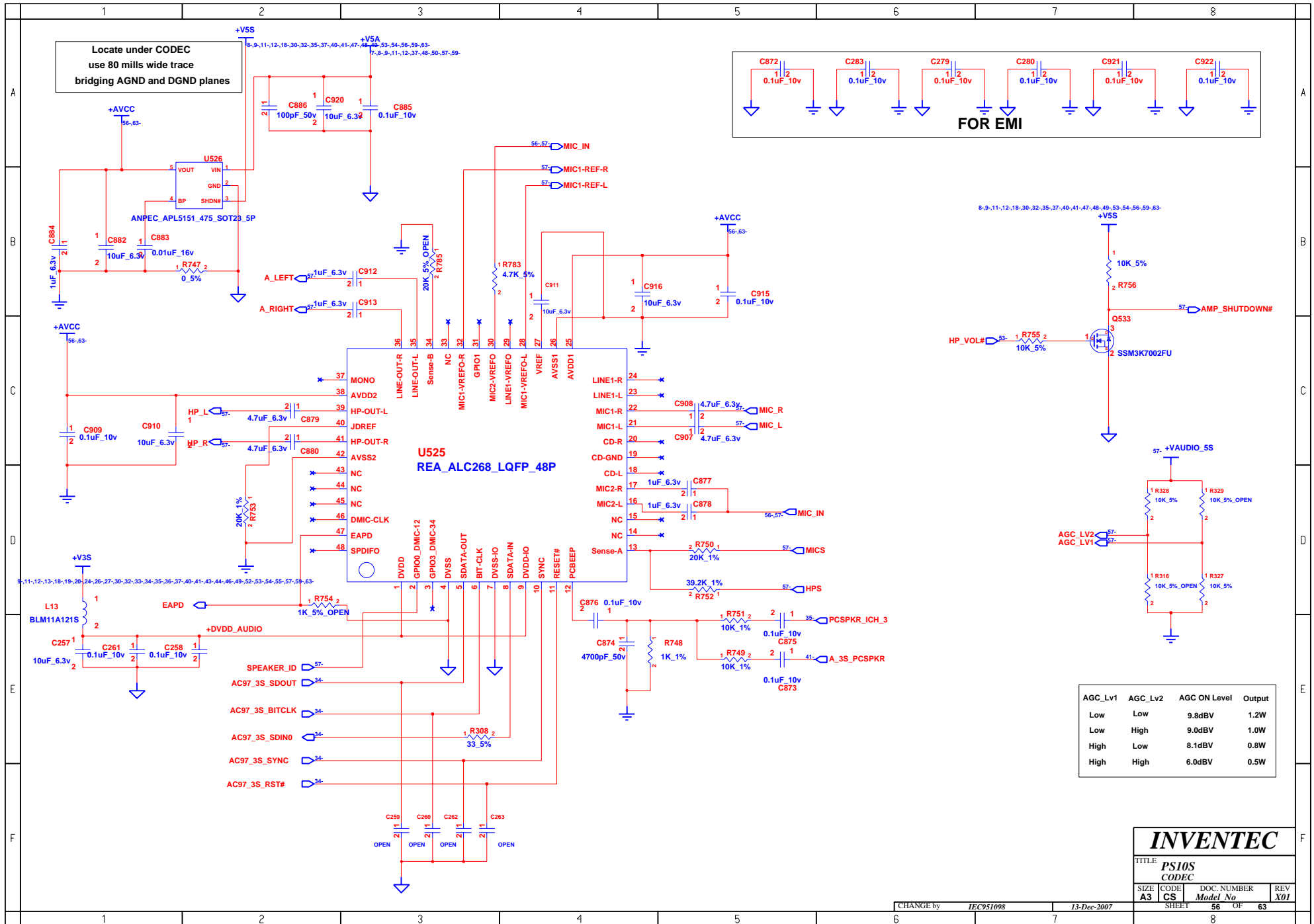


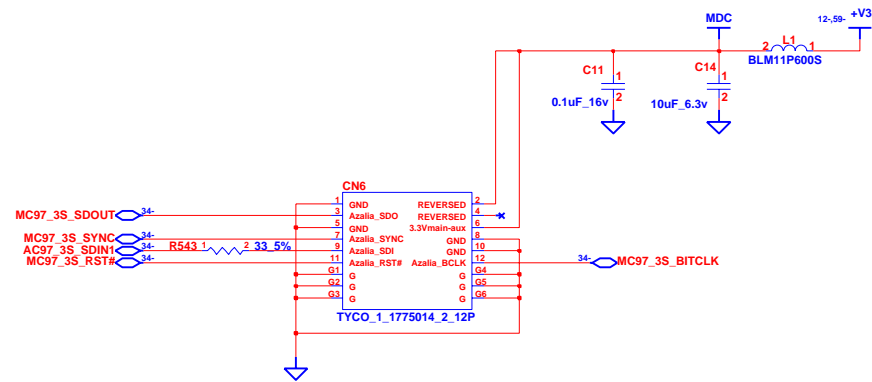
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TITLE			
PS10S			
INT.KBC/POINT DEVICES			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		