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BERLIN 10G

M96/M92/Madison/Park

MP Build

2010.03.18

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC			
DESIGN					TITLE			
CHECK					BL10G			
RESPONSIBLE								
SIZE = 3					SIZE	CODE	DOC. NUMBER	REV
FILE NAME : XXXX-XXXXXX-XX					A3	CS	<i>Model No</i>	X01
P/N XXXXXXXXXXXX					SHEET	1	OF	66

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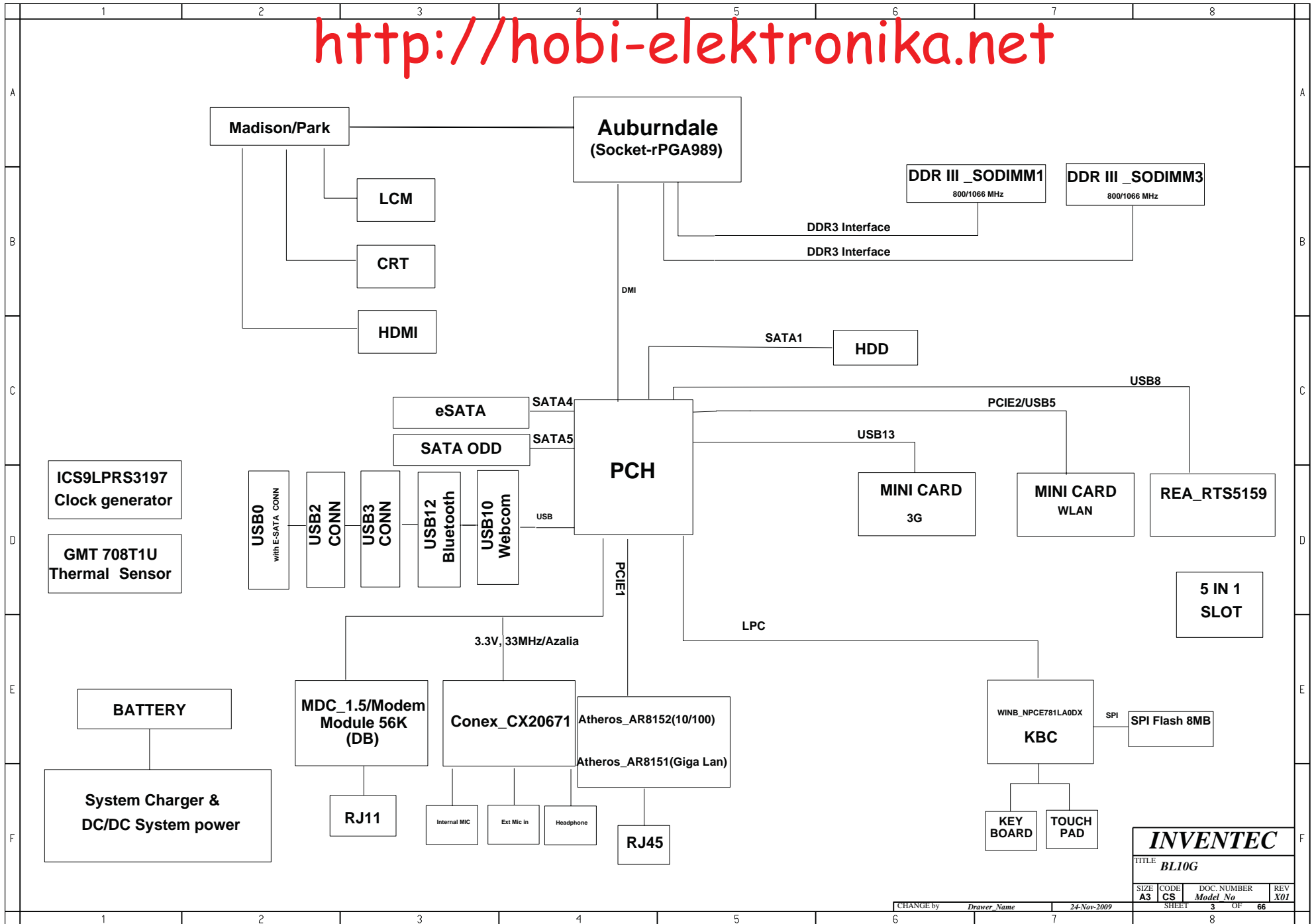
INVENTEC

TITLE
BL10G

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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TITLE BL10G			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by Drawer Name		24-Nov-2009	
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Need to update power map.

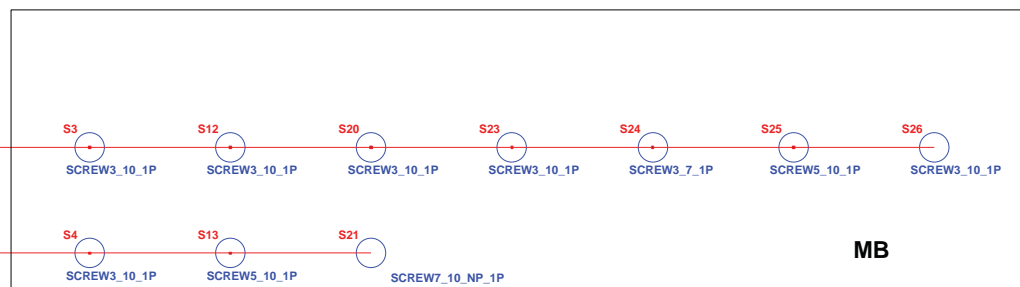
INVENTEC			
TITLE BL10G			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by Drawer Name		23-Nov-2009	
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CPU

S1 S10 S18 S22
SCREW330_600_800_1P SCREW330_600_800_1P SCREW330_600_800_1P SCREW330_600_800_1P



MB

Mini Card

S5 S14
SCREW1.2_5_0_1P SCREW1.2_5_0_1P

MDC

S6 S15
SCREW3_0_5_1P SCREW3_0_5_1P

FAN

S7 S16
SCREW1.2_0_5_1P SCREW1.2_0_5_1P

PCH

S17 S27
SCREW1.2_0_5_1P SCREW1.2_0_5_1P

GPU

S9 S11 S19 S33
SCREW320_400_500_1P SCREW320_400_500_1P SCREW320_400_500_1P SCREW320_400_500_1P

INVENTEC

TITLE **BL10G SCREW**

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

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FUSE6000
 PARK XT: 8A(6036A0003401)
 MADISON LP:10A(6036A0002901)

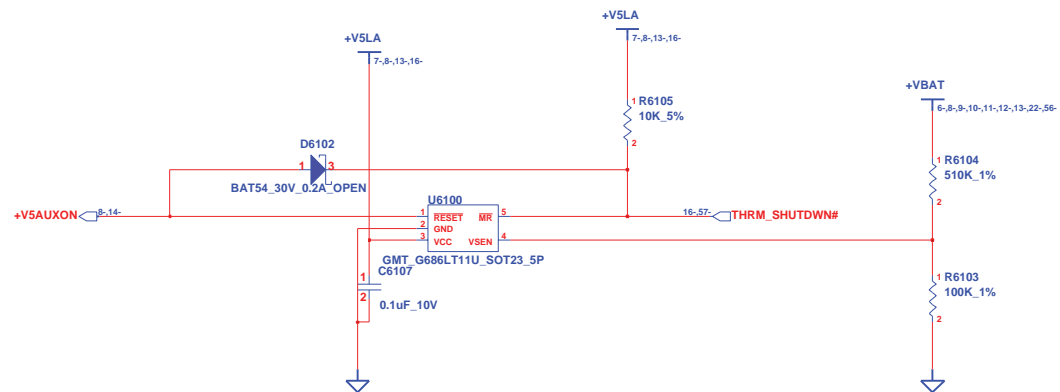
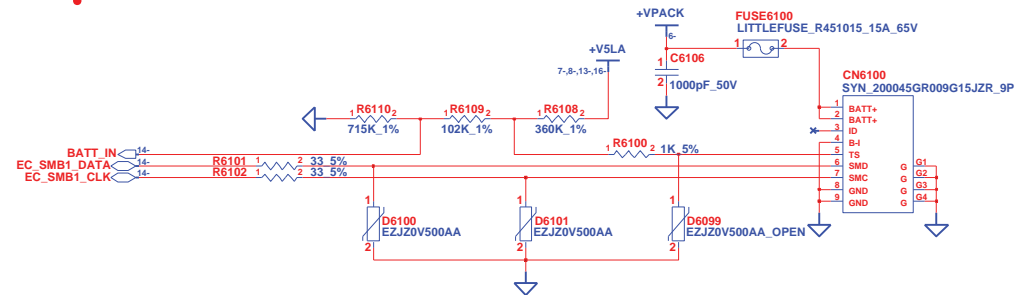
0X15
 8.4V : 40D0h
 12.6V : 3140h
 16.8V : 41A0h

