

Perugia 10M MP Build(A03)

2009.05.05

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC			
DESIGN					TITLE			
CHECK					Perugia10M			
RESPONSIBLE								
SIZE = 3					SIZE	CODE	DOC. NUMBER	REV
FILE NAME : XXXX-XXXXXX-XX					A3	CS	1310A2250501	x01
P/N	XXXXXXXXXXXX				SHEET 1 OF 63			

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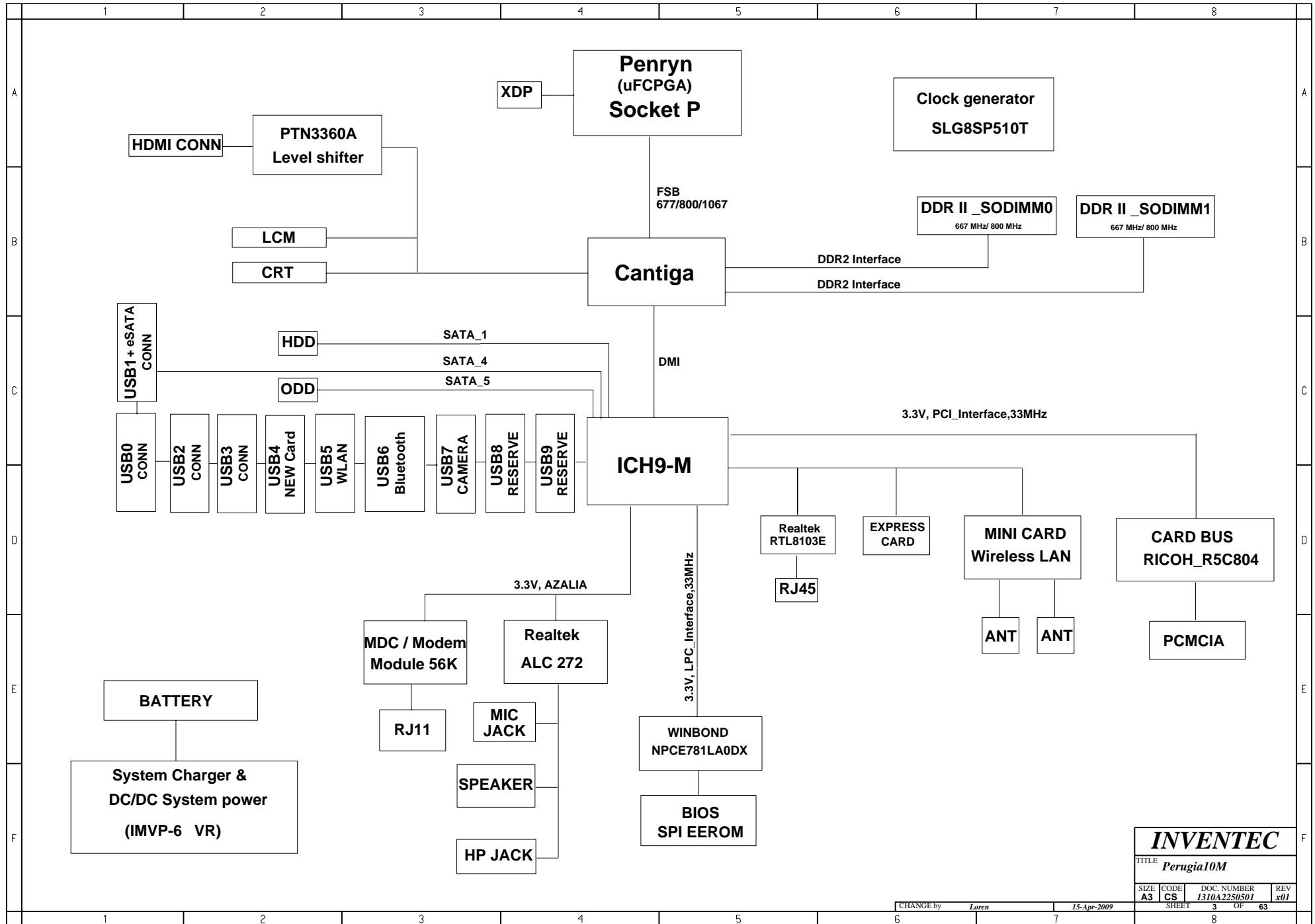
INVENTEC

TITLE *Perugia10M*

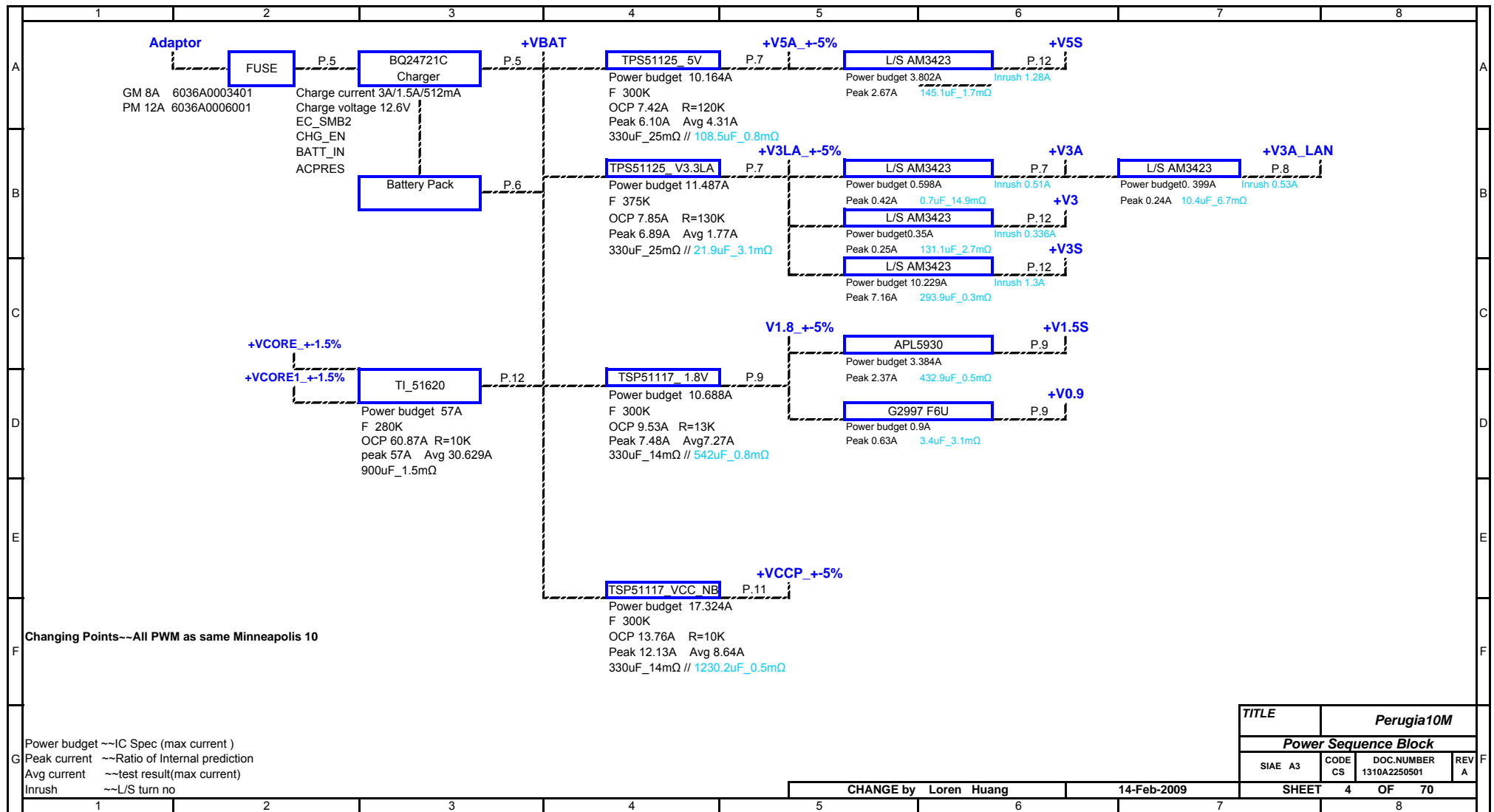
SIZE A3	CODE CS	DOC. NUMBER <i>1310A2250501</i>	REV <i>x01</i>
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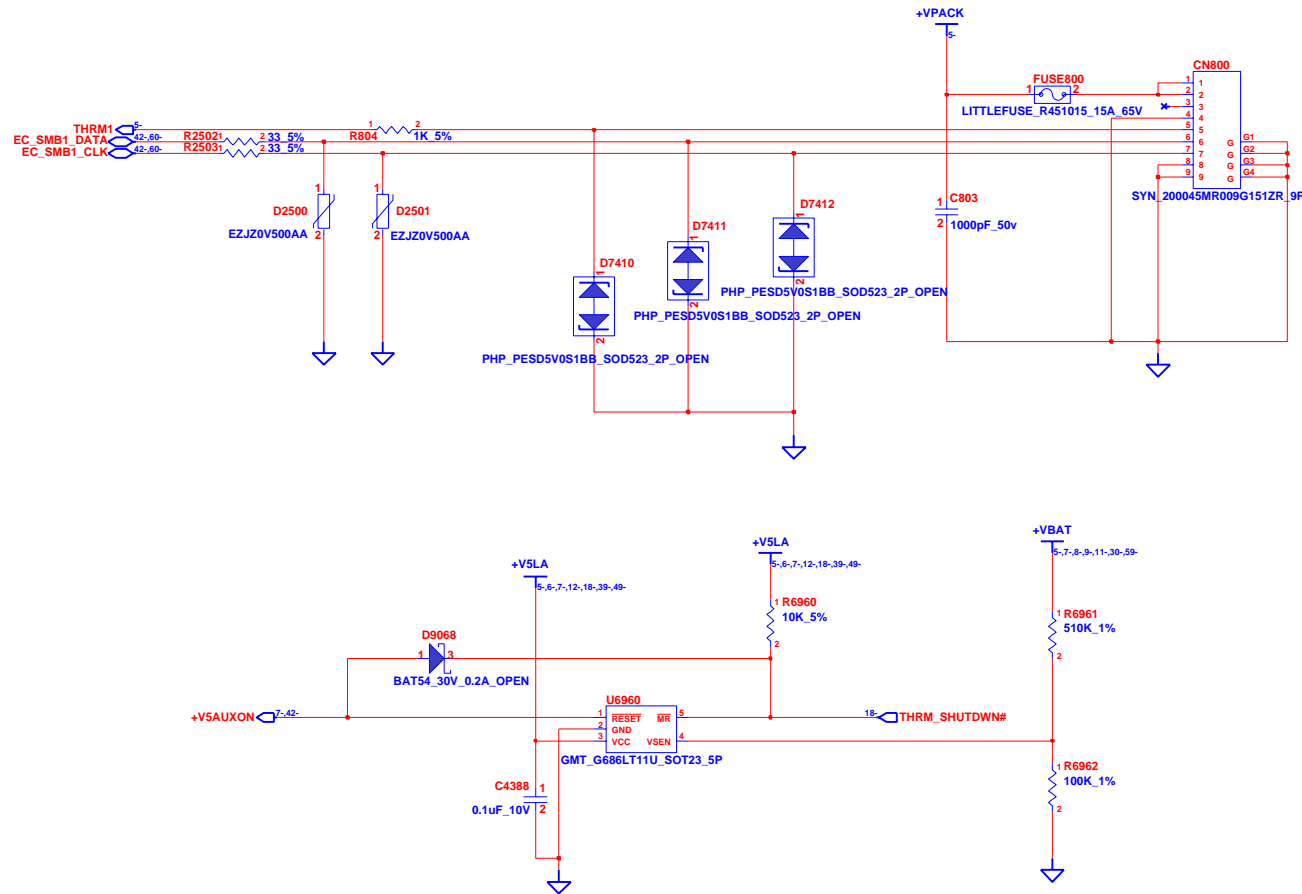
CHANGE by <i>Loren</i>	24-Mar-2009
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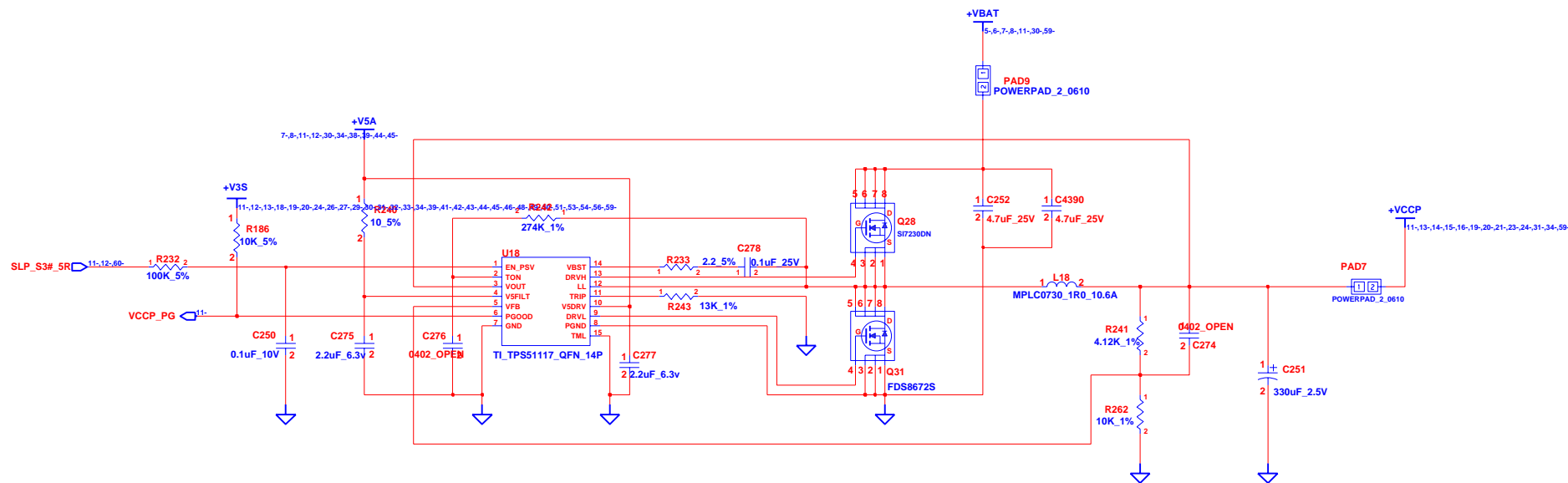


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TITLE Perugia10M			
SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01
CHANGE by Loren		15-Apr-2009	
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INVENTEC			
TITLE			
SELECT & BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2250501	x01
CHANGE by		10-Oct-2008	
SHEET		6	OF 63