10-Dec-2007	
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[illegible]

HDMI CONN

INVENTEC			
TITLE PS10S CIR & HDMI CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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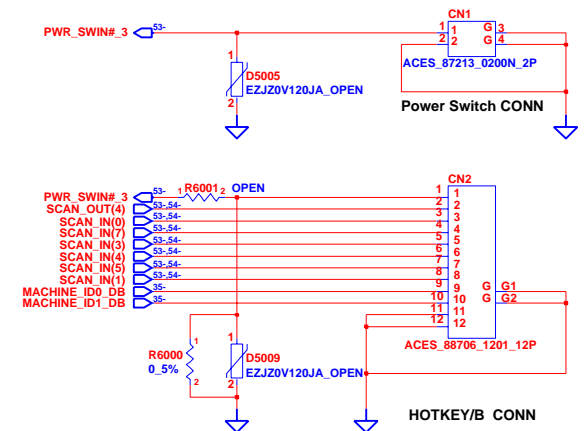
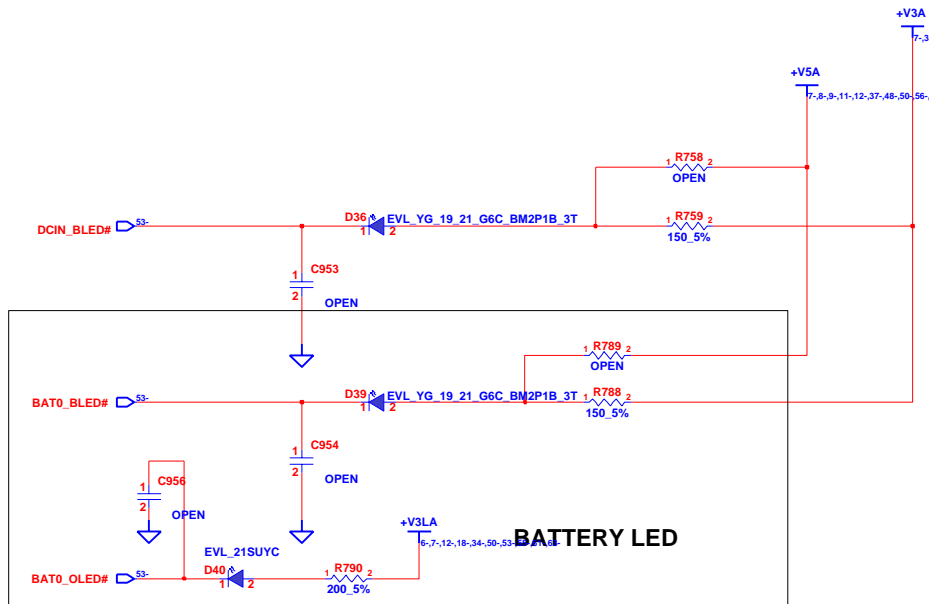
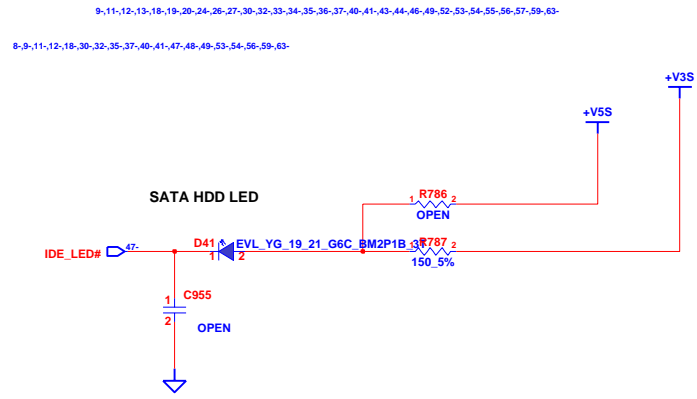
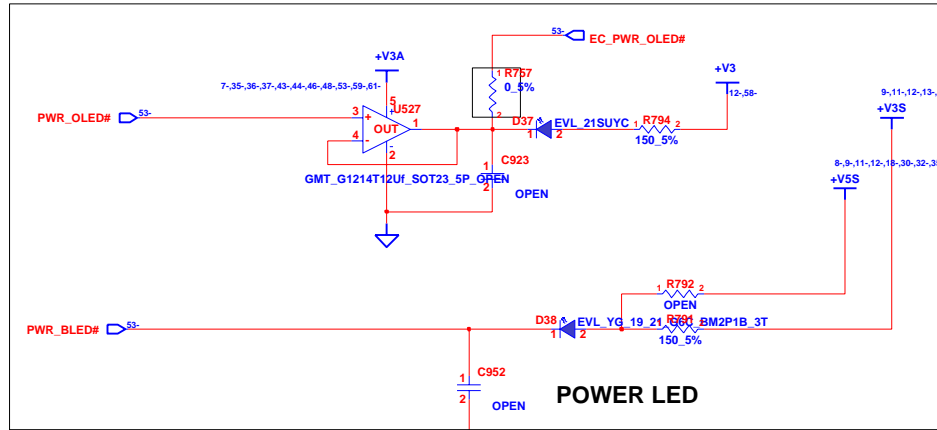