0X14
 512mA : 0200h_512mA
 1.5A : 0600h_1.54A
 3A : 0C00h_3.07A

INVENTEC
 TITLE: BLI0G SYSTEM POWER
 SIZE: A3 CS
 CODE: 6
 DOC. NUMBER: Model No
 REV: X01
 SHEET: 6 OF 66

CHANGE by: Drawer Name 20-Oct-2009

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INVENTEC

TITLE
BL10G
SELECT & BATTERY CONN

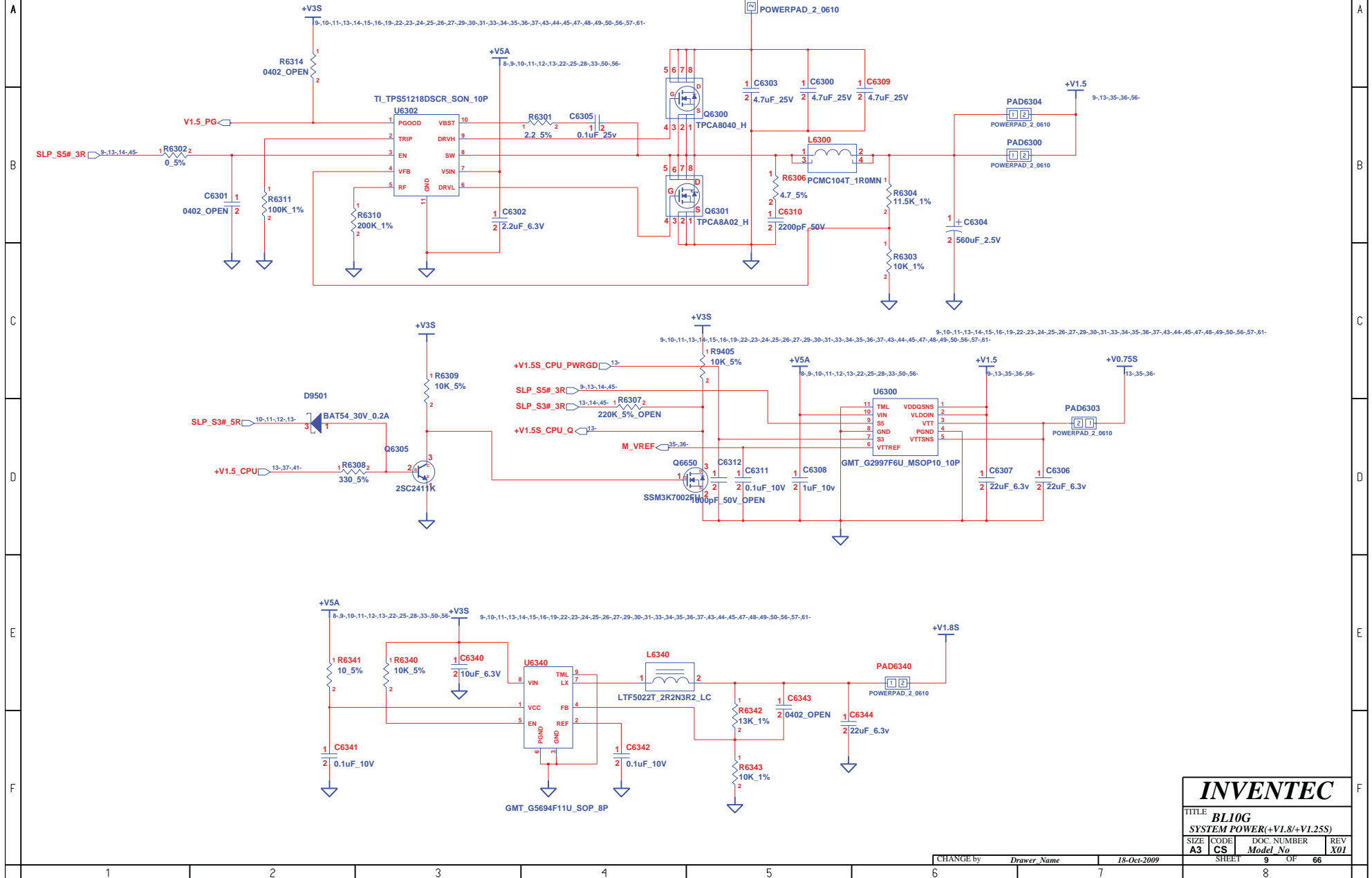
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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INVENTEC

TITLE
BL10G
SYSTEM POWER(+V1.8/+V1.25S)

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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[illegible]

TITLE			
BL10G +VTT/+V1.05S			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>X01</i>
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CS	Model No		
SHEET	10	OF	66

SIZE A3	CODE CS	DOC. NUMBER <i>Model_No</i>	R A
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1



A3	CS	Model_No	A01
SHEET		12	OF 66

TITLE			
BL10G POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>X01</i>
SHEET		13 OF	66

A3	CS	Model No		
	SHEET	13	OF	66

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EC_SMB1 EC_SMB2 EC_SMB3
1.Battery 1.Charge 1.CPU Thermal
2.GPU Thermal

WINB_W25Q80BVSSIG_SOIC_8P

WINB_NPCET781A0DX_LQFP_128P

781L 6019B0601401
781C 6019B0623301

POWERPAD1x1m

INVENTEC

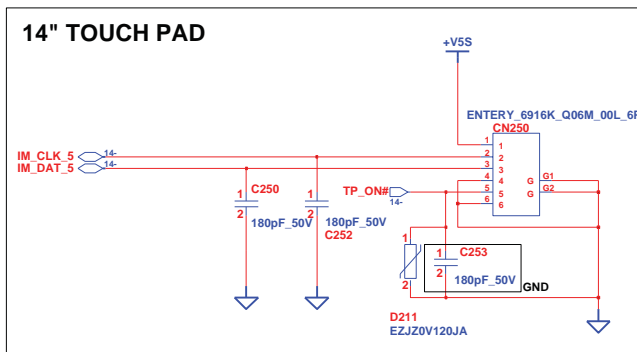
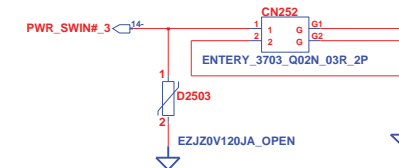
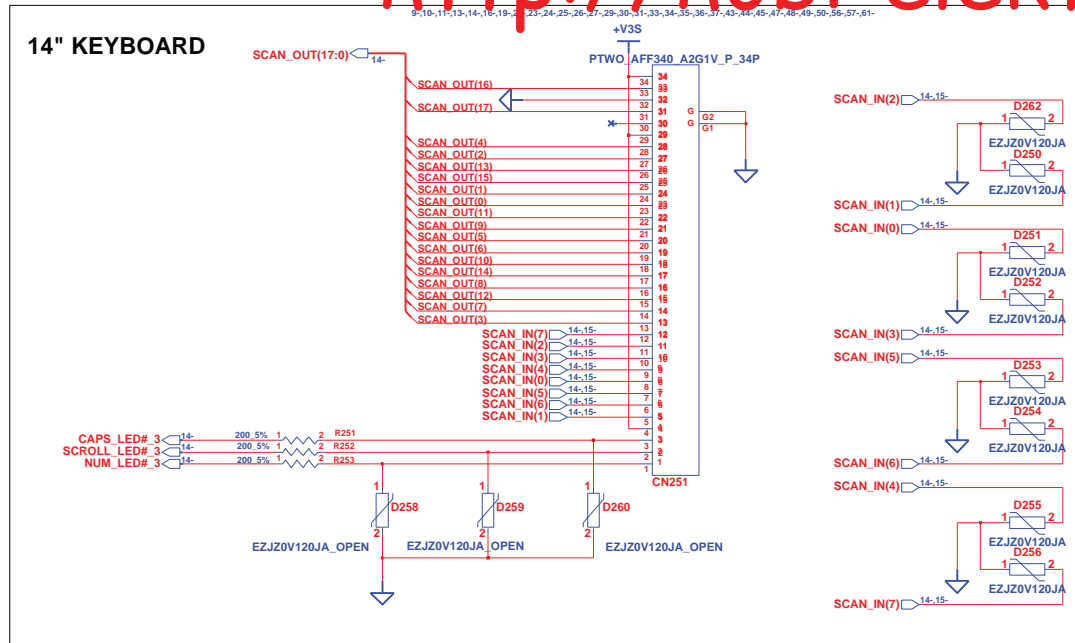
TITLE BL10G SUPER I/O (KBC)