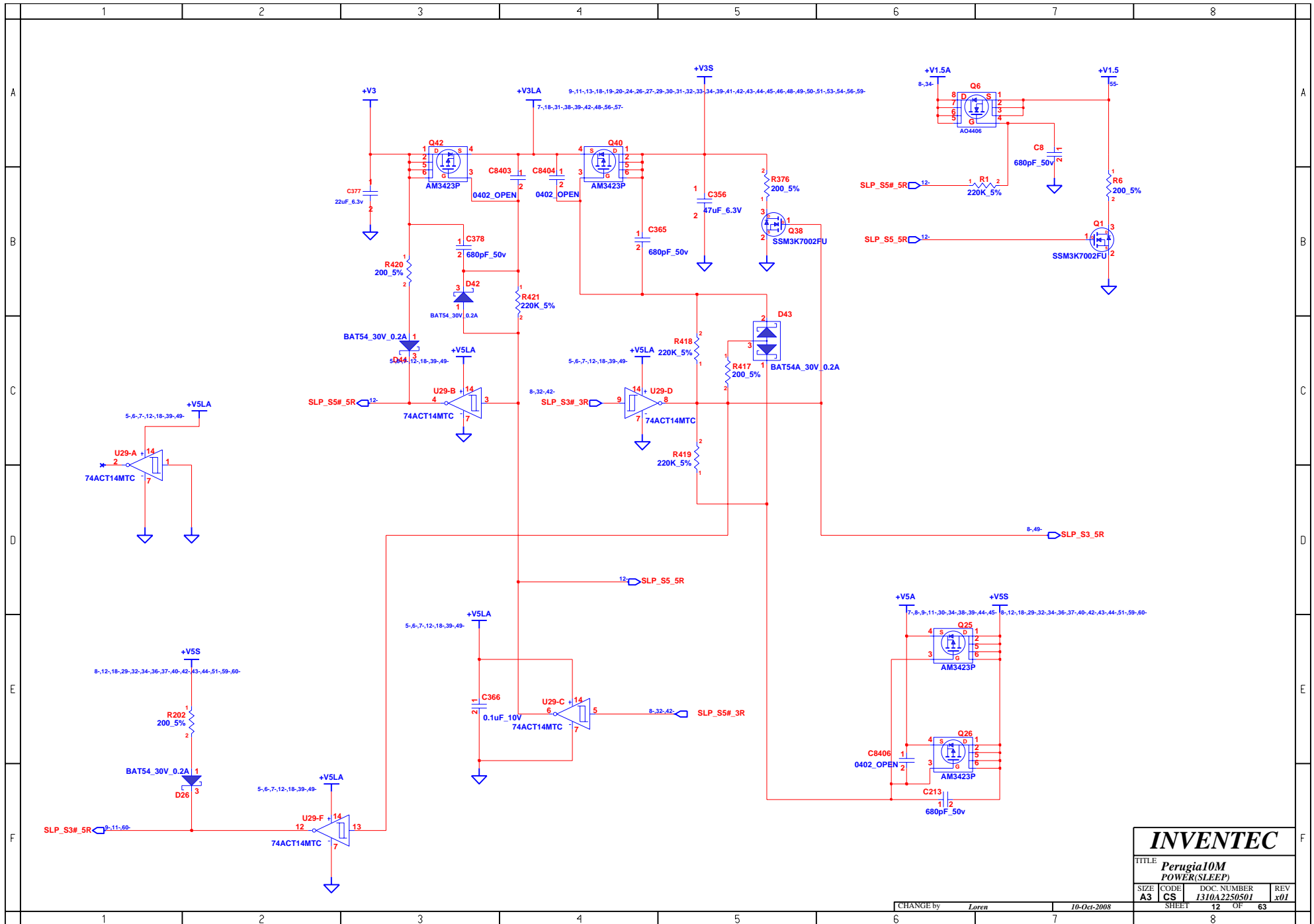
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TITLE			
Perugia10M			
GRAPHIC POWER (+VGFX_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2250501	x01

CHANGE by Loren 10-Oct-2008

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	1	2	3	4	5	6	7	8	
A	<div>BLANK</div>								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Perugia10M			
SYSTEM POWER(+VCCP/+V1.5S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01
CHANGE by <i>Loren</i>		10-Oct-2008	
SHEET		10	OF 63

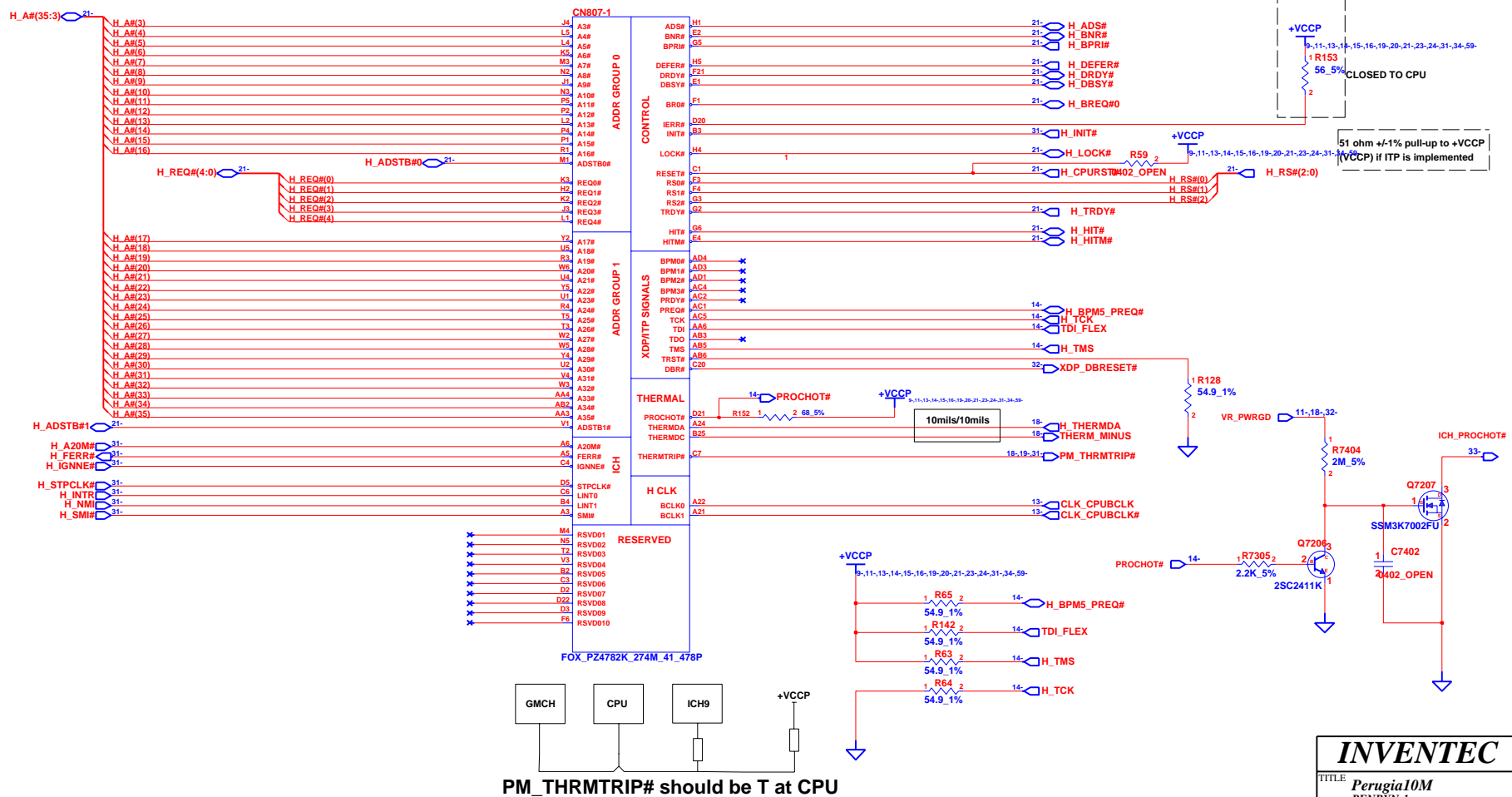


INVENTEC

TITLE
**Perugia10M
POWER(SLEEP)**

SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01
SHEET 12		OF 63	

CHANGE by *Loren* 10-Oct-2008



INVENTEC			
TITLE			
Perugia10M			
PENRYN-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

CHANGE by Loren 10-Oct-2008

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C									C
D									D
E									E
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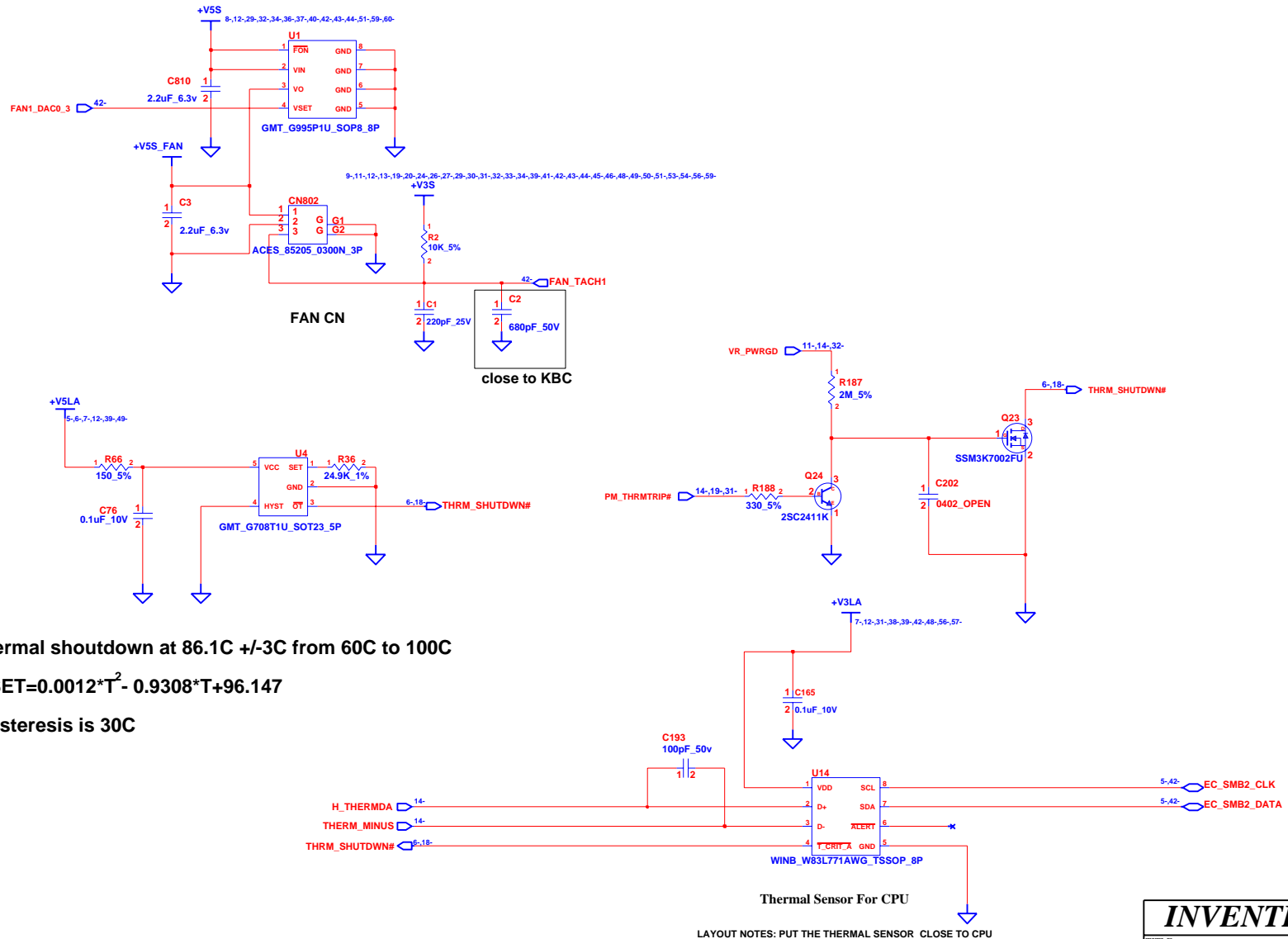
CN807-4

A4	VSS001	VSS002	P6
A9	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
B9	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
D19	VSS032	VSS033	AA14
D23	VSS033	VSS034	AA16
D26	VSS034	VSS035	AA19
E3	VSS035	VSS036	AA22
E6	VSS036	VSS037	AA25
E9	VSS037	VSS038	AB1
E11	VSS038	VSS039	AB4
E14	VSS039	VSS040	AB8
E16	VSS040	VSS041	AB11
E19	VSS041	VSS042	AB13
E21	VSS042	VSS043	AB16
E24	VSS043	VSS044	AB18
F5	VSS044	VSS045	AB23
F8	VSS045	VSS046	AB26
F11	VSS046	VSS047	AC3
F13	VSS047	VSS048	AC6
F16	VSS048	VSS049	AC8
F19	VSS049	VSS050	AC11
F2	VSS050	VSS051	AC14
F22	VSS051	VSS052	AC16
F25	VSS052	VSS053	AC19
G4	VSS053	VSS054	AC21
G1	VSS054	VSS055	AC24
G23	VSS055	VSS056	AD2
G26	VSS056	VSS057	AD5
H3	VSS057	VSS058	AD8
H6	VSS058	VSS059	AD11
H21	VSS059	VSS060	AD13
H24	VSS060	VSS061	AD16
J4	VSS061	VSS062	AD19
J5	VSS062	VSS063	AD22
J22	VSS063	VSS064	AD25
J25	VSS064	VSS065	AE1
K1	VSS065	VSS066	AE4
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
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N23	VSS079	VSS080	AF19
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P3	VSS081		AF25

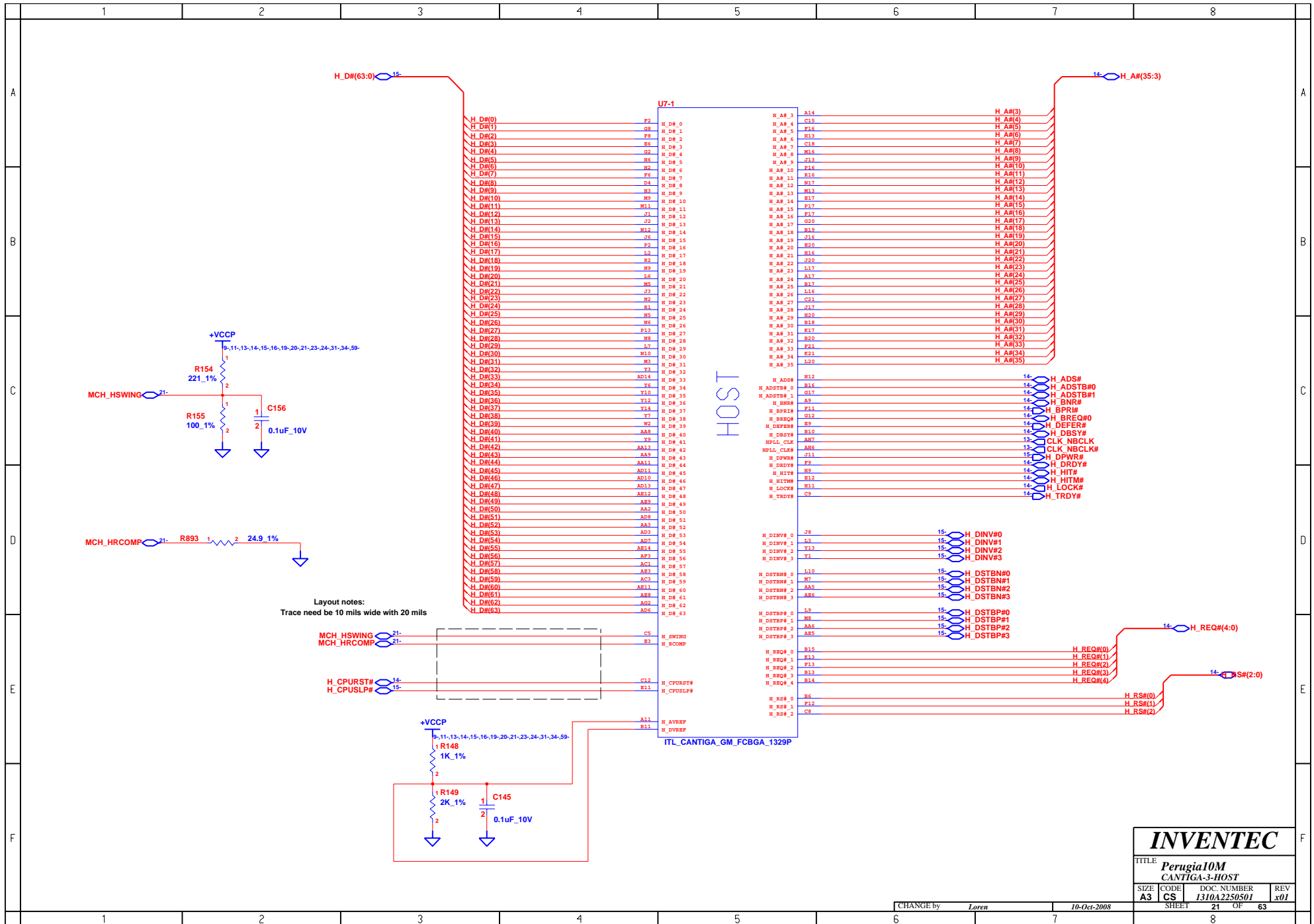
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INVENTEC			
TITLE Perugia10M PENRYN-4			
SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01

CHANGE by	Loren	10-Oct-2008
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INVENTEC			
TITLE: Perugia10M THERMAL&FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER I310A2250501	REV x01
CHANGE by Loren		10-Oct-2008	SHEET 18 OF 63