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TITLE PS10S MDC1.5			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01

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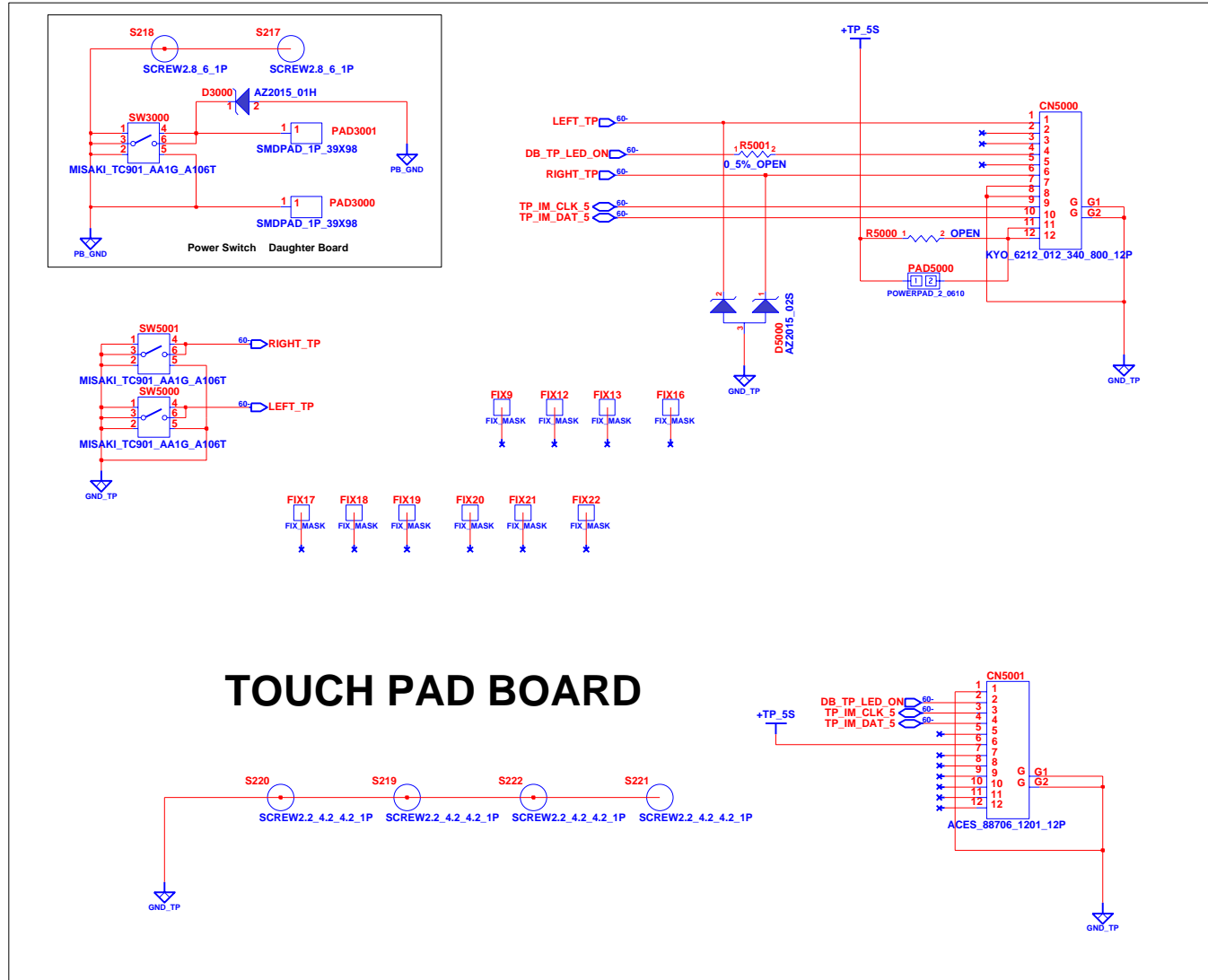
INVENTEC

TITLE
**PS10S
LED**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by **IEC951098** 31-Jul-2007

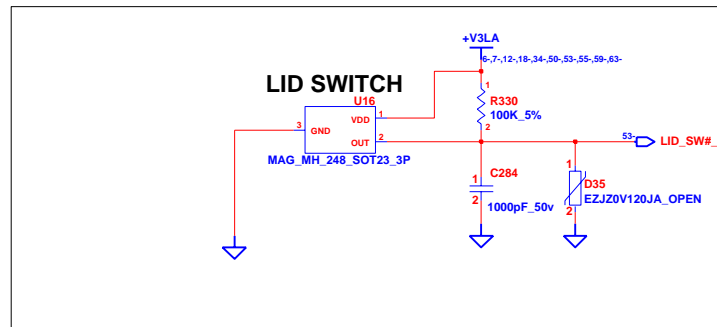
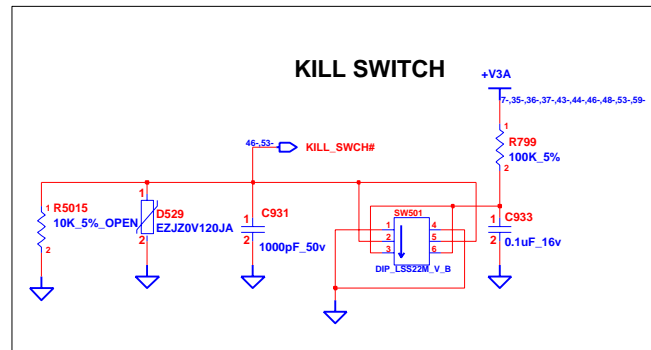
SHEET **59** OF **63**



INVENTEC

TITLE PS10S Touch Pad Board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET		60	OF 63