SIZE A3 CODE DOC. NUMBER REV X01

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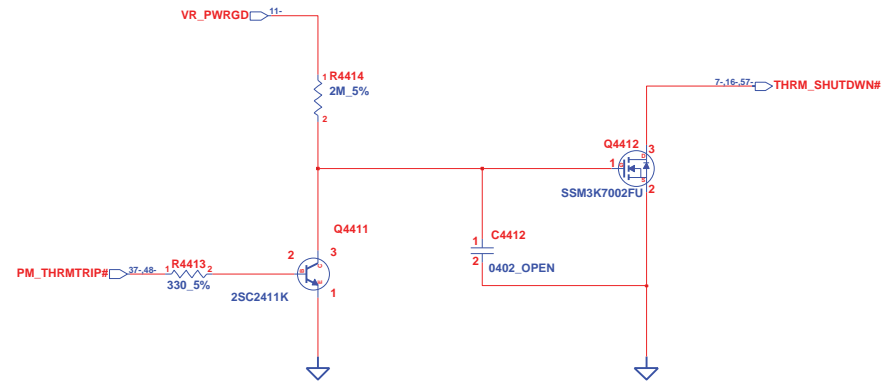
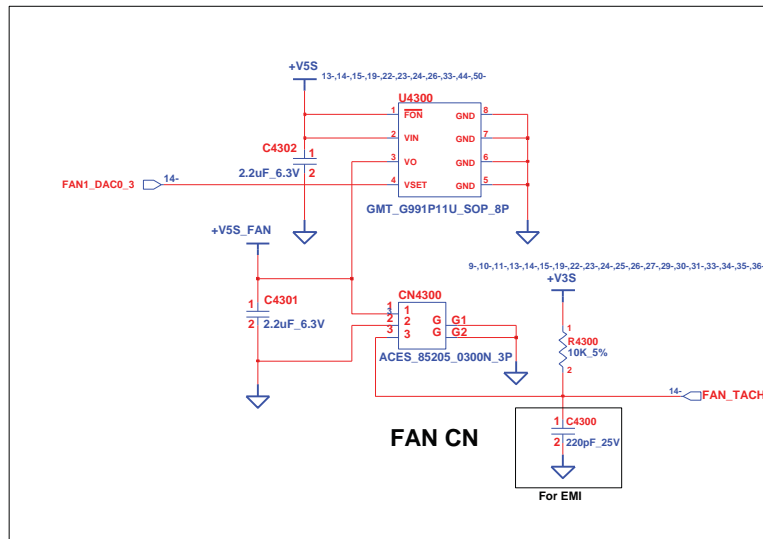


INVENTEC			
TITLE			
BL10G			
K/B & TP/B CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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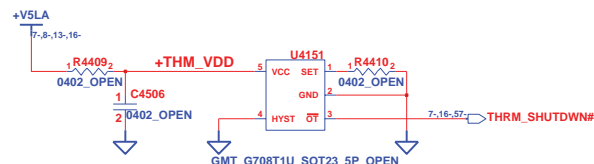
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GM Thermal shutdown at 80.8°C +/-3°C from 60°C to 100°C
 PM Thermal shutdown at 86°C +/-3°C from 60°C to 100°C
 $RSET=0.0012 \cdot T^2 - 0.9308 \cdot T + 96.147$
 Hysteresis is 30C



INVENTEC			
TITLE			
BL10G			
FAN, Thermal controller			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		Drawer Name	18-Oct-2009
SHEET		16	OF 66

[illegible]

TITLE			
BL10G LAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		17	OF 66

CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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CS	Model No
SHEET	17 OF 66

[illegible]

TITLE			
BL10G RJ45 & TRANSFORMER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		18	OF 66

CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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CS Model No
SHEET 18 OF 66

Place close to CODEC

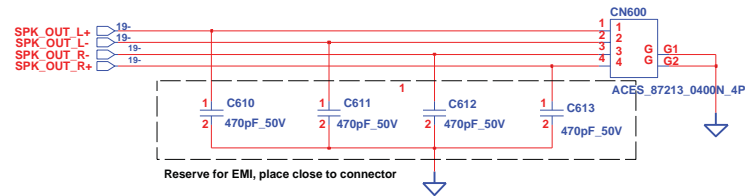
Port A: Headphone jack
Port B: Internal mic
Port C: microphone jack

TITLE			
<i>BL10G</i> <i>AUDIO CODEC</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>X01</i>

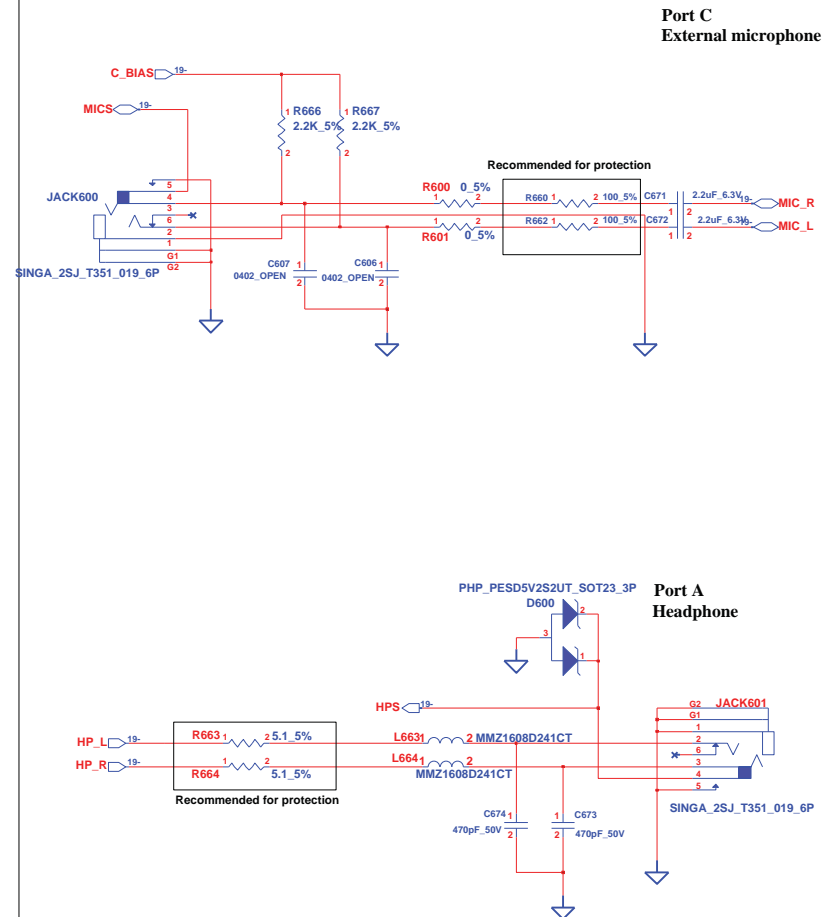
CS Model No
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INTERNAL SPEAKERS