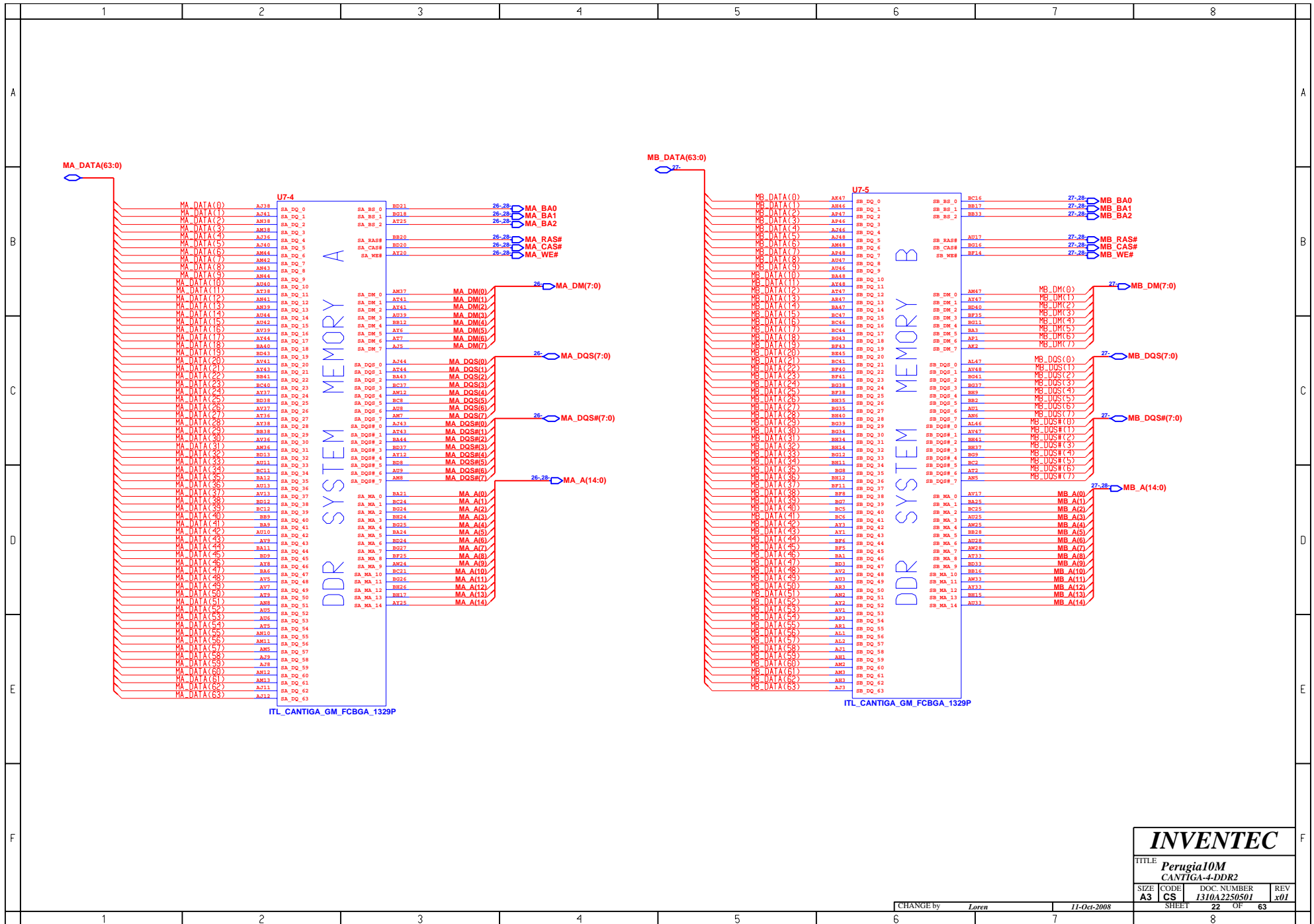
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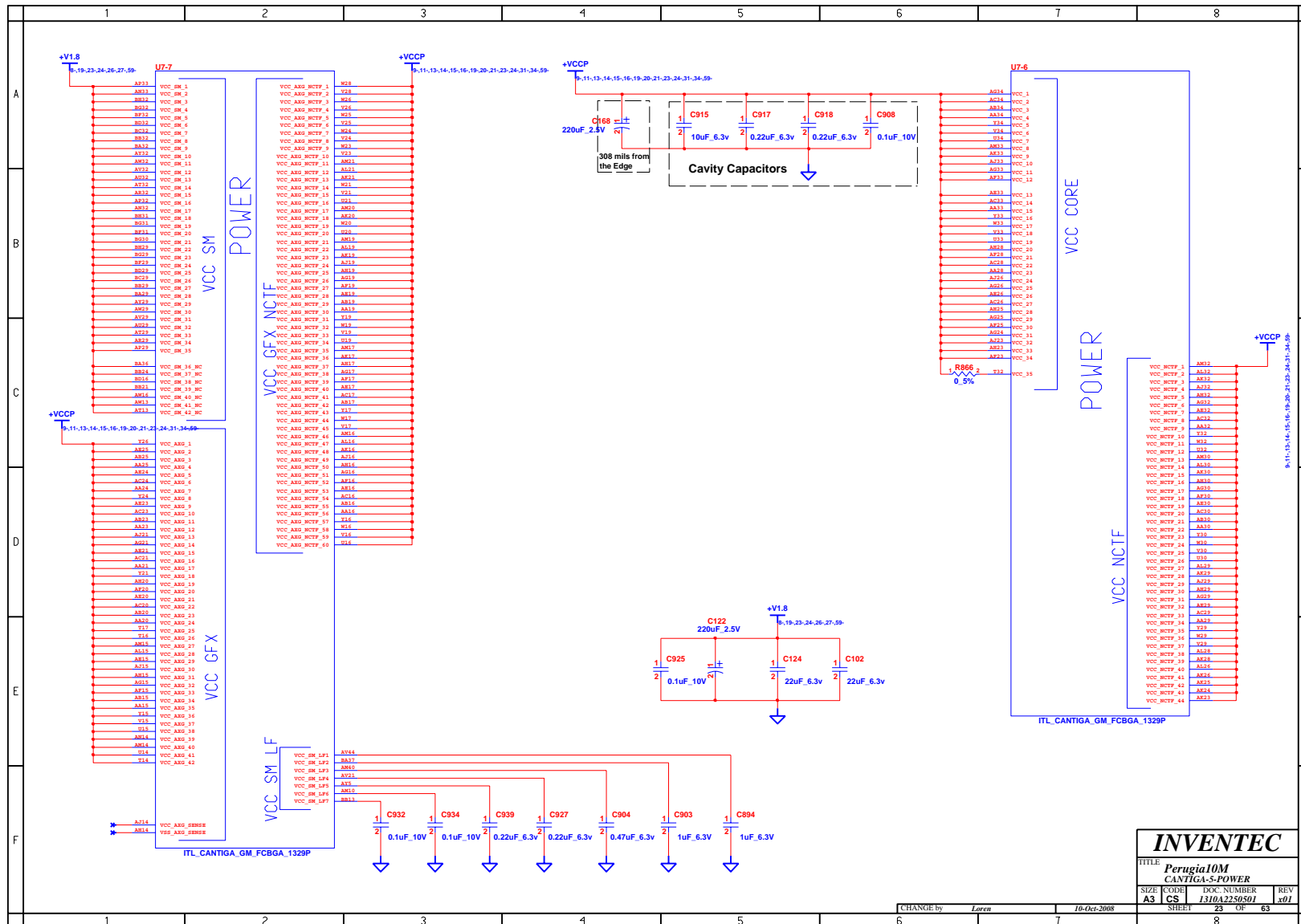
TITLE
**Perugia10M
CANTIGA-3-HOST**

SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01
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CHANGE by **Loren** 10-Oct-2008

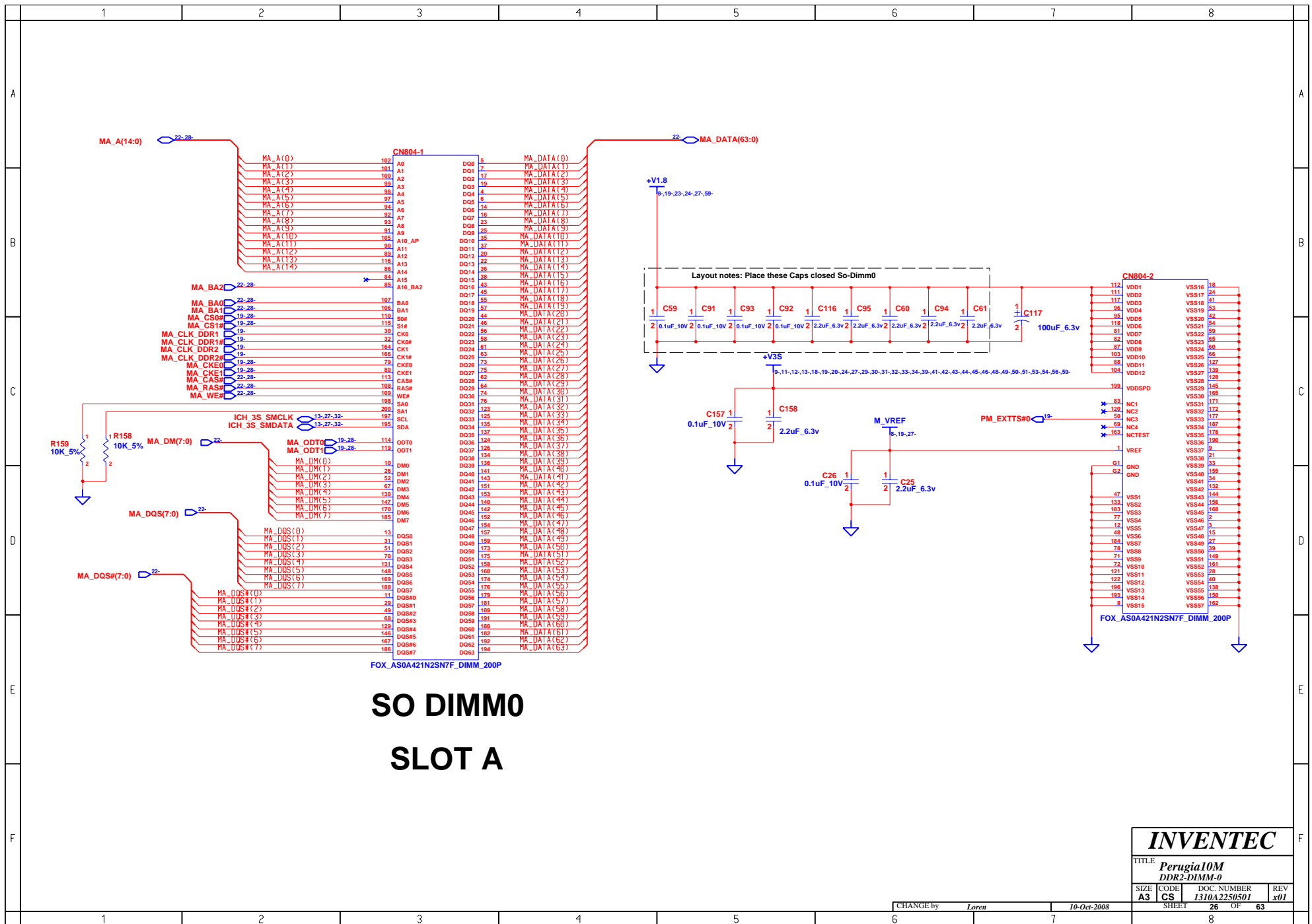
SHEET 21 OF 63





INVENTEC			
TITLE: Perugia10M CANTIGA-5-POWER			
SIZE: A3	CODE: CS	REV: 1310A2250501	REV: x01
SHEET: 23		OF: 63	

CHANGE by: Loren 10-Oct-2008



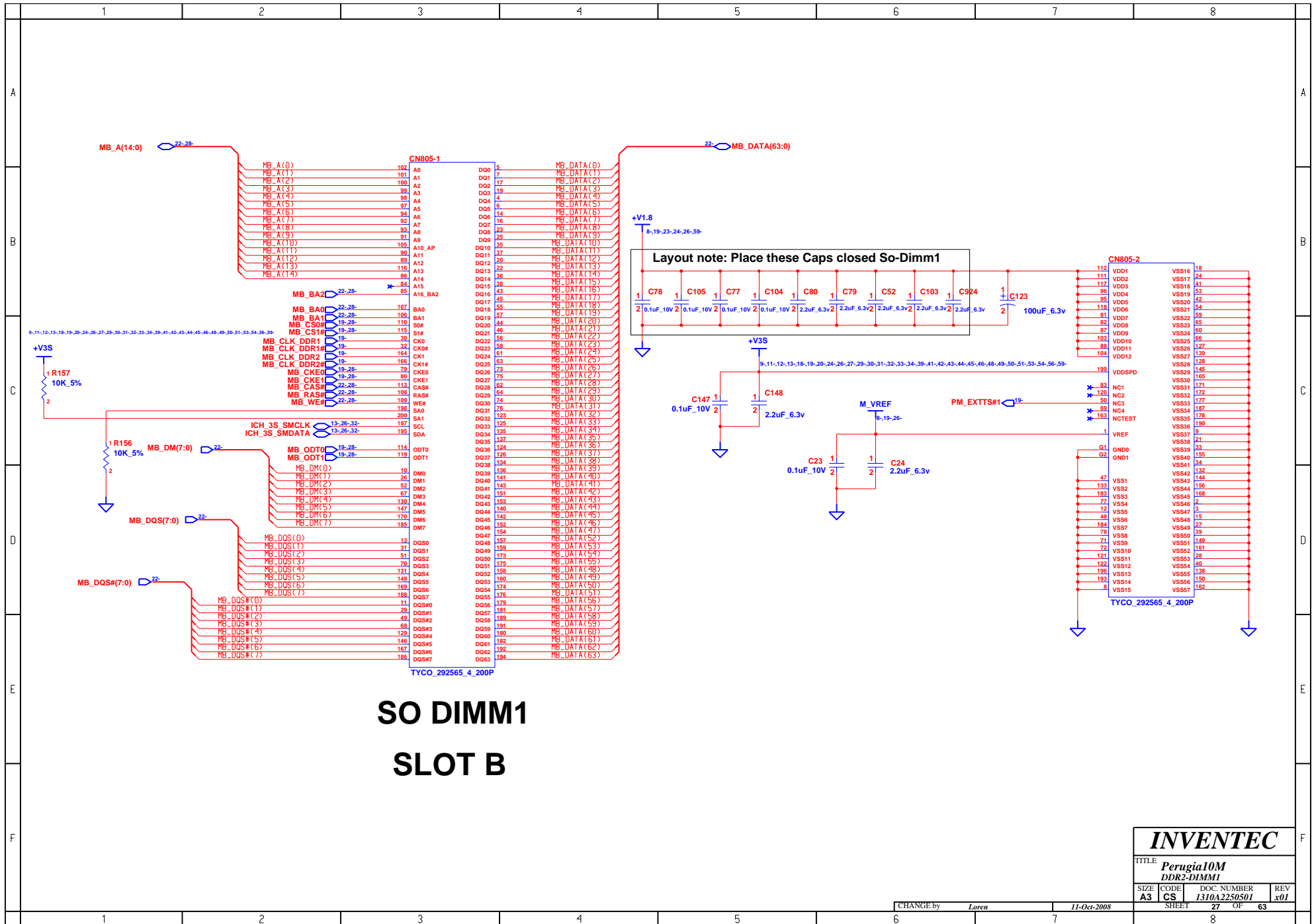
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TITLE
**Perugia10M
DDR2-DIMM-0**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

CHANGE by *Loren* 10-Oct-2008

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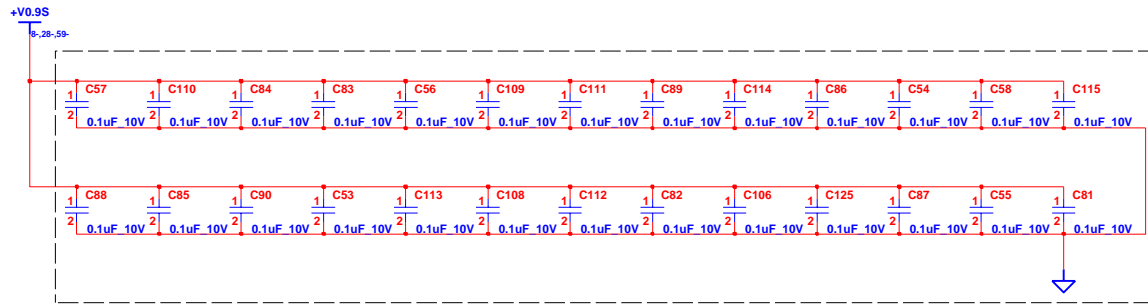
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**Perugia10M
DDR2-DIMM1**