CHANGE by IEC951098 5-Nov-2007

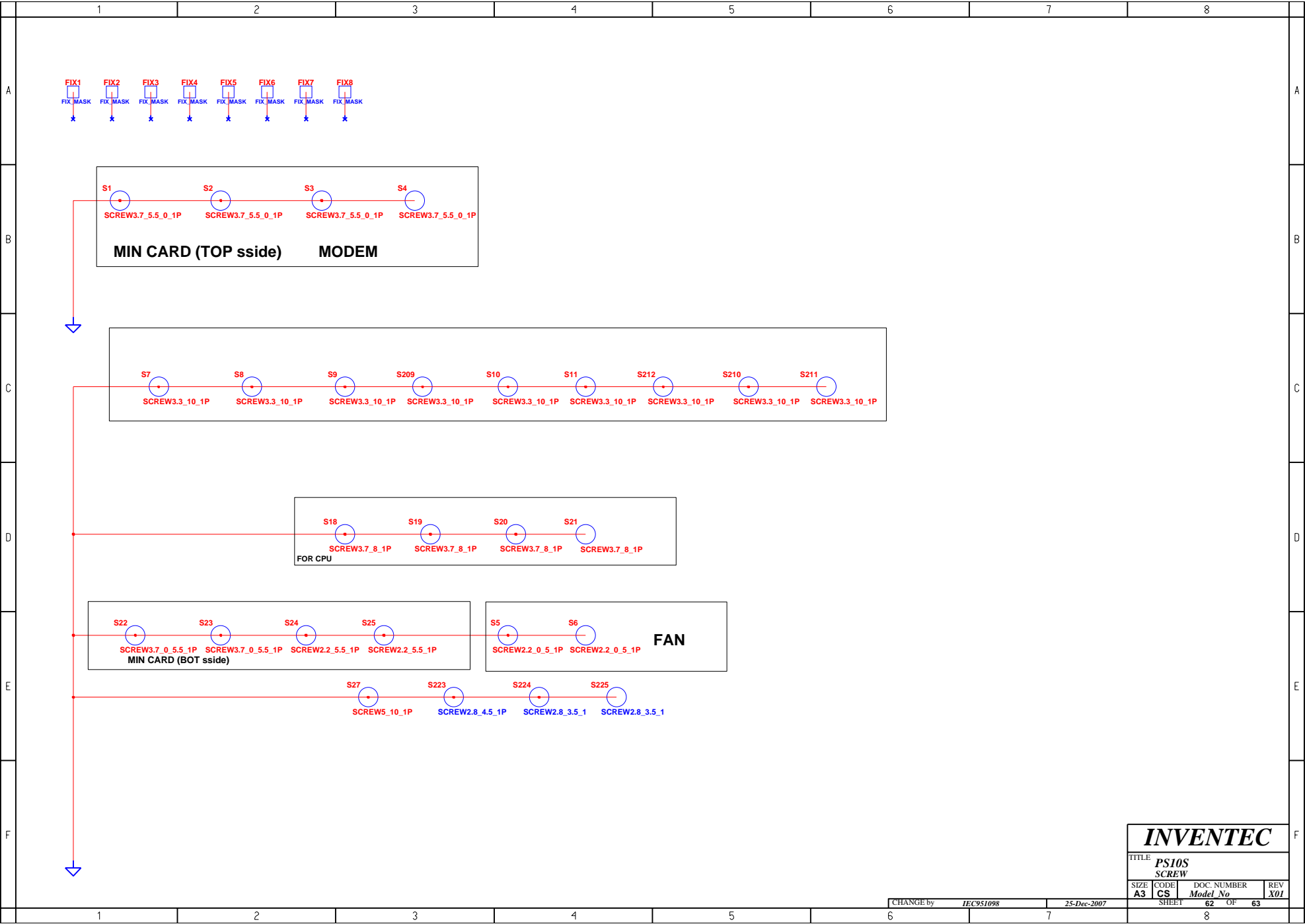


INVENTEC

TITLE			
PS10S			
Kill SW & Lid SW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by IEC951098 31-Jul-2007

SHEET 61 OF 63



INVENTEC

TITLE PS10S SCREW			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		62 OF	63