AUDIO JACKS



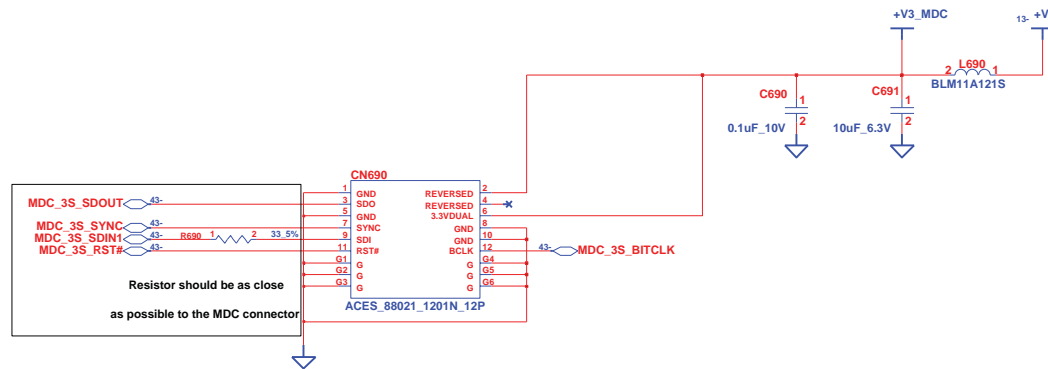
INVENTEC

TITLE			
BL10G			
AUDIO AMP&MIC&SPEAKER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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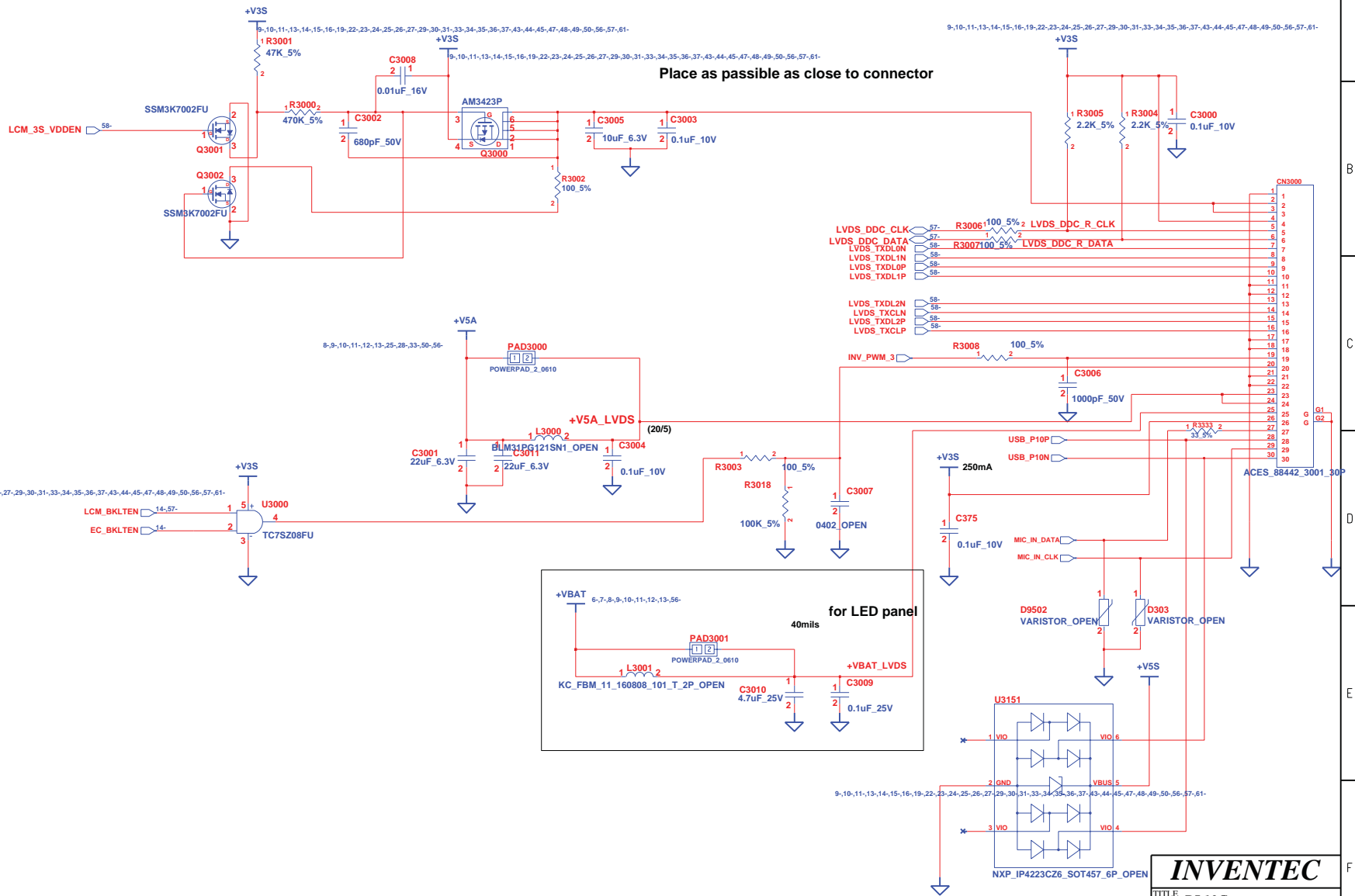
INVENTEC

TITLE			
BL10G			
MDC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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INVENTEC

TITLE
BL10G
LCM CONN

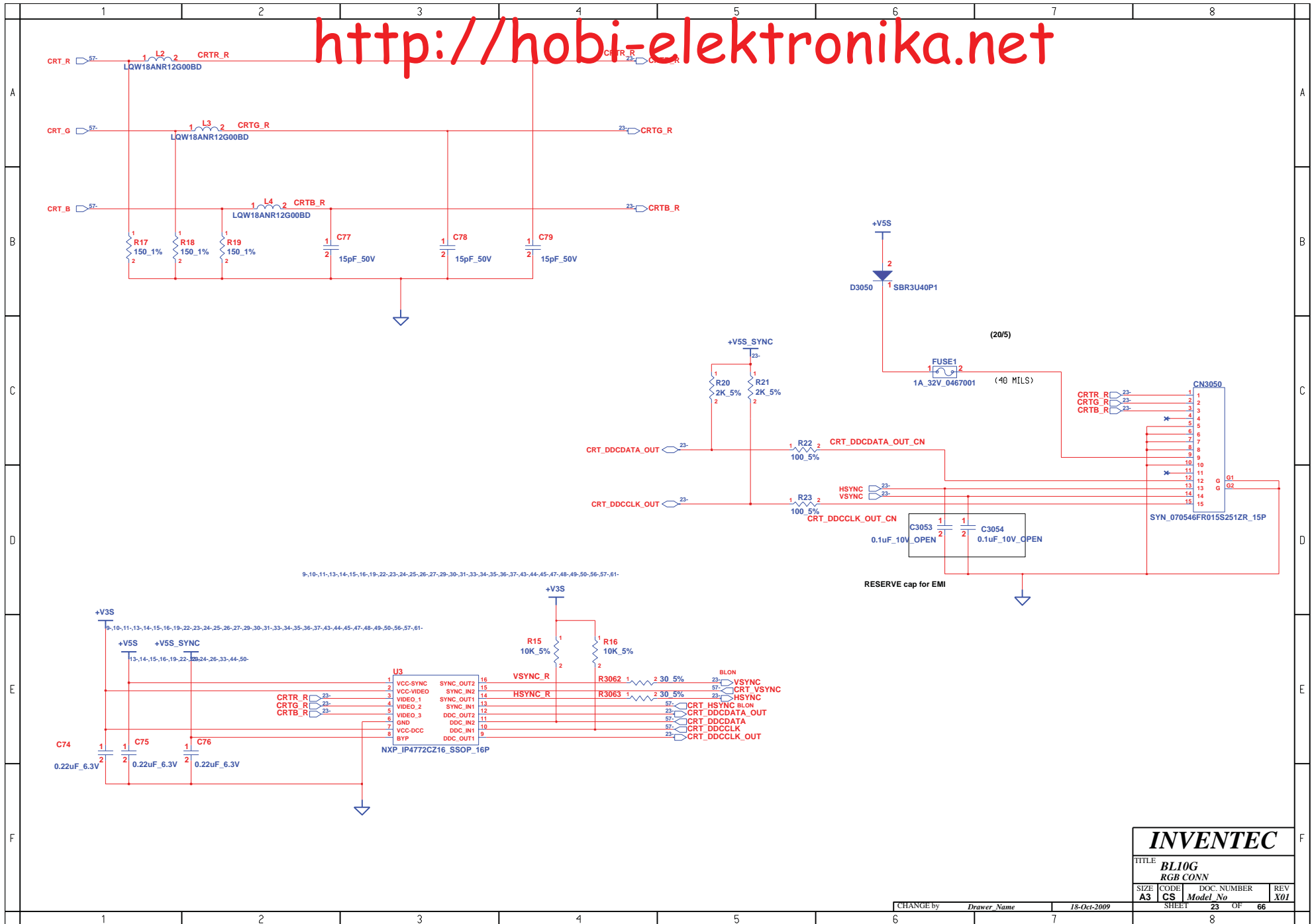
SIZE A3	CODE CS	DOC NUMBER Model No	REV X01
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13-14-15-16-19-23-24-26-33-44-50