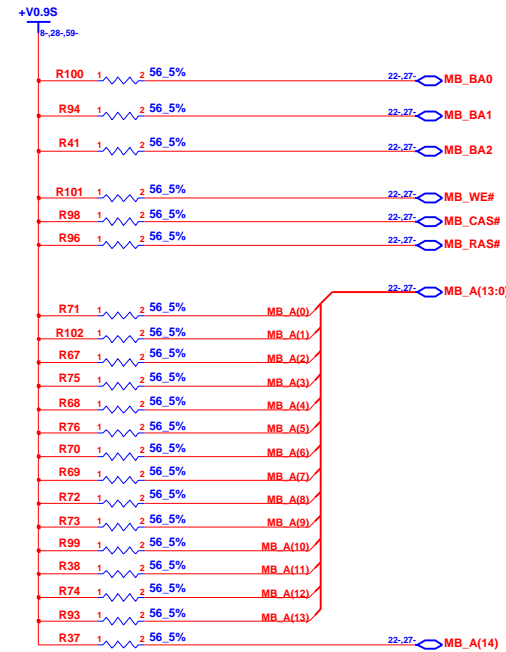
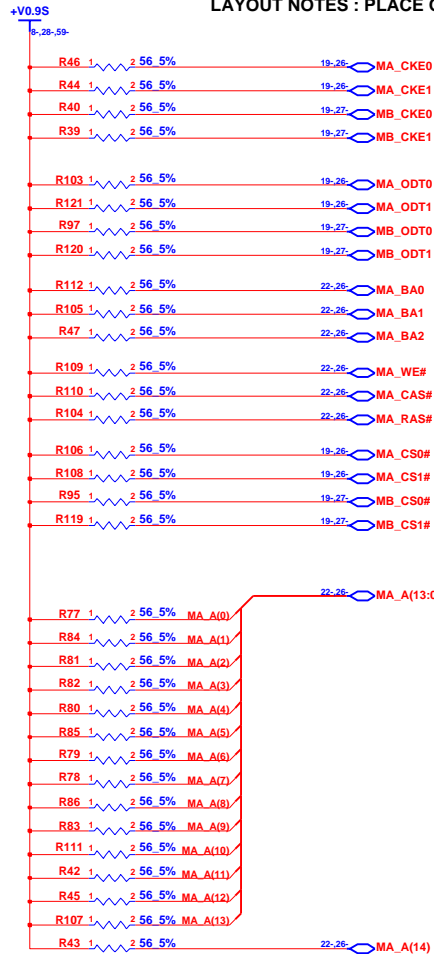
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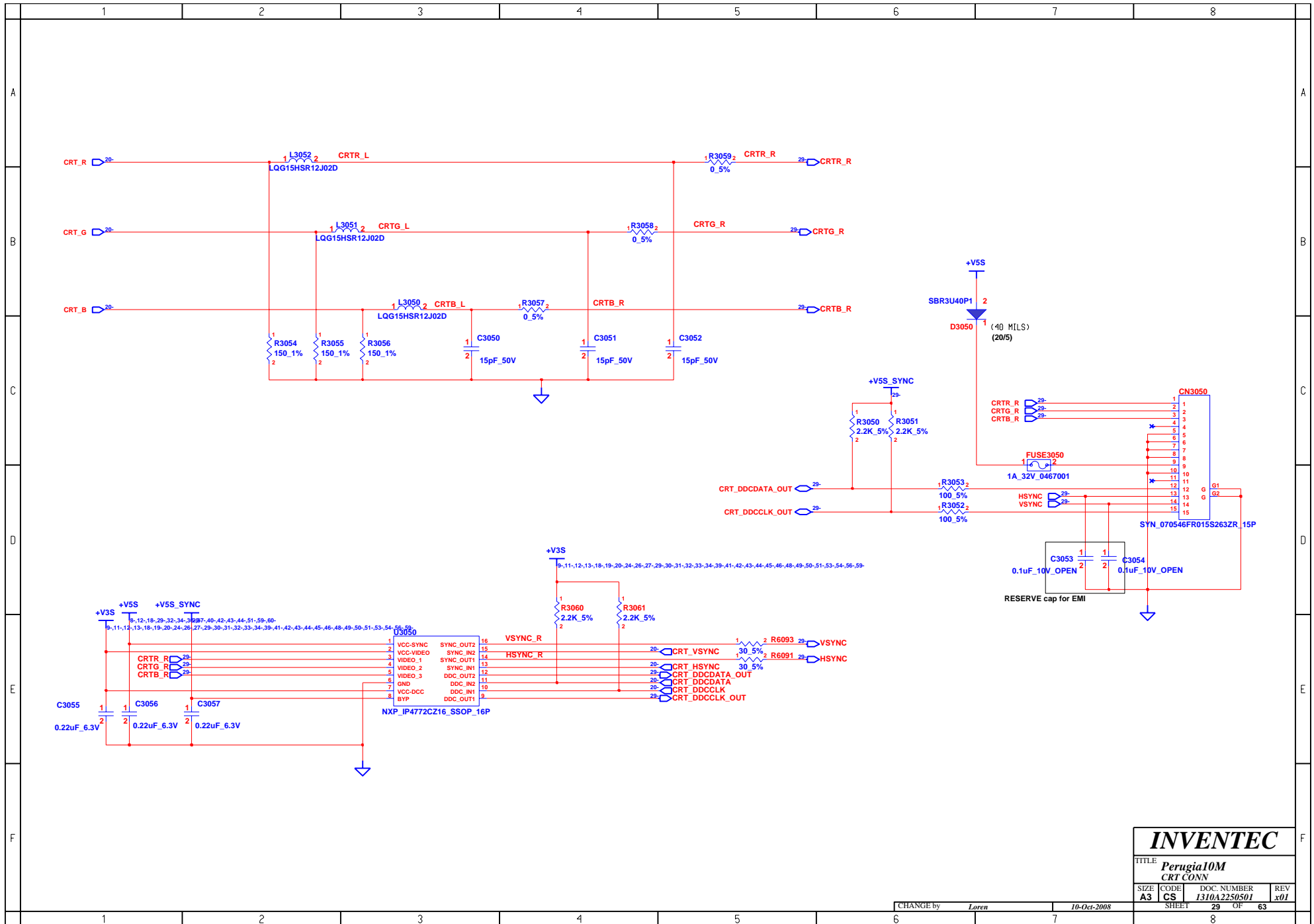
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LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S



INVENTEC			
TITLE Perugia10M DDR2-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER I310A2250501	REV x01
CHANGE by Loren		27-Sep-2003	
SHEET 28		OF 63	



INVENTEC

TITLE
Perugia10M
CRT CONN

SIZE A3	CODE CS	DOC. NUMBER I310A2250501	REV x01
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CHANGE by *Loren* 10-Oct-2008

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

U804-5

AA26 VSS001

AA27 VSS002

AA28 VSS003

AA29 VSS004

AB1 VSS005

AA23 VSS006

AB26 VSS007

AB25 VSS008

AB4 VSS009

AB5 VSS010

AC17 VSS011

AC25 VSS012

AC27 VSS013

AC3 VSS014

AD1 VSS015

AD10 VSS016

AD12 VSS017

AD13 VSS018

AD14 VSS019

AD17 VSS020

AD18 VSS021

AD21 VSS022

AD25 VSS023

AD23 VSS024

AD4 VSS025

AD5 VSS026

AD6 VSS027

AD7 VSS028

AD9 VSS029

AE13 VSS030

AE13 VSS031

AE14 VSS032

AE16 VSS033

AE17 VSS034

AE3 VSS035

AE20 VSS036

AE24 VSS037

AE3 VSS038

AE4 VSS039

AE5 VSS040

AE9 VSS041

AF13 VSS042

AF16 VSS043

AF18 VSS044

AF24 VSS045

AH26 VSS046

AF28 VSS047

AF27 VSS048

AF3 VSS049

AF7 VSS050

AF9 VSS051

AG13 VSS052

AG16 VSS053

AG18 VSS054

AG20 VSS055

AG23 VSS056

AG3 VSS057

AG5 VSS058

AG9 VSS059

AH12 VSS060

AH14 VSS061

AH17 VSS062

AH19 VSS063

AH2 VSS064

AH22 VSS065

AH23 VSS066

AH28 VSS067

AH5 VSS068

AH6 VSS069

AJ12 VSS070

AJ14 VSS071

AJ17 VSS072

AJ8 VSS073

B11 VSS074

B14 VSS075

B17 VSS076

B3 VSS077

B20 VSS078

B23 VSS079

B5 VSS080

B5 VSS081

C26 VSS082

C27 VSS083

E11 VSS084

E14 VSS085

E18 VSS086

E2 VSS087

E21 VSS088

E24 VSS089

E5 VSS090

E8 VSS091

F16 VSS092

F28 VSS093

F29 VSS094

G12 VSS095

G14 VSS096

G19 VSS097

G21 VSS098

G24 VSS099

G25 VSS100

G27 VSS101

H3 VSS102

H25 VSS103

H25 VSS104

H28 VSS105

H28 VSS106

VSS107 H5

VSS108 J23

VSS109 J26

VSS110 J27

VSS111 AC22

VSS112 K28

VSS113 K29

VSS114 L13

VSS115 L15

VSS116 L2

VSS117 L26

VSS118 L27

VSS119 L5

VSS120 L7

VSS121 M12

VSS122 M13

VSS123 M14

VSS124 M15

VSS125 M16

VSS126 M17

VSS127 M23

VSS128 M28

VSS129 M29

VSS130 N11

VSS131 N12

VSS132 N13

VSS133 N14

VSS134 N15

VSS135 N16

VSS136 N17

VSS137 N18

VSS138 N26

VSS139 N27

VSS140 P12

VSS141 P13

VSS142 P14

VSS143 P15

VSS144 P16

VSS145 P17

VSS146 P2

VSS147 P23

VSS148 P28

VSS149 P29

VSS150 P4

VSS151 P7

VSS152 R11

VSS153 R12

VSS154 R13

VSS155 R14

VSS156 R15

VSS157 R16

VSS158 R17

VSS159 R18

VSS160 R28

VSS161 T12

VSS162 T13

VSS163 T14

VSS164 T15

VSS165 T16

VSS166 T17

VSS167 T23

VSS168 B26

VSS169 U12

VSS170 U13

VSS171 U14

VSS172 U15

VSS173 U16

VSS174 U17

VSS175 AD23

VSS176 U26

VSS177 U27

VSS178 U3

VSS179 V1

VSS180 V13

VSS181 V15

VSS182 V23

VSS183 V28

VSS184 V29

VSS185 V4

VSS186 V5

VSS187 W26

VSS188 W27

VSS189 W3

VSS190 Y1

VSS191 Y28

VSS192 Y29

VSS193 Y4

VSS194 Y5

VSS195 AG28

VSS196 AH6

VSS197 AF2

VSS198 B25

VSS_NCTF1 A1

VSS_NCTF2 A2

VSS_NCTF3 A28

VSS_NCTF4 A29

VSS_NCTF5 AH1

VSS_NCTF6 AH29

VSS_NCTF7 AJ1

VSS_NCTF8 AJ2

VSS_NCTF9 AJ28

VSS_NCTF10 B1

VSS_NCTF11 AJ29

VSS_NCTF12 B29

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CHANGE by Loren

10-Oct-2008

SIZE A3

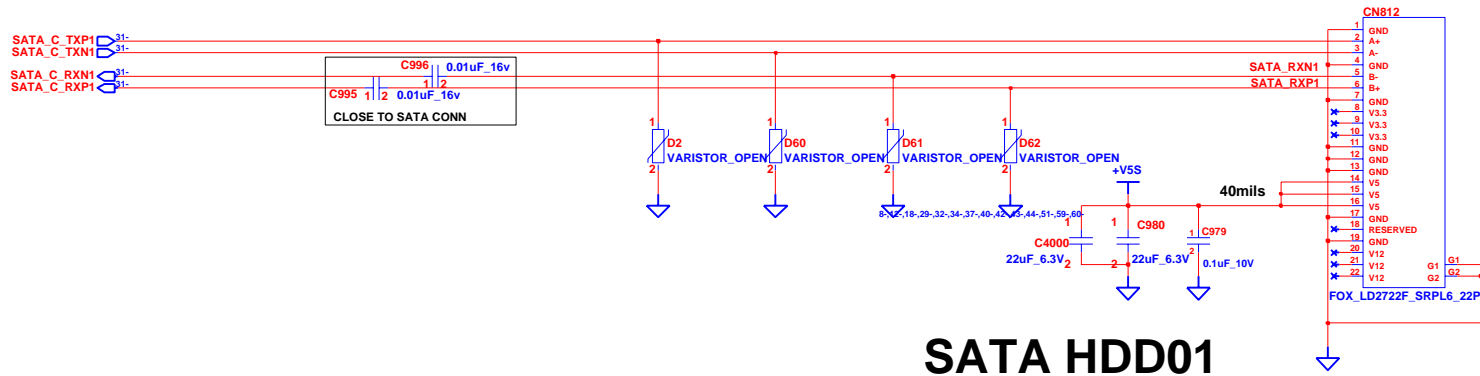
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DOC. NUMBER 1310A2250501

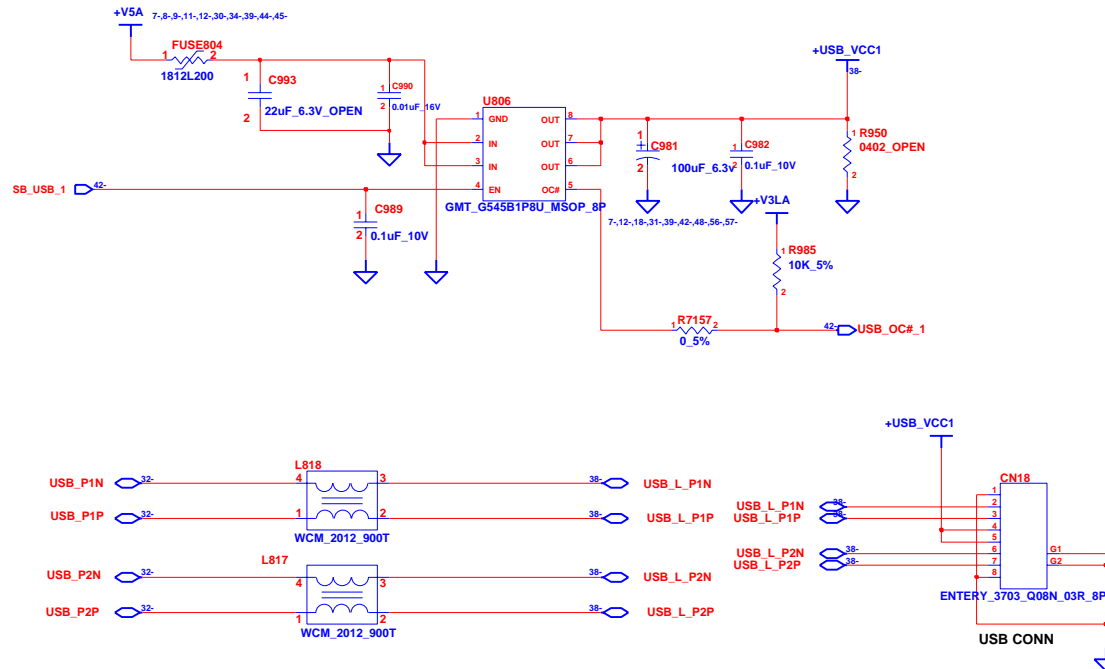
REV x01

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INVENTEC			
TITLE			
Perugia10M HDD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01
CHANGE by		11-Oct-2008	
SHEET		36	OF 63



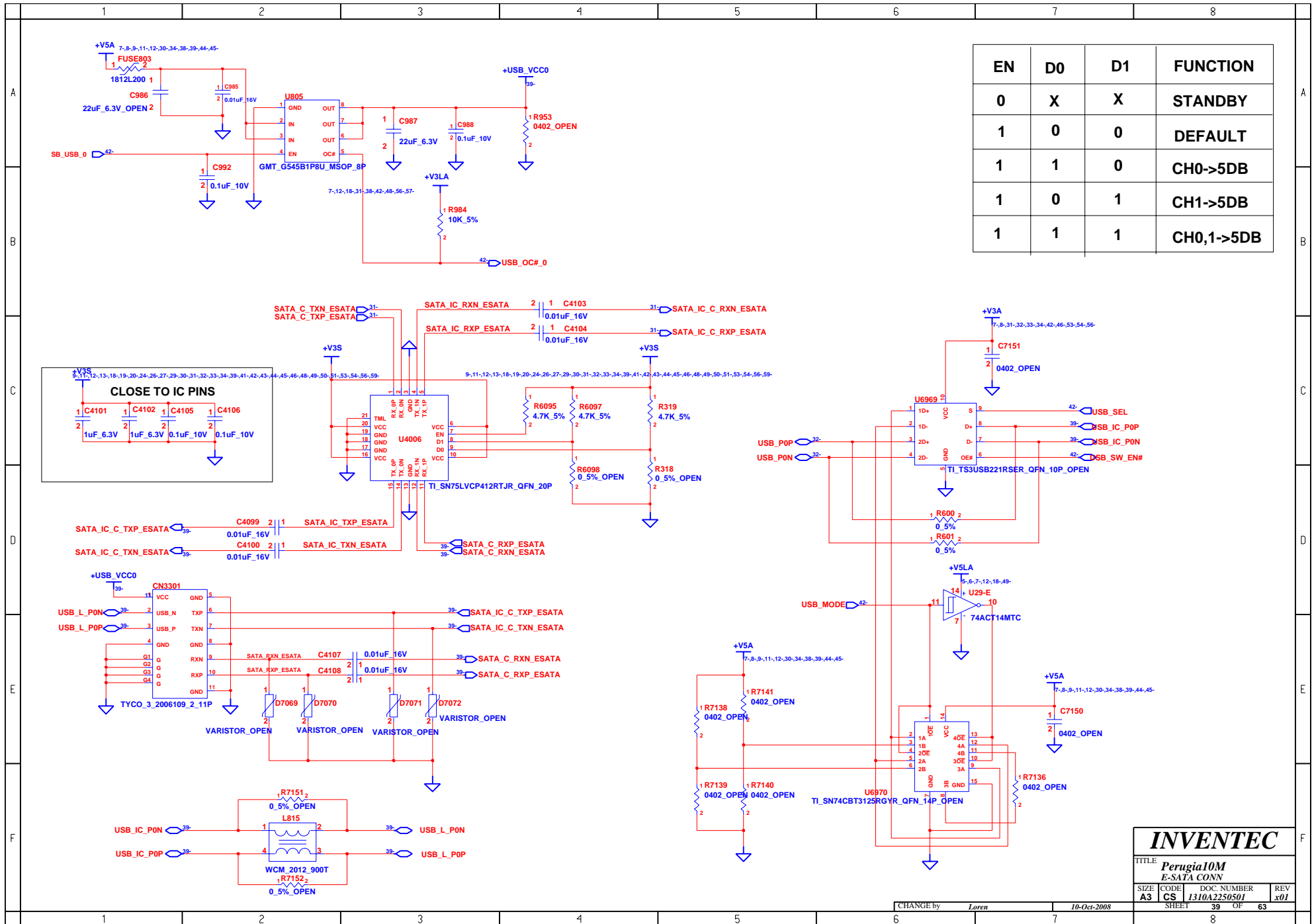
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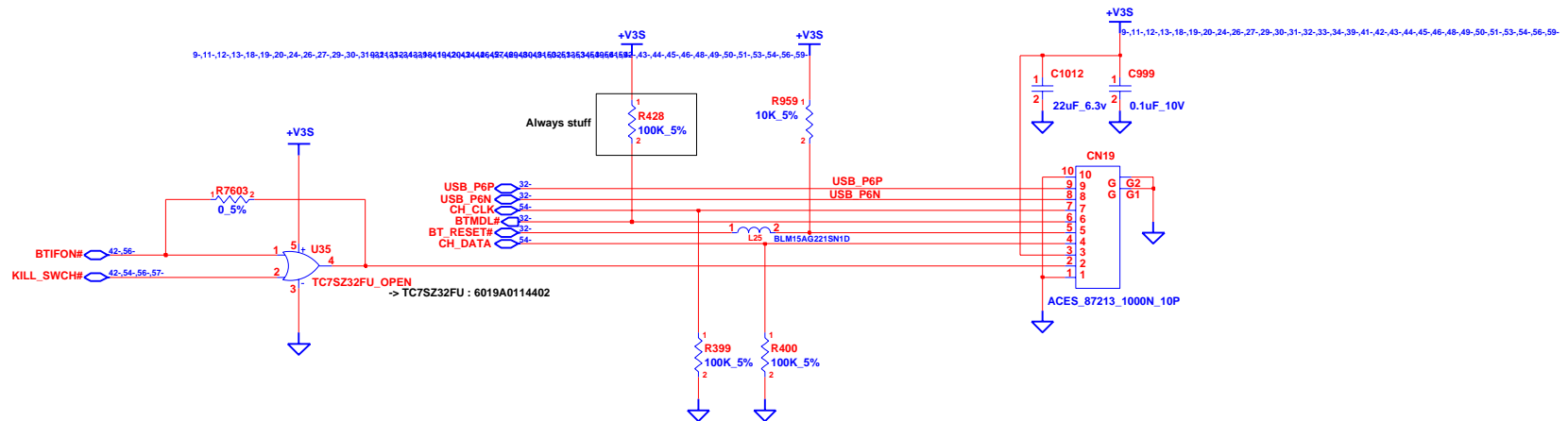
TITLE
Perugia10M
USB CONN/USB(DB)

SIZE A3	CODE CS	DOC. NUMBER I310A2250501	REV x01
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CHANGE by *Loren* 10-Oct-2008

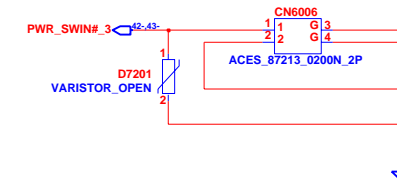
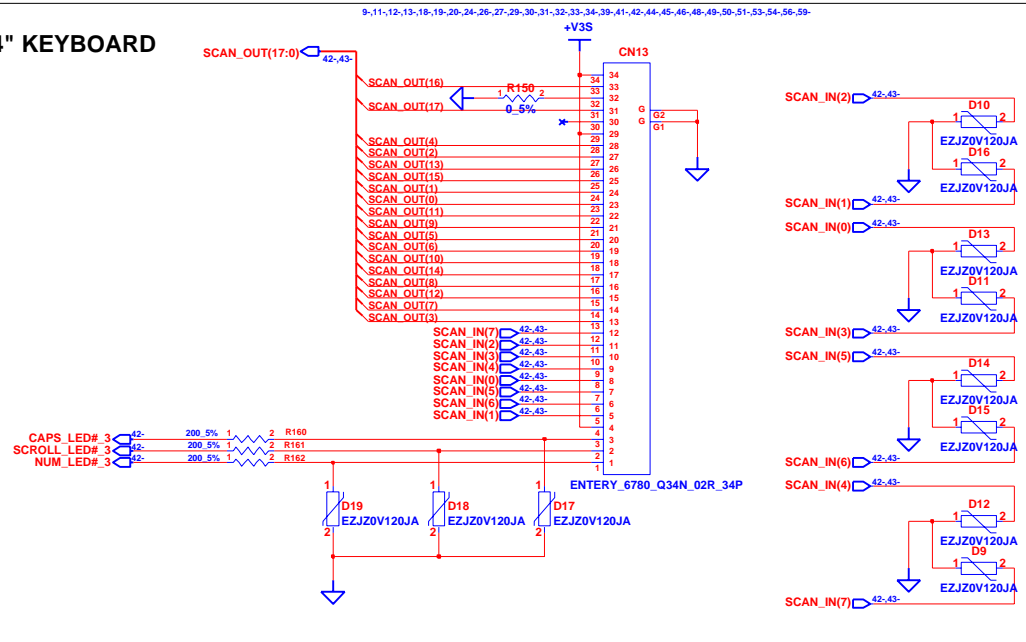
SHEET 38 OF 63



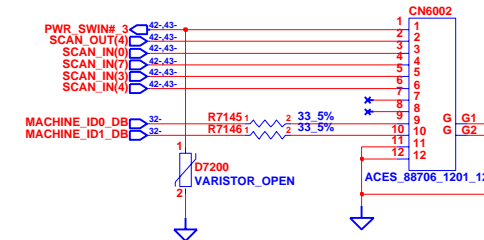


INVENTEC			
TITLE			
Perugia10M Bluetooth			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01
CHANGE by		10-Oct-2008	
Loren			
SHEET		41	OF 63
		8	

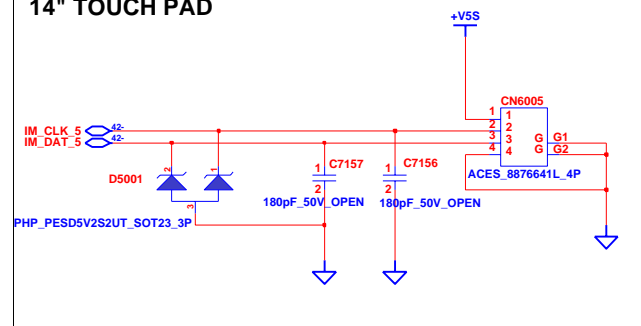
14" KEYBOARD



Hotkey



14" TOUCH PAD

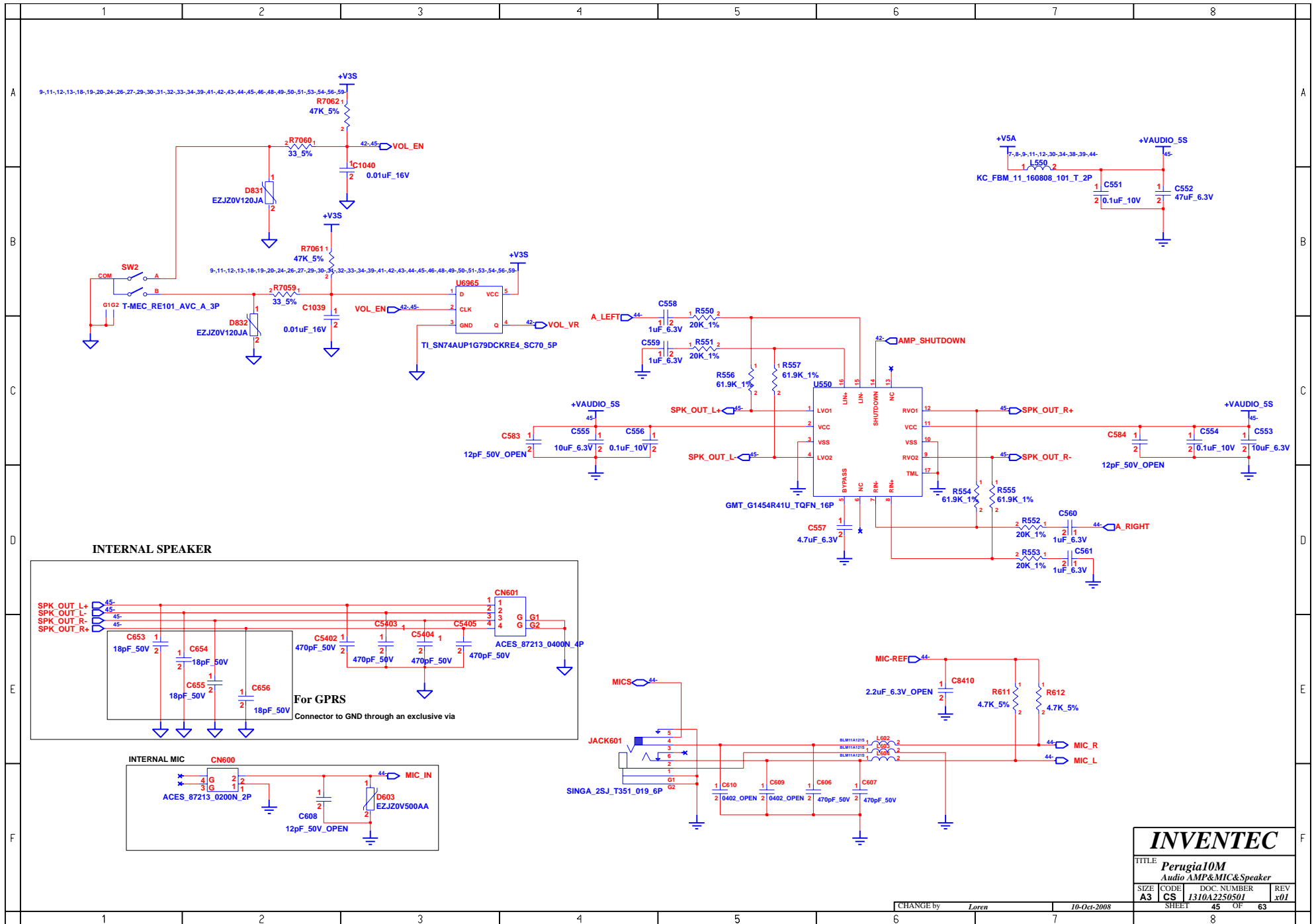


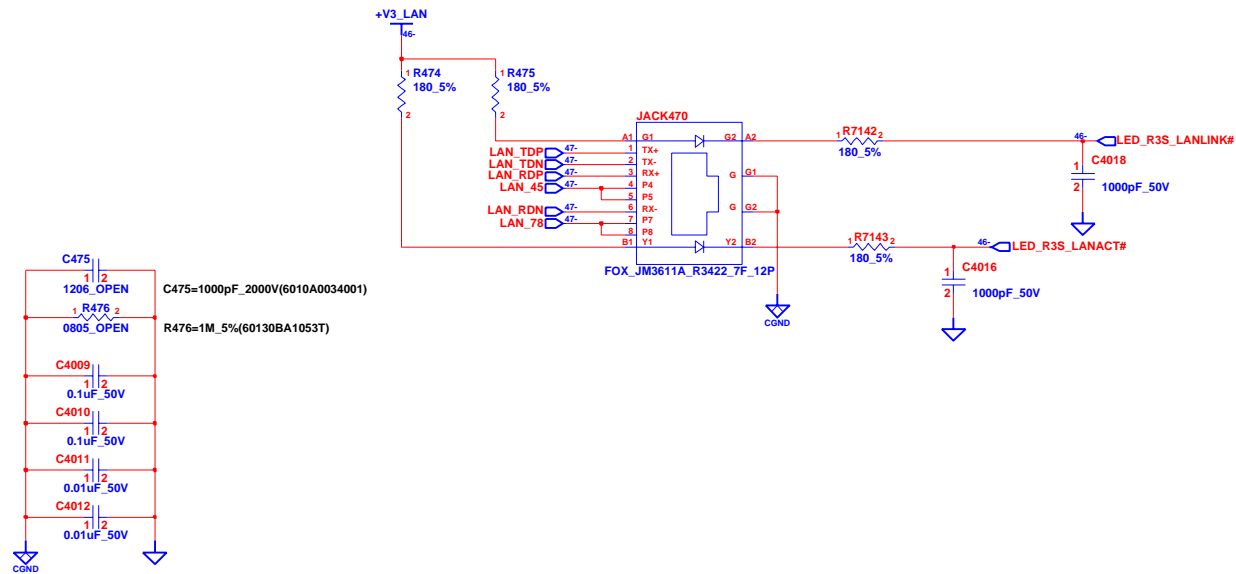
INVENTEC

TITLE			
Perugia10M			
K/B & TP/B CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