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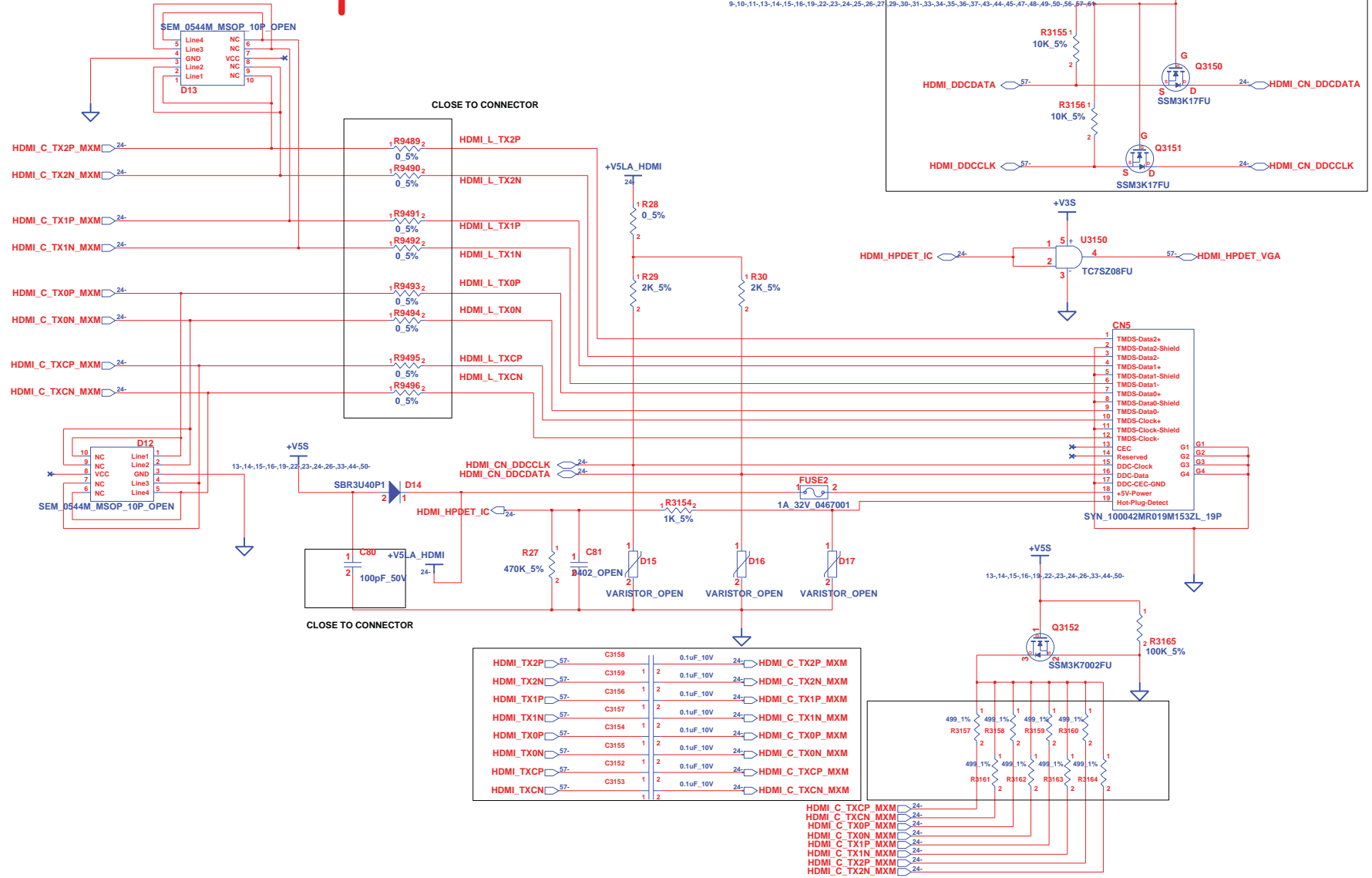


INVENTEC

TITLE BL10G RGB CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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INVENTEC

TITLE
BL10G
HDMI CONN

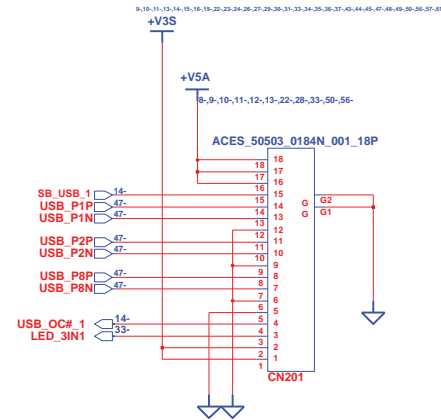
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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CardReader/USB Connector



INVENTEC

TITLE			
BL10G Cardreader			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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SATA HDD01

SATA ODD

INVENTEC

TITLE: **BLI0G**
SATA HDD & ODD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by: *Drawer Name* 18-Oct-2009 SHEET 26 OF 66

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SATA HDD01

SATA ODD

INVENTEC

TITLE: **BLI0G**
SATA HDD & ODD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by: *Drawer Name* 18-Oct-2009 SHEET 26 OF 66

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SATA HDD01

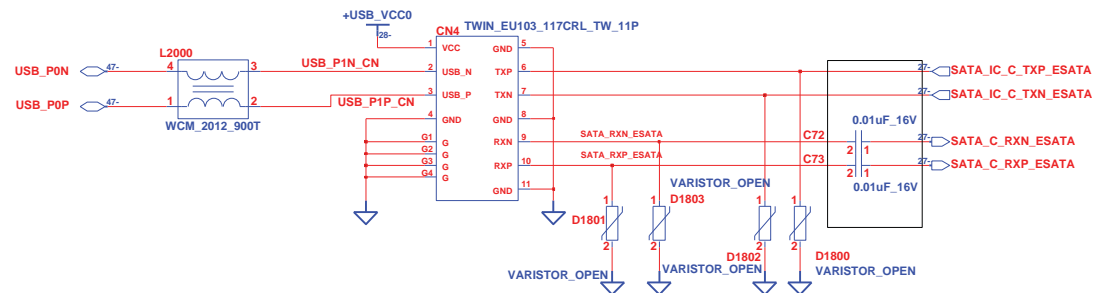
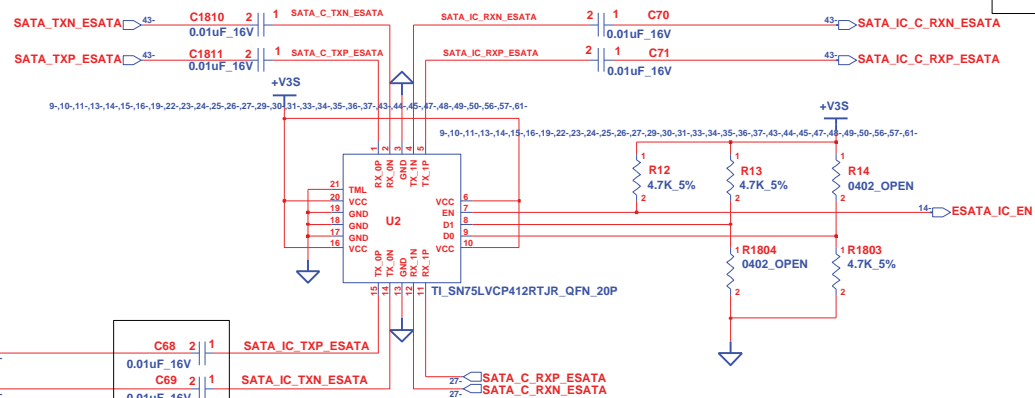
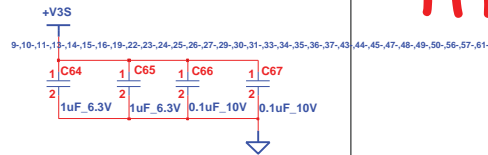
SATA ODD

INVENTEC			
TITLE: BLI0G			
SATA HDD & ODD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
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CS Model No
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CLOSE TO IC PINS



EN	D0	D1	FUNCTION
0	X	X	STANDBY
1	0	0	DEFAULT
1	1	0	CH0->5DB
1	0	1	CH1->5DB
1	1	1	CH0,1->5DB

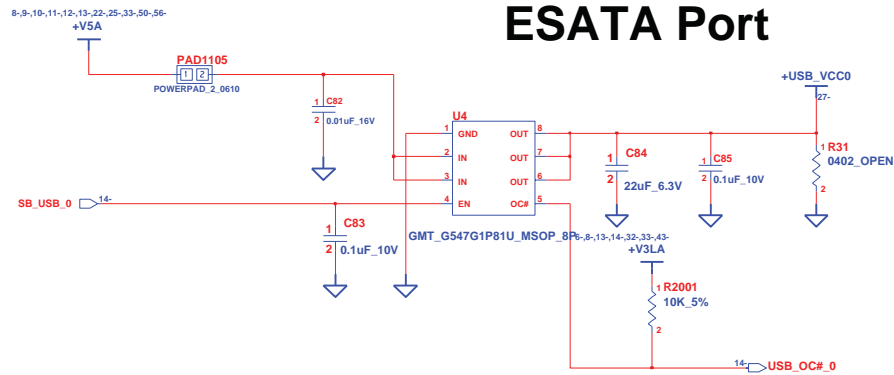
INVENTEC

TITLE			
BL10G			
E-SATA			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		27	OF 66

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ESATA Port



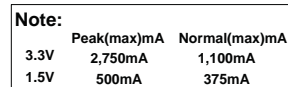
INVENTEC

TITLE			
BL10G USB CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

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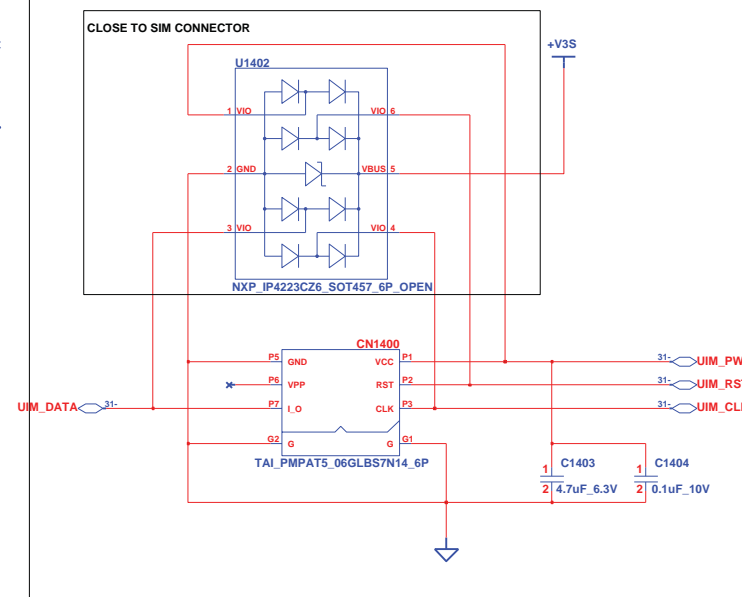
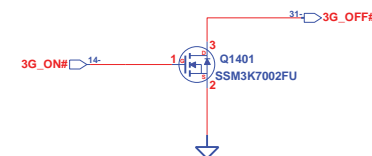
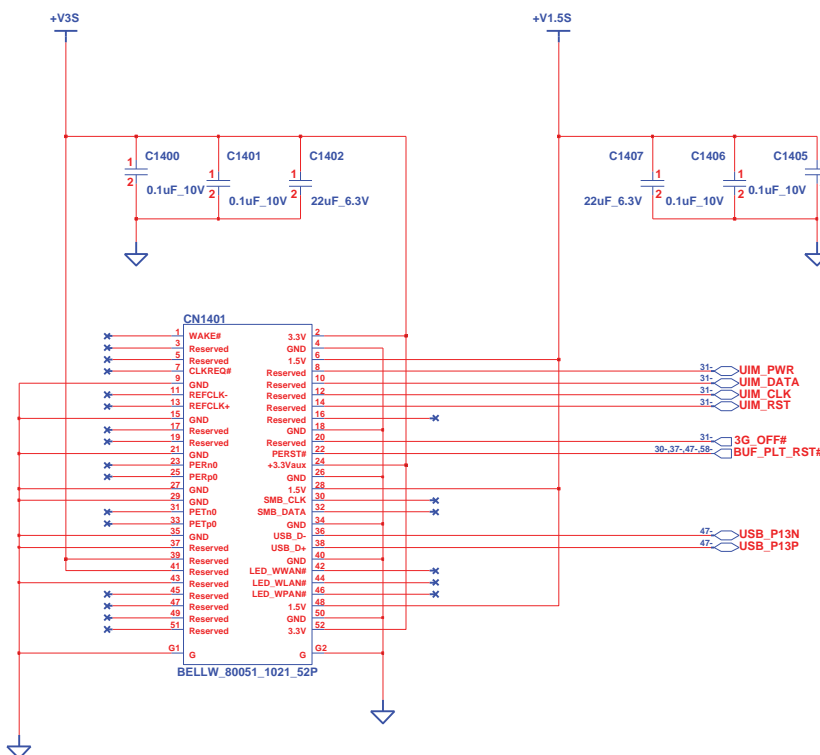
Debug card



INVENTEC

CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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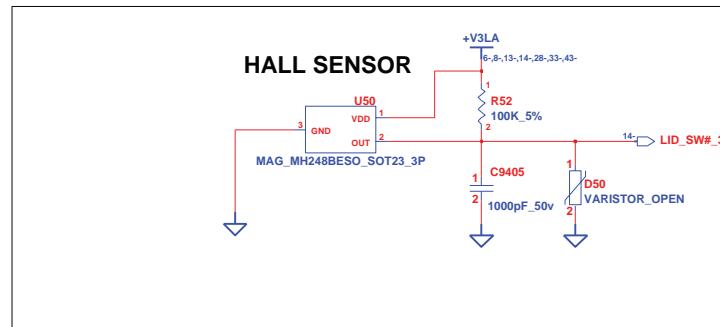


MINI CARD 2

INVENTEC			
TITLE BL10G			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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8			

CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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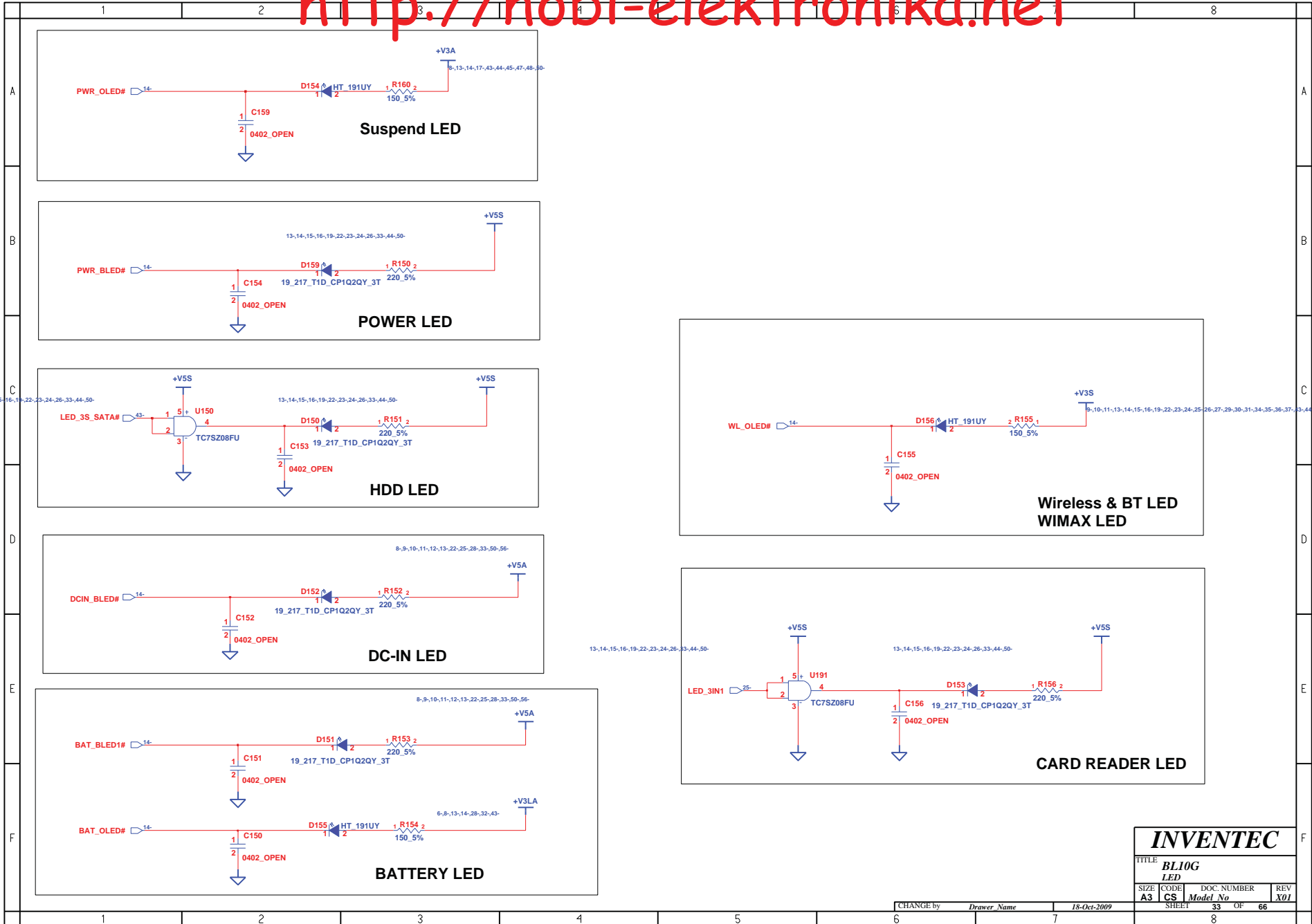


INVENTEC

TITLE BL10G LID SW			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		32 OF	66