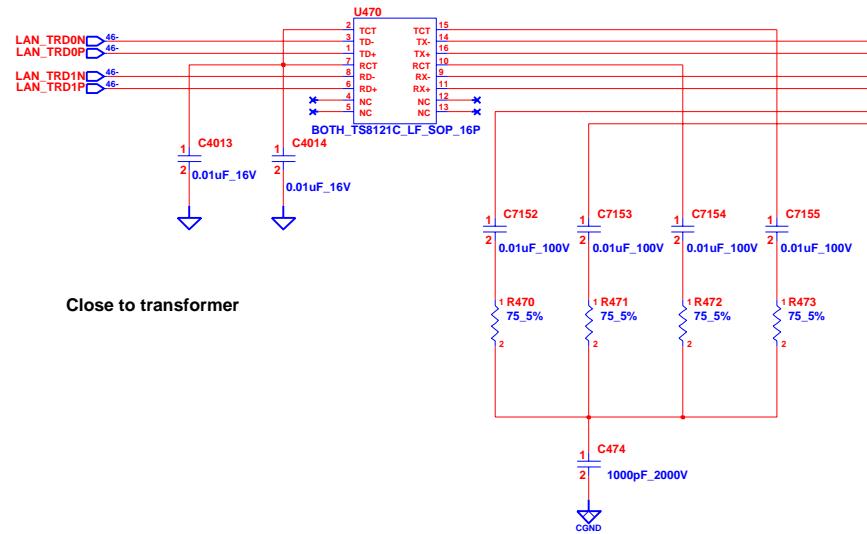
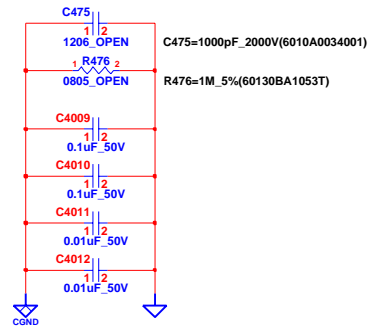
CHANGE by Loren 10-Oct-2008

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LEDS1-0	00	* 01	10	11
LED0	Tx/Rx	Tx/Rx	Tx	LINK10 ACT
LED1	LINK100	LINK 10/100/1000	LINK	LINK100 ACT
LED2	LINK10	LINK10/100	Rx	ULL
LED3	LINK1000	LINK1000	ULL	LINK1000 ACT



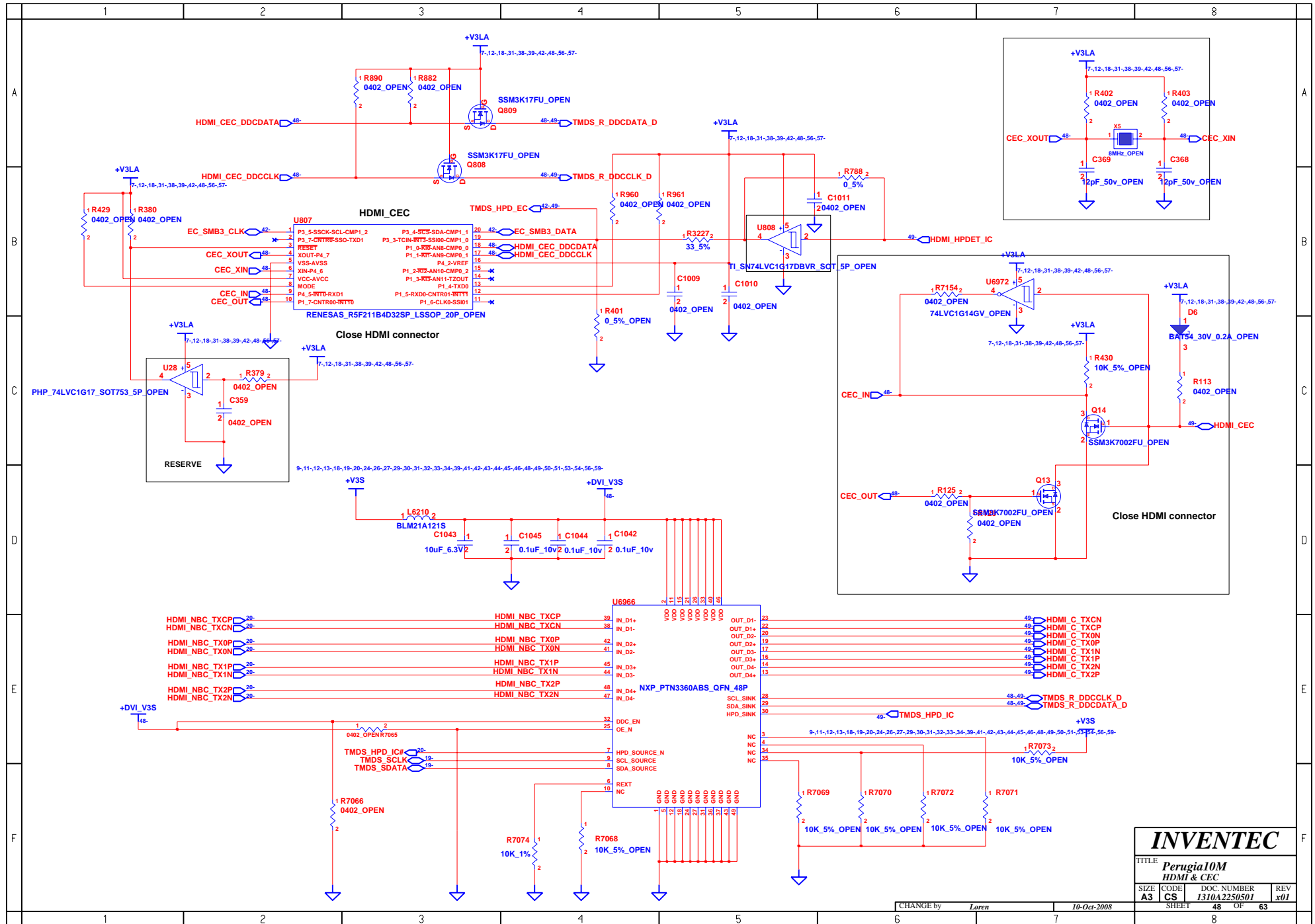
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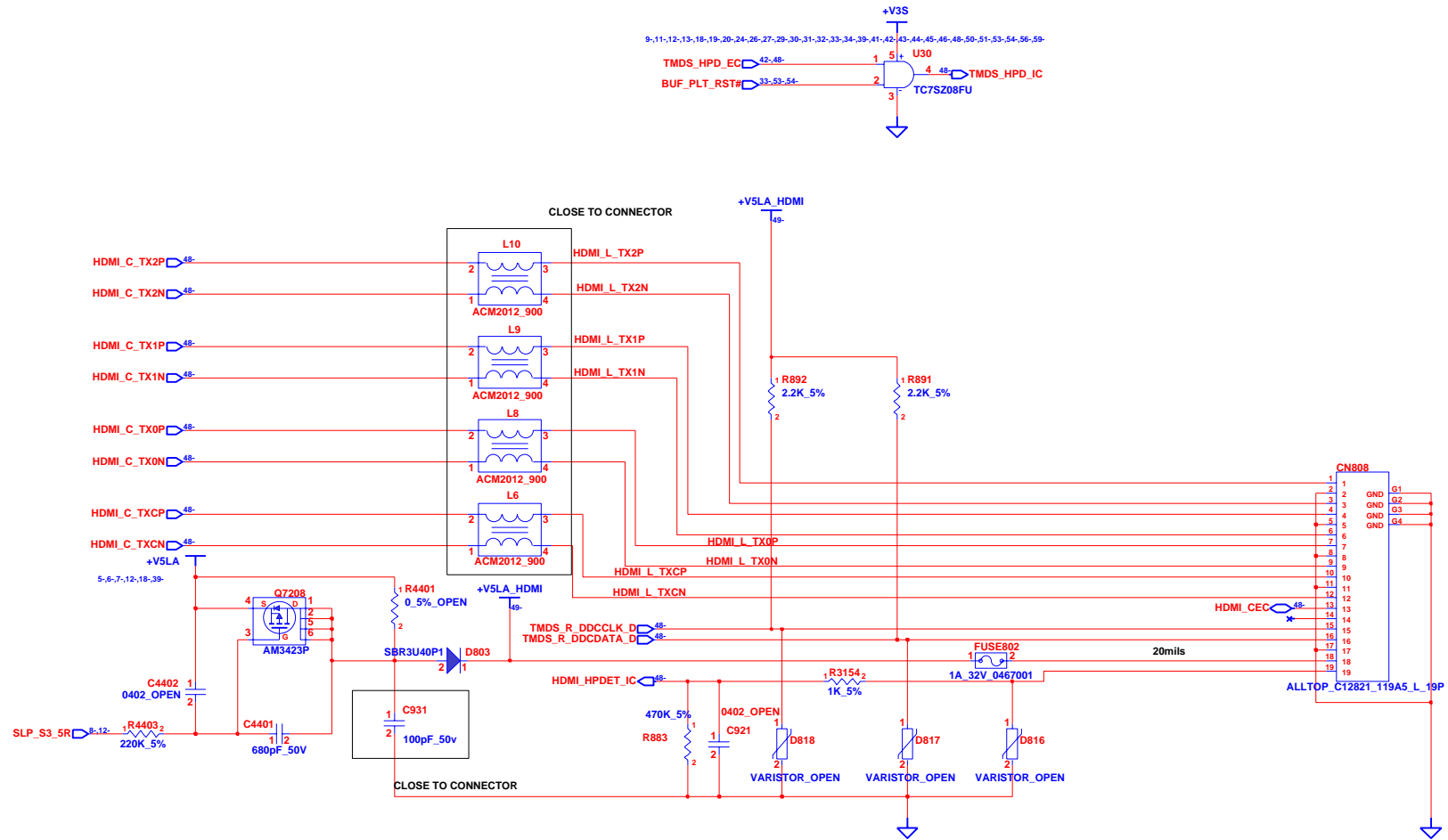
TITLE
Perugia10M
Transformer&RJ45

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

CHANGE by Loren 20-Oct-2008

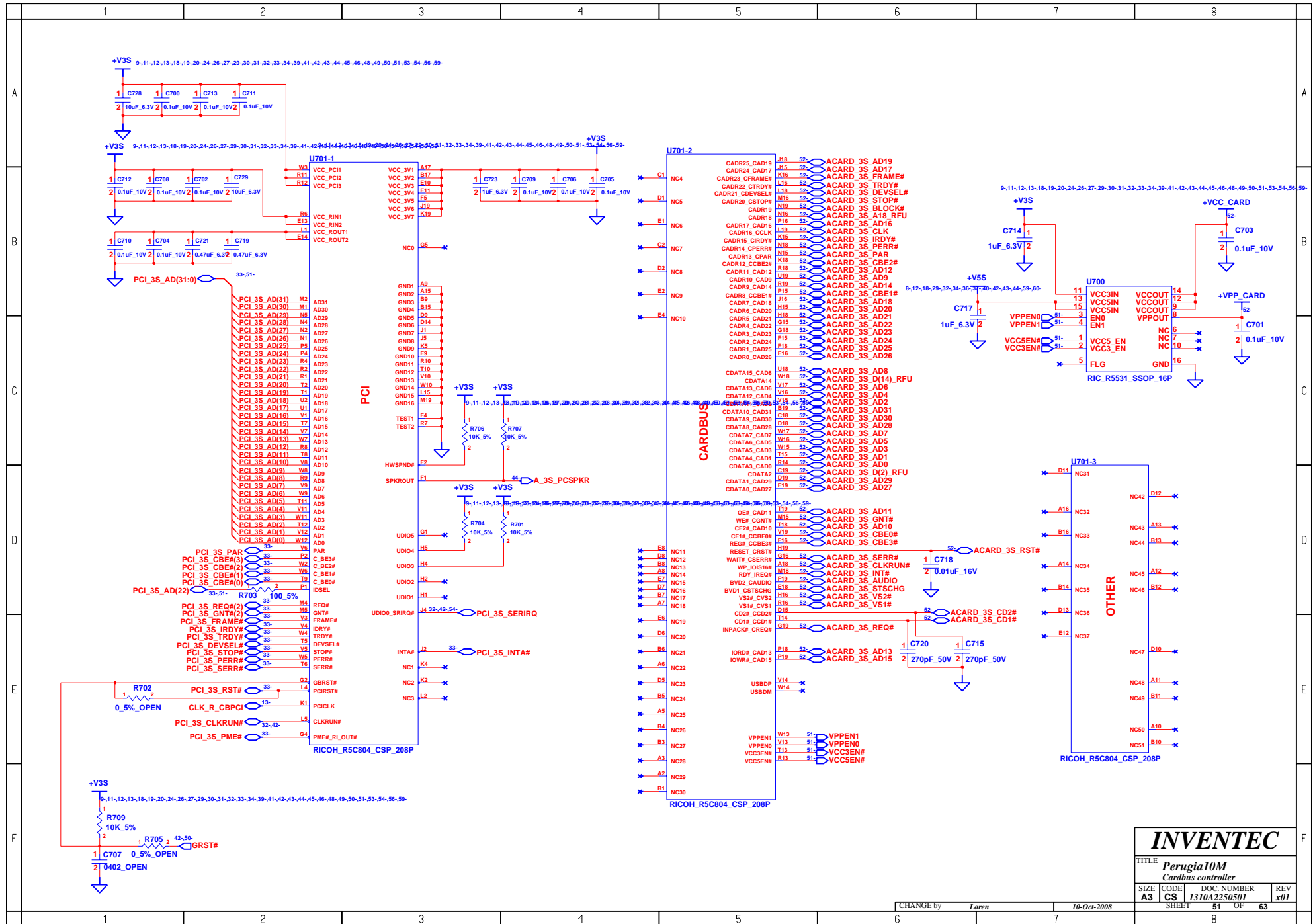
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INVENTEC

TITLE Perugia10M HDMI CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01
CHANGE by <i>Loren</i>		10-Oct-2008	
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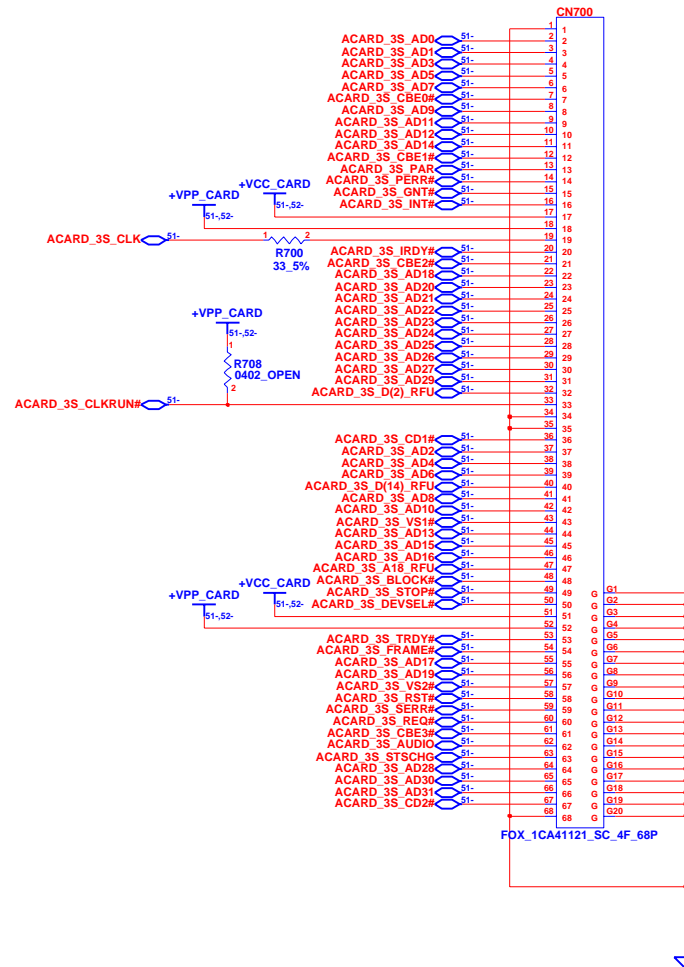
INVENTEC

TITLE
Perugia10M
Cardbus controller

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

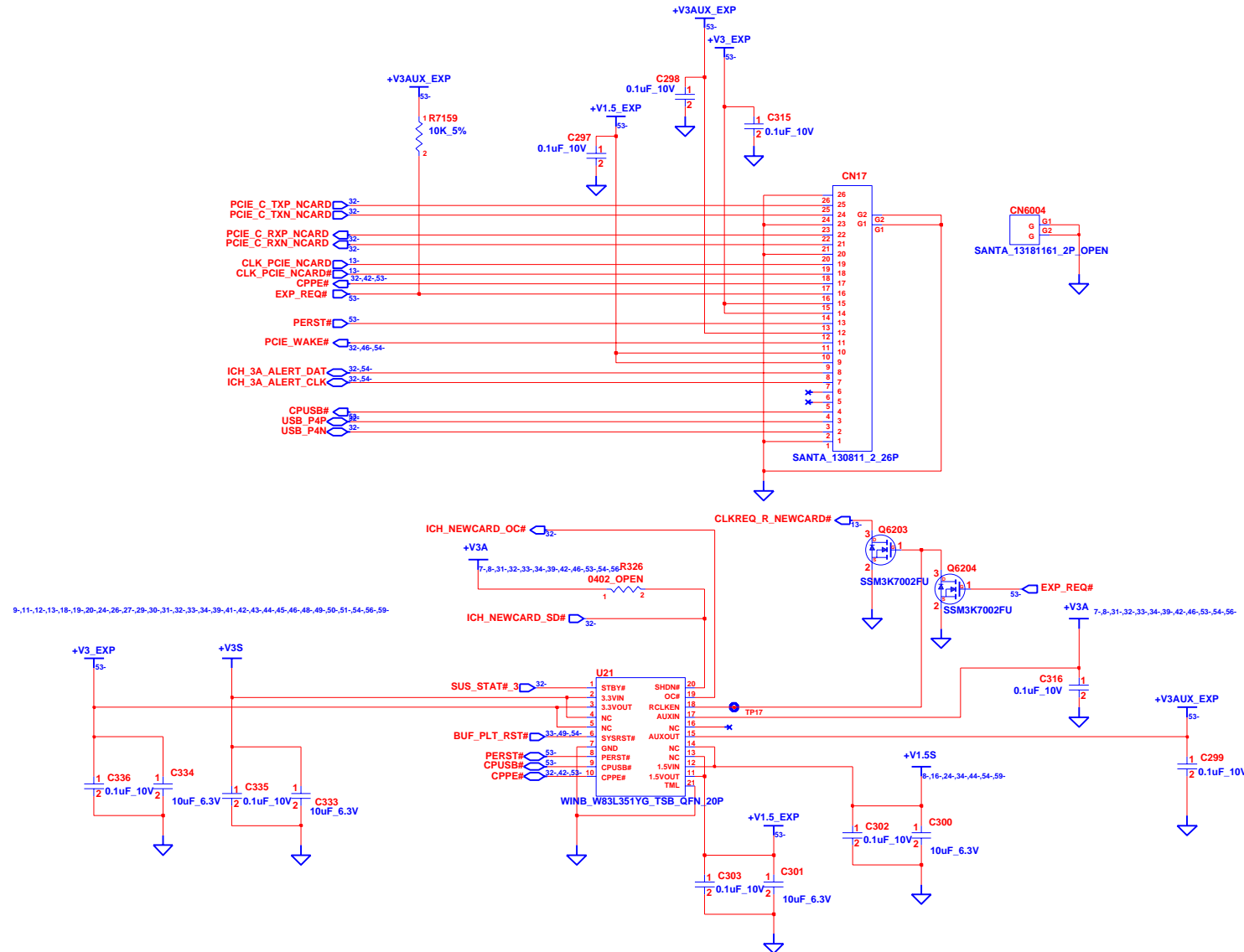
CHANGE by *Loren* 10-Oct-2008

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INVENTEC

TITLE			
Perugia10M			
Cardbus controller			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01
CHANGE by		10-Oct-2008	
Loren			
SHEET		52	OF 63



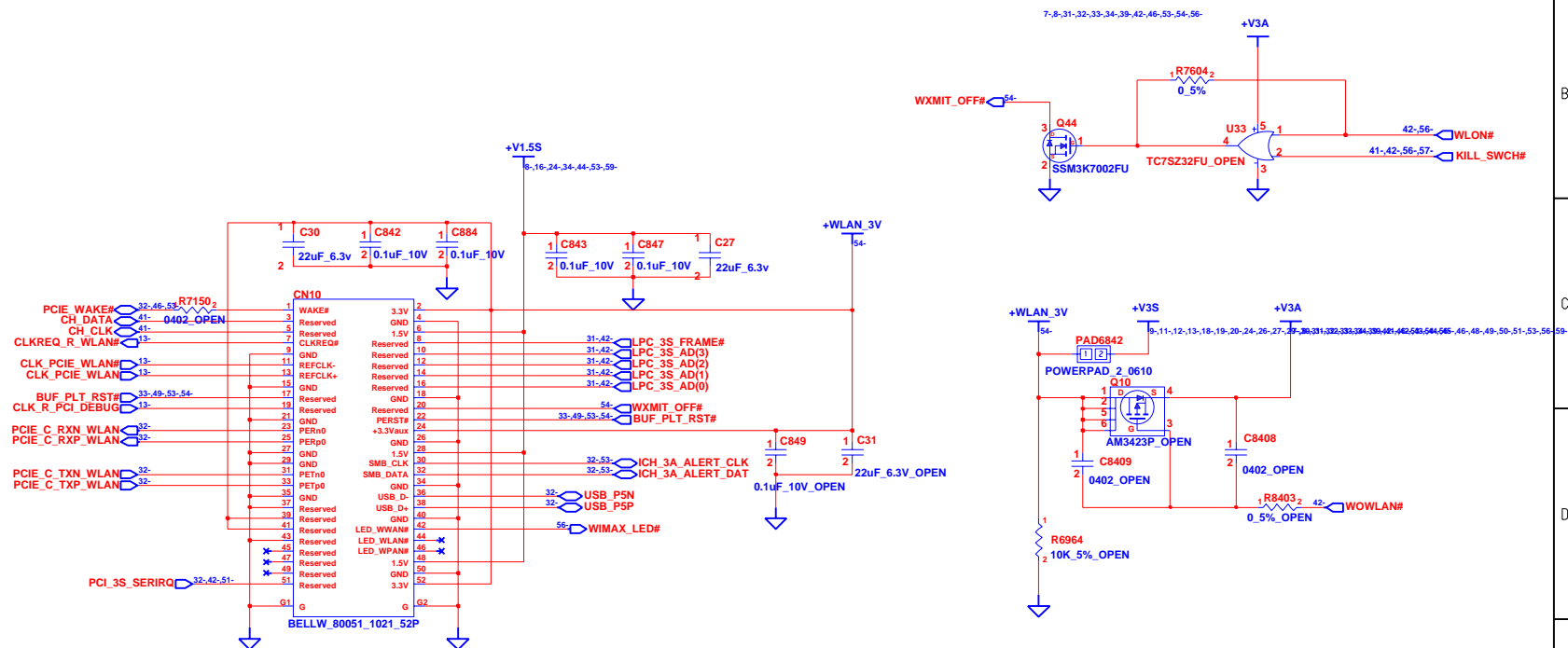
INVENTEC

TITLE			
Perugia10M			
Express Card CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2250501	x01

CHANGE by Loren 10-Oct-2008

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Wireless & Debug card

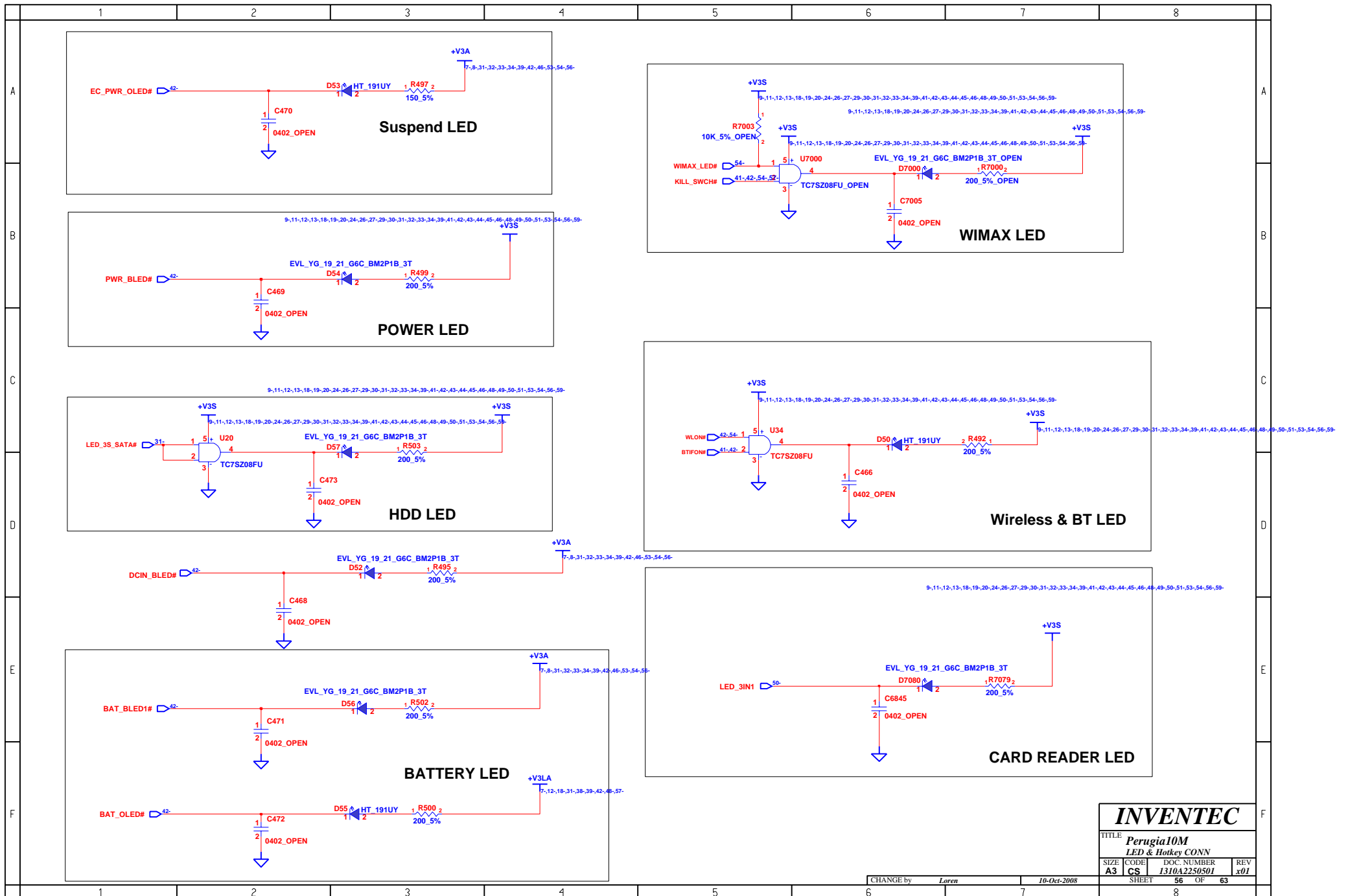
**INVENTEC**

TITLE	Perugia10M <i>Wireless & debug card</i>
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2250501	x01

CHANGE by	<i>Loren</i>	<i>10-Oct-2008</i>
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8

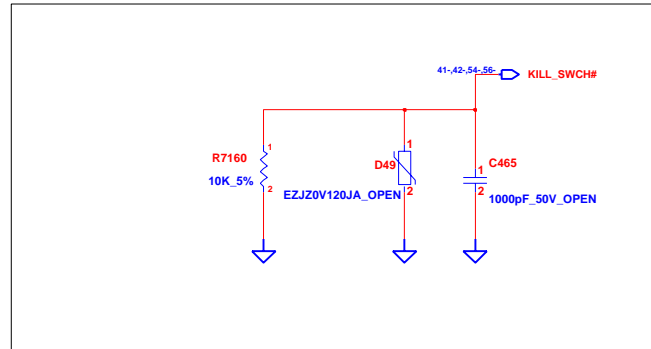


INVENTEC			
TITLE <i>Perugia10M</i> LED & Hotkey CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>1310A2250501</i>	REV <i>x01</i>
SHEET		56	OF 63