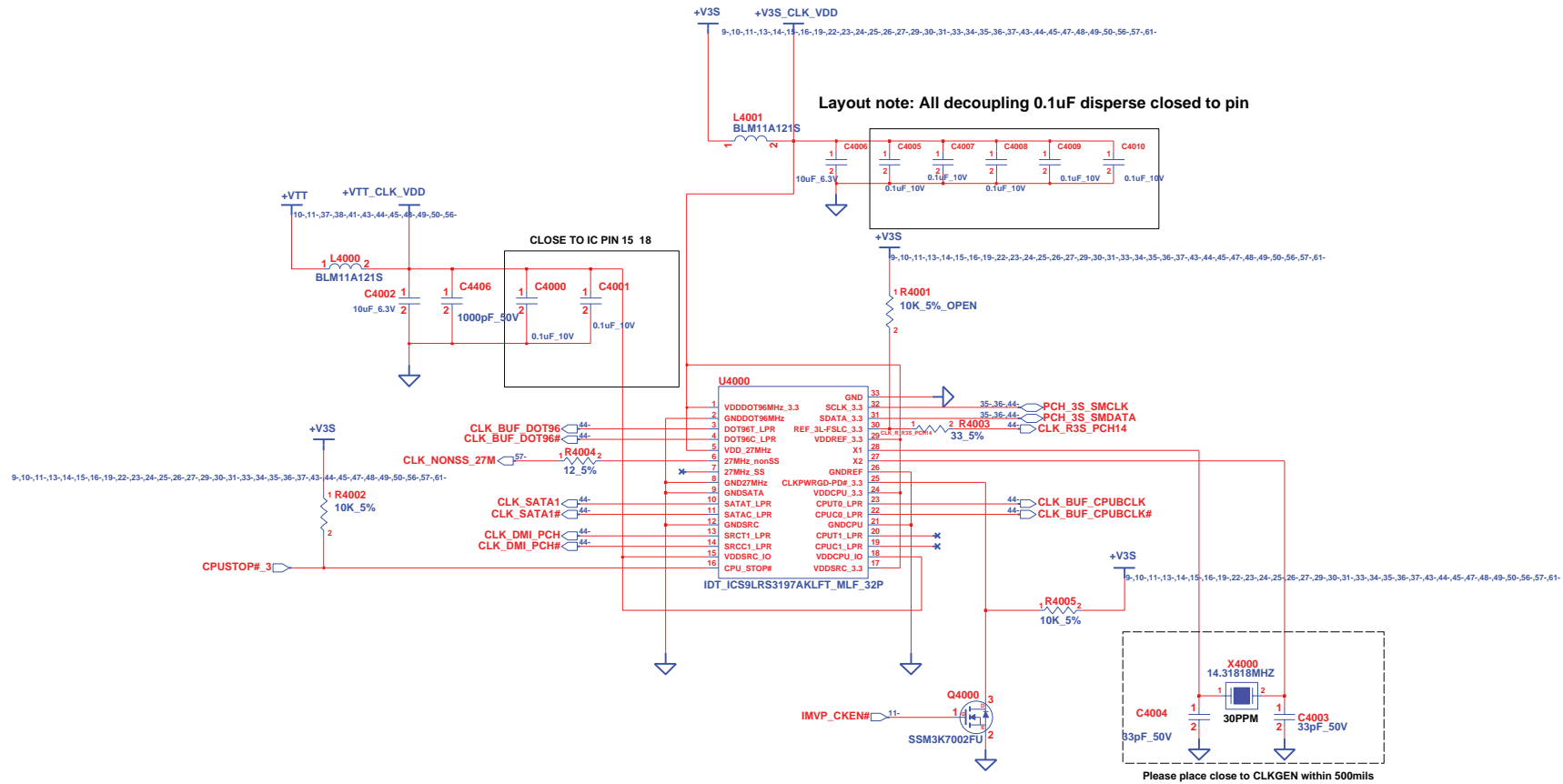
CHANGE by *Drawer Name* 18-Oct-2009

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INVENTEC			
TITLE			
BL10G			
LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		18-Oct-2009	
DRAWER Name			
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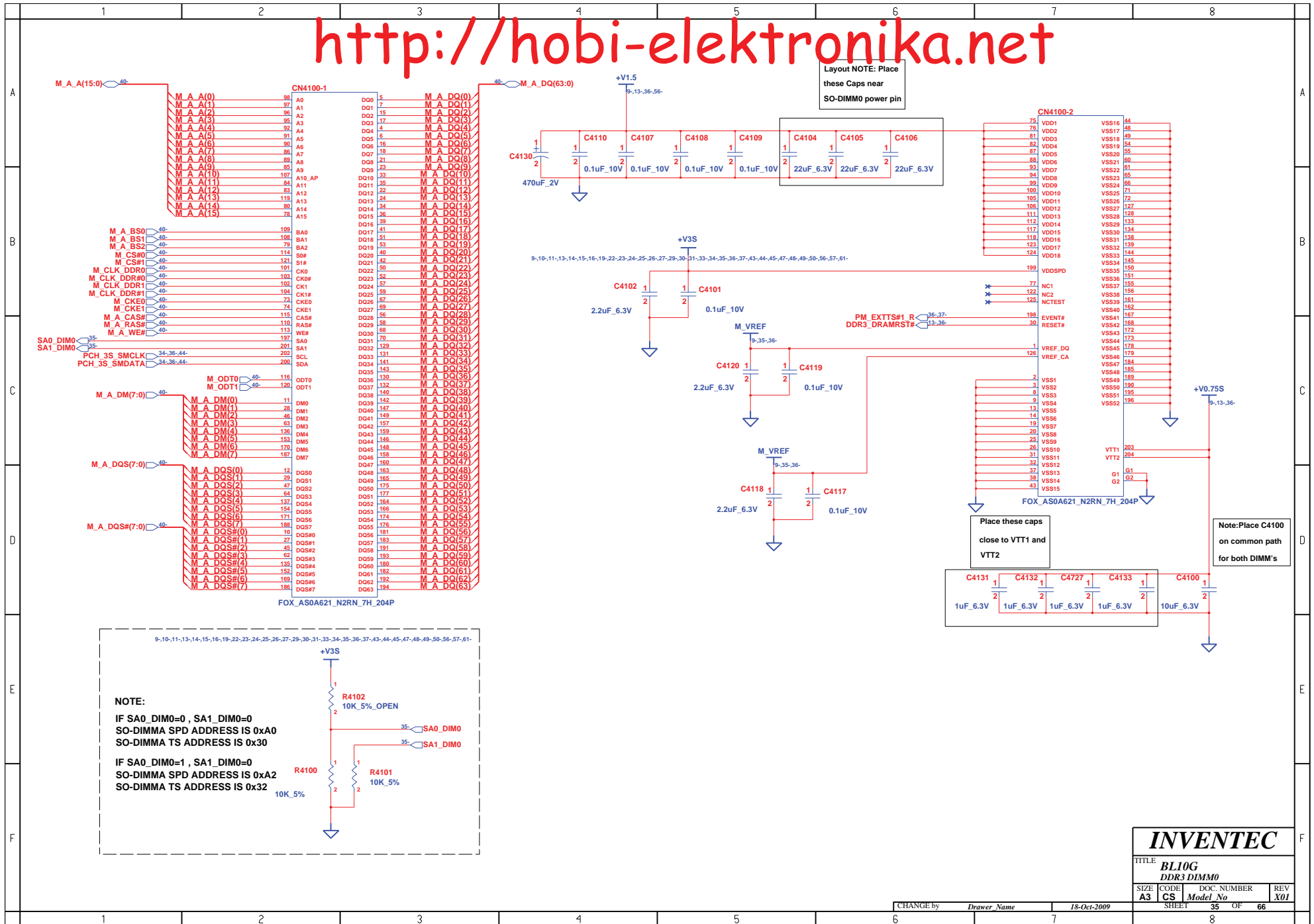
INVENTEC

TITLE
BL10G
CLOCK GENERATOR

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

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[illegible]

TITLE <i>BL10G</i> <i>DDR3 DIMMI</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV <i>X01</i>
SHEET		36	OF 66

CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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CS Model No
SHEET 36 OF 66