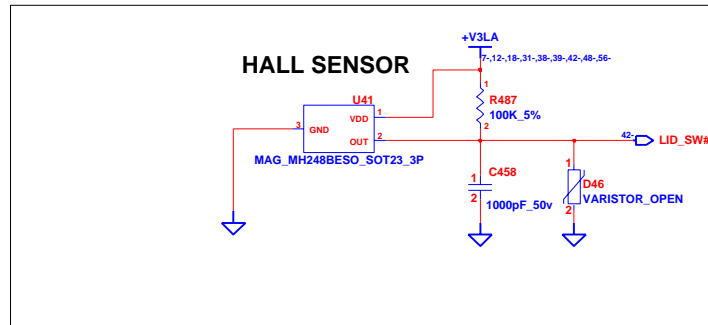
CHANGE by *Loren* 10-Oct-2008

KILL SWITCH

WLAN ON: KILL_SWCH# -> Low
WLAN OFF: KILL_SWCH# -> High



HALL SENSOR

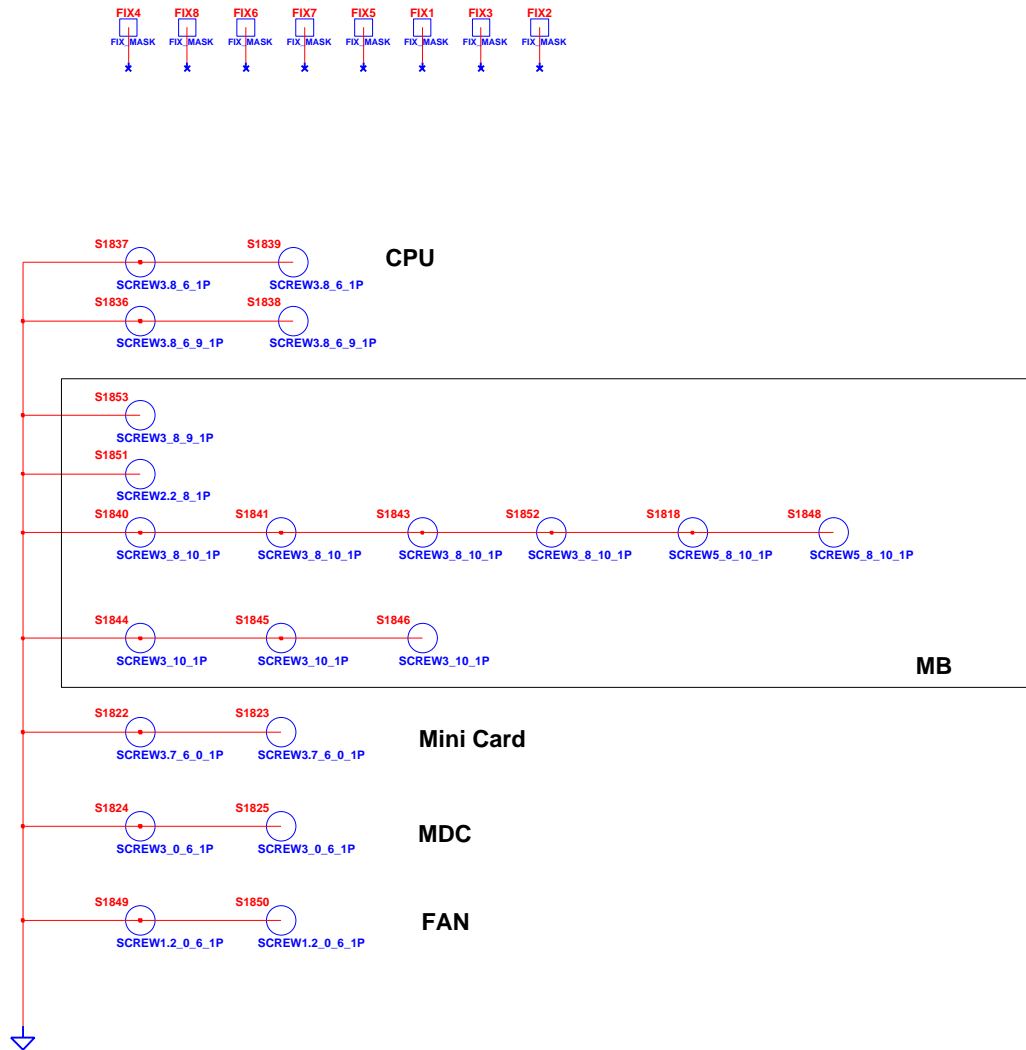


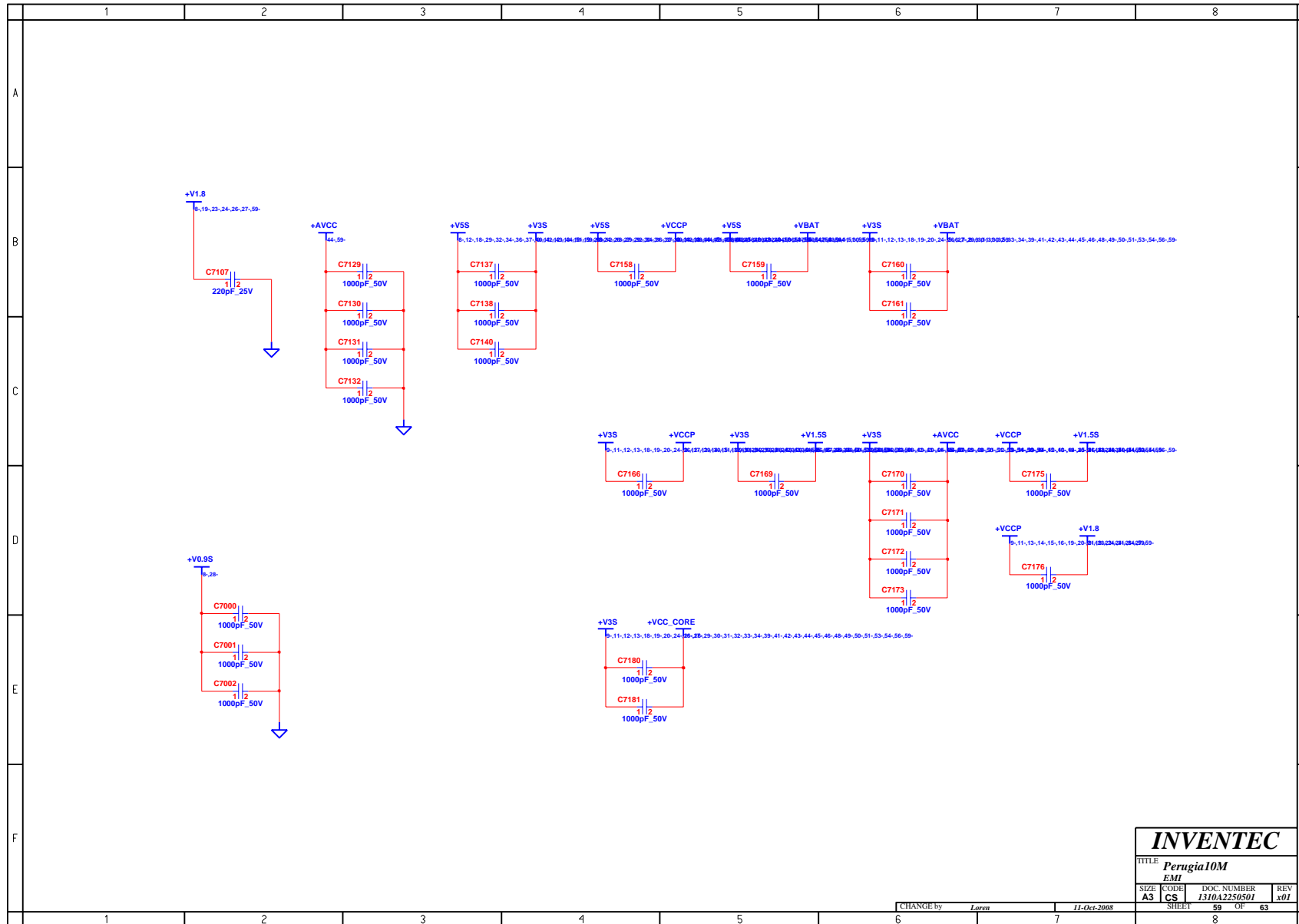
INVENTEC

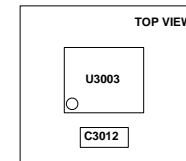
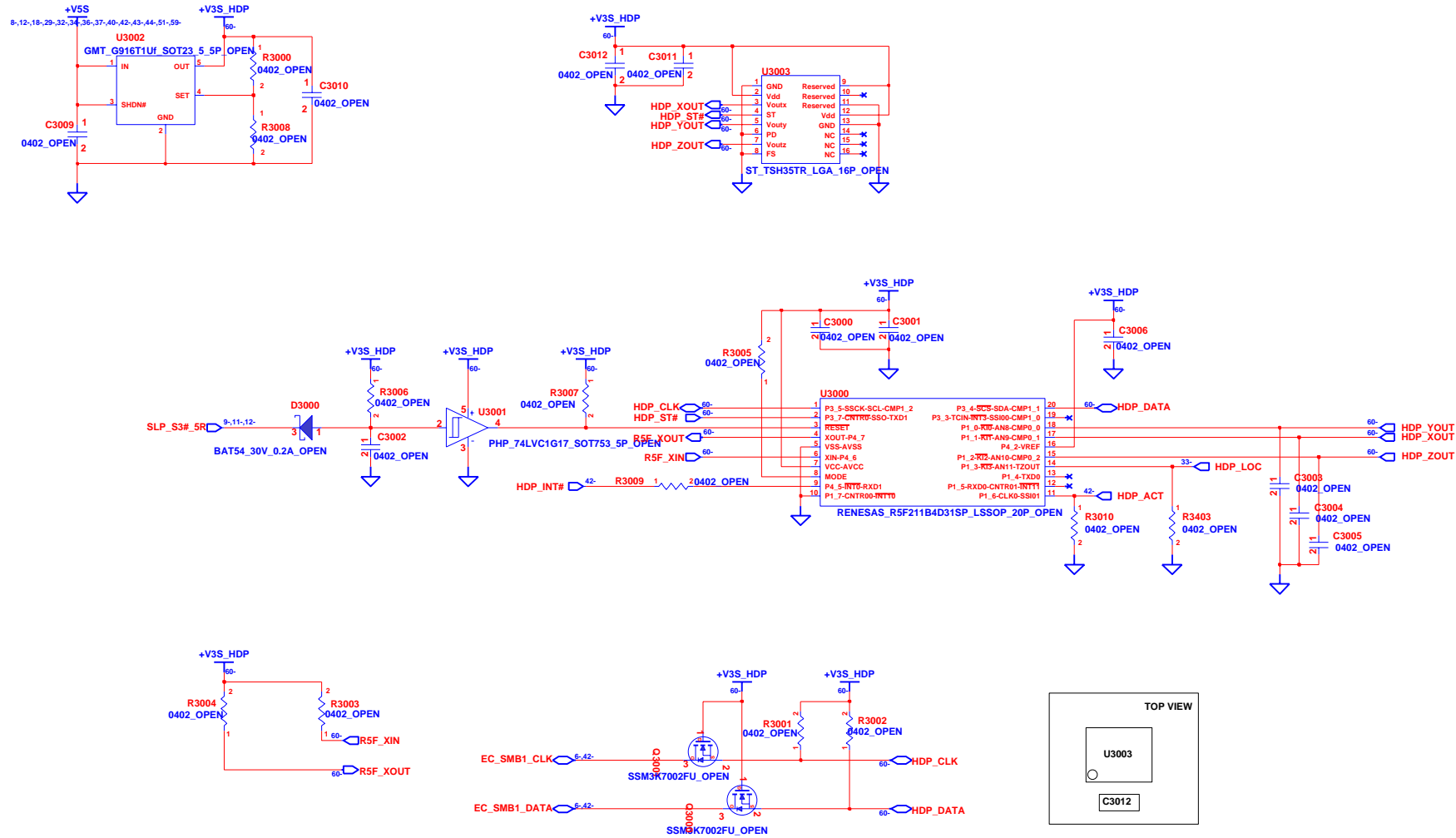
TITLE			
Perugia10M			
Kill Swich & Hall Sensor			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2250501	x01

CHANGE by Loren 10-Oct-2008

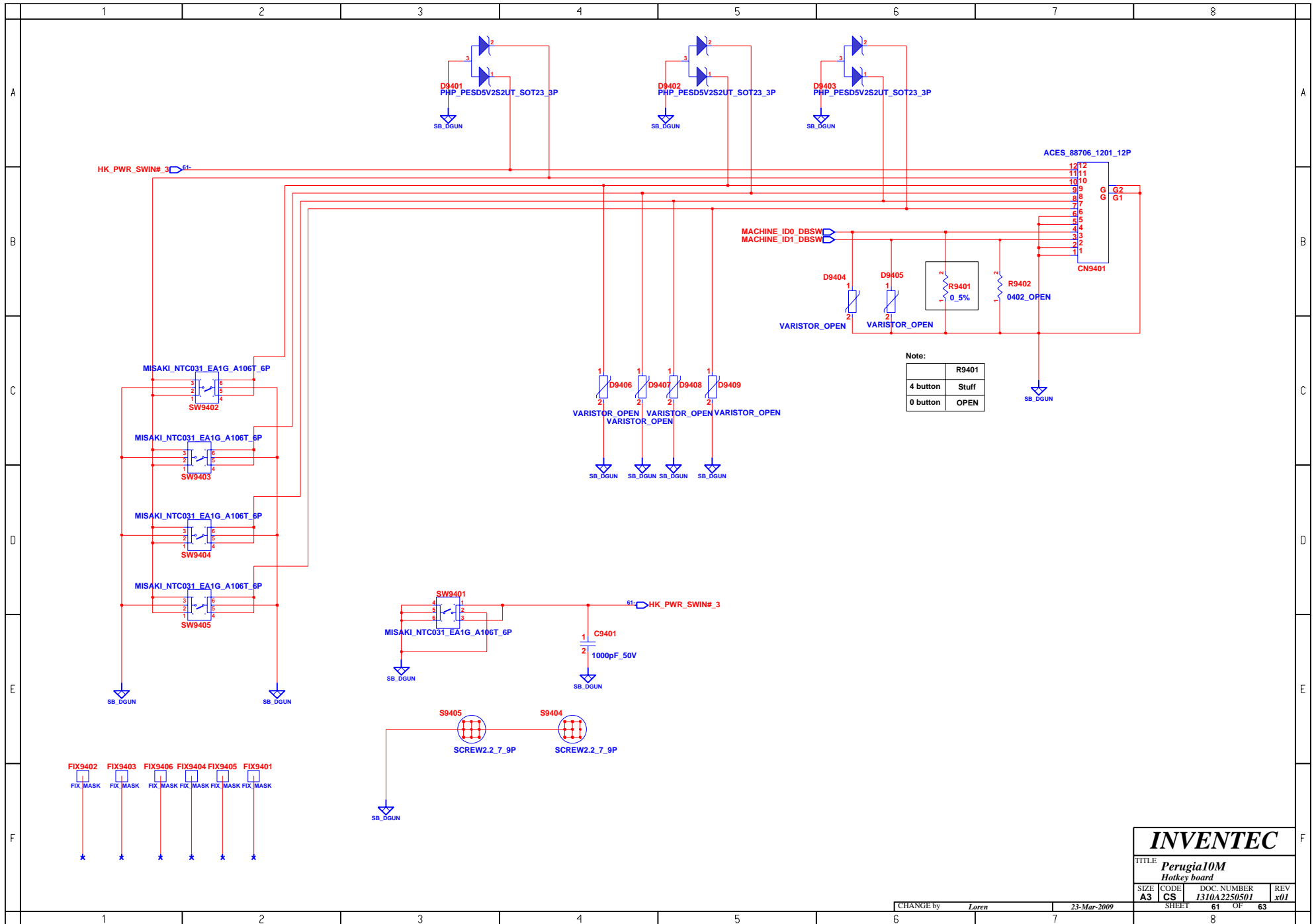
SHEET 57 OF 63

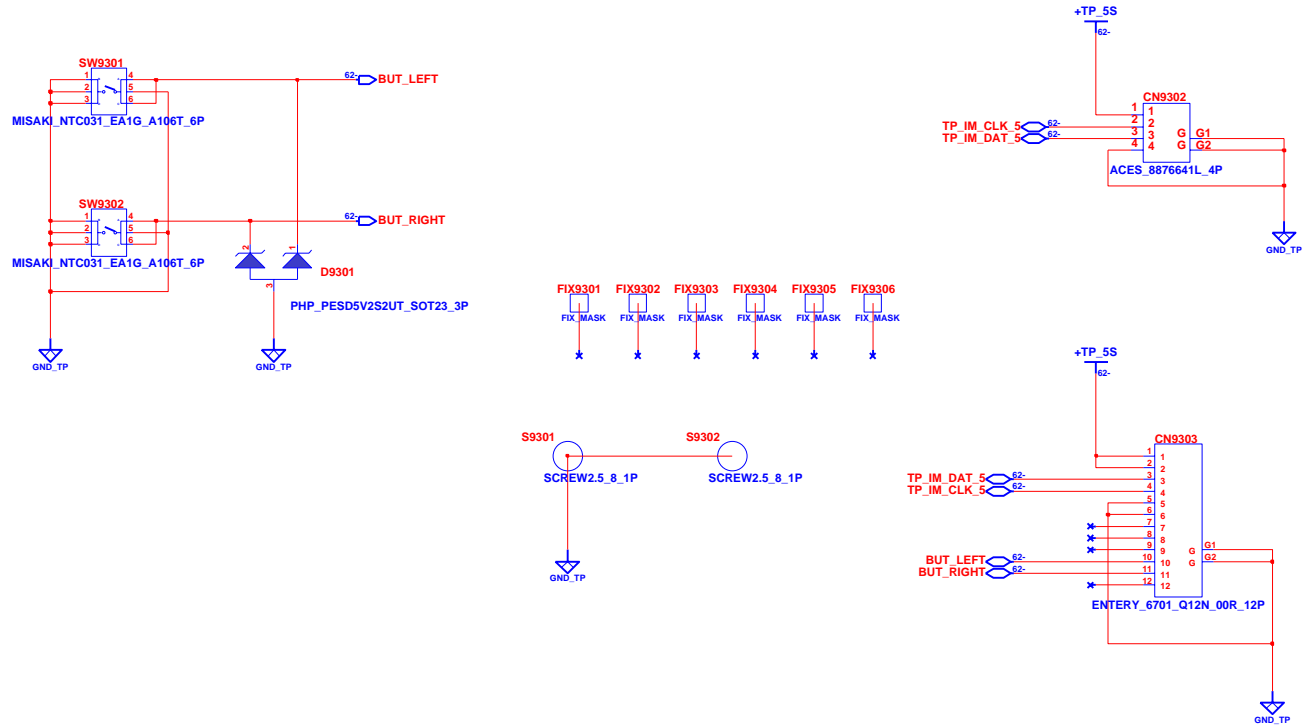






INVENTEC			
TITLE			
Perugia10M			
3D sensor			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2250501	x01
CHANGE by		Loren	16-Dec-2008
SHEET		60	OF 63





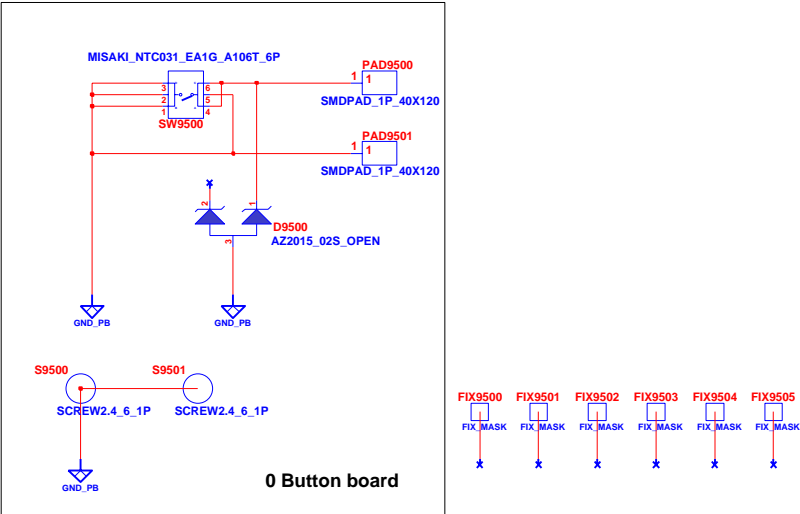
INVENTEC

TITLE
Perugia10M
touch pad board

SIZE A3	CODE CS	DOC. NUMBER I310A2250501	REV x01
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CHANGE by **Loren** 16-Dec-2008

SHEET 62 OF 63



INVENTEC

TITLE
Perugia10M
power board

SIZE A3	CODE CS	DOC. NUMBER 1310A2250501	REV x01
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CHANGE by *Loren* 22-Apr-2009

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