A

B

2

D

1

1



B

2

1

1

1

INVENTEC

TITLE	<i>BL10G</i> <i>CPU 1</i>
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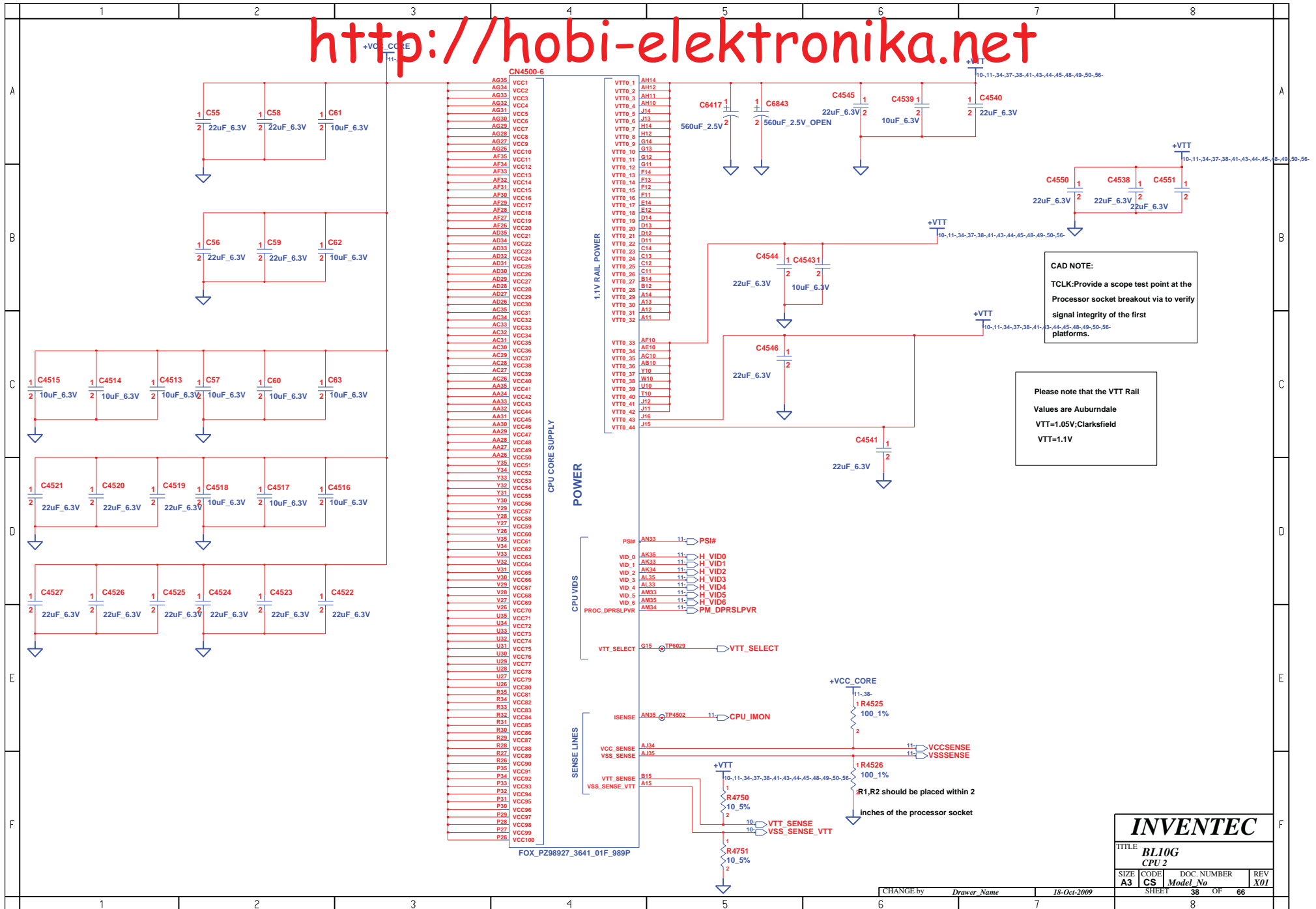
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV <i>X01</i>
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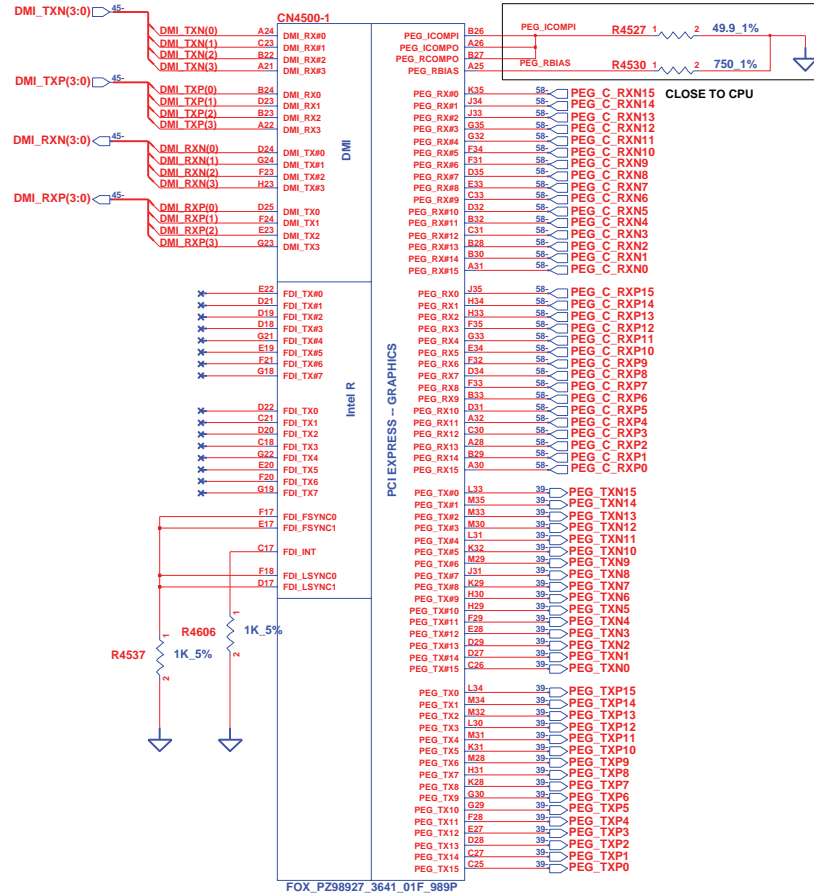
CHANGE by	<i>Drawer Name</i>	<i>18-Oct-2009</i>
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PEG_TXN15	39	C4900	1	2	0.1uF 10V	58	PEG_C_TXN15
PEG_TXN14	39	C4901	1	2	0.1uF 10V	58	PEG_C_TXN14
PEG_TXN13	39	C4902	1	2	0.1uF 10V	58	PEG_C_TXN13
PEG_TXN12	39	C4903	1	2	0.1uF 10V	58	PEG_C_TXN12
PEG_TXN11	39	C4904	1	2	0.1uF 10V	58	PEG_C_TXN11
PEG_TXN10	39	C4905	1	2	0.1uF 10V	58	PEG_C_TXN10
PEG_TXN9	39	C4906	1	2	0.1uF 10V	58	PEG_C_TXN9
PEG_TXN8	39	C4907	1	2	0.1uF 10V	58	PEG_C_TXN8
PEG_TXN7	39	C4908	1	2	0.1uF 10V	58	PEG_C_TXN7
PEG_TXN6	39	C4909	1	2	0.1uF 10V	58	PEG_C_TXN6
PEG_TXN5	39	C4910	1	2	0.1uF 10V	58	PEG_C_TXN5
PEG_TXN4	39	C4911	1	2	0.1uF 10V	58	PEG_C_TXN4
PEG_TXN3	39	C4912	1	2	0.1uF 10V	58	PEG_C_TXN3
PEG_TXN2	39	C4913	1	2	0.1uF 10V	58	PEG_C_TXN2
PEG_TXN1	39	C4914	1	2	0.1uF 10V	58	PEG_C_TXN1
PEG_TXN0	39	C4915	1	2	0.1uF 10V	58	PEG_C_TXN0

PEG_TXP15	39	C4916	1	2	0.1uF 10V	58	PEG_C_TXP15
PEG_TXP14	39	C4917	1	2	0.1uF 10V	58	PEG_C_TXP14
PEG_TXP13	39	C4918	1	2	0.1uF 10V	58	PEG_C_TXP13
PEG_TXP12	39	C4919	1	2	0.1uF 10V	58	PEG_C_TXP12
PEG_TXP11	39	C4920	1	2	0.1uF 10V	58	PEG_C_TXP11
PEG_TXP10	39	C4921	1	2	0.1uF 10V	58	PEG_C_TXP10
PEG_TXP9	39	C4922	1	2	0.1uF 10V	58	PEG_C_TXP9
PEG_TXP8	39	C4923	1	2	0.1uF 10V	58	PEG_C_TXP8
PEG_TXP7	39	C4924	1	2	0.1uF 10V	58	PEG_C_TXP7
PEG_TXP6	39	C4925	1	2	0.1uF 10V	58	PEG_C_TXP6
PEG_TXP5	39	C4926	1	2	0.1uF 10V	58	PEG_C_TXP5
PEG_TXP4	39	C4927	1	2	0.1uF 10V	58	PEG_C_TXP4
PEG_TXP3	39	C4928	1	2	0.1uF 10V	58	PEG_C_TXP3
PEG_TXP2	39	C4929	1	2	0.1uF 10V	58	PEG_C_TXP2
PEG_TXP1	39	C4930	1	2	0.1uF 10V	58	PEG_C_TXP1
PEG_TXP0	39	C4931	1	2	0.1uF 10V	58	PEG_C_TXP0

INVENTEC

TITLE			
BL10G			
CPU 3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by Drawer Name 18-Oct-2009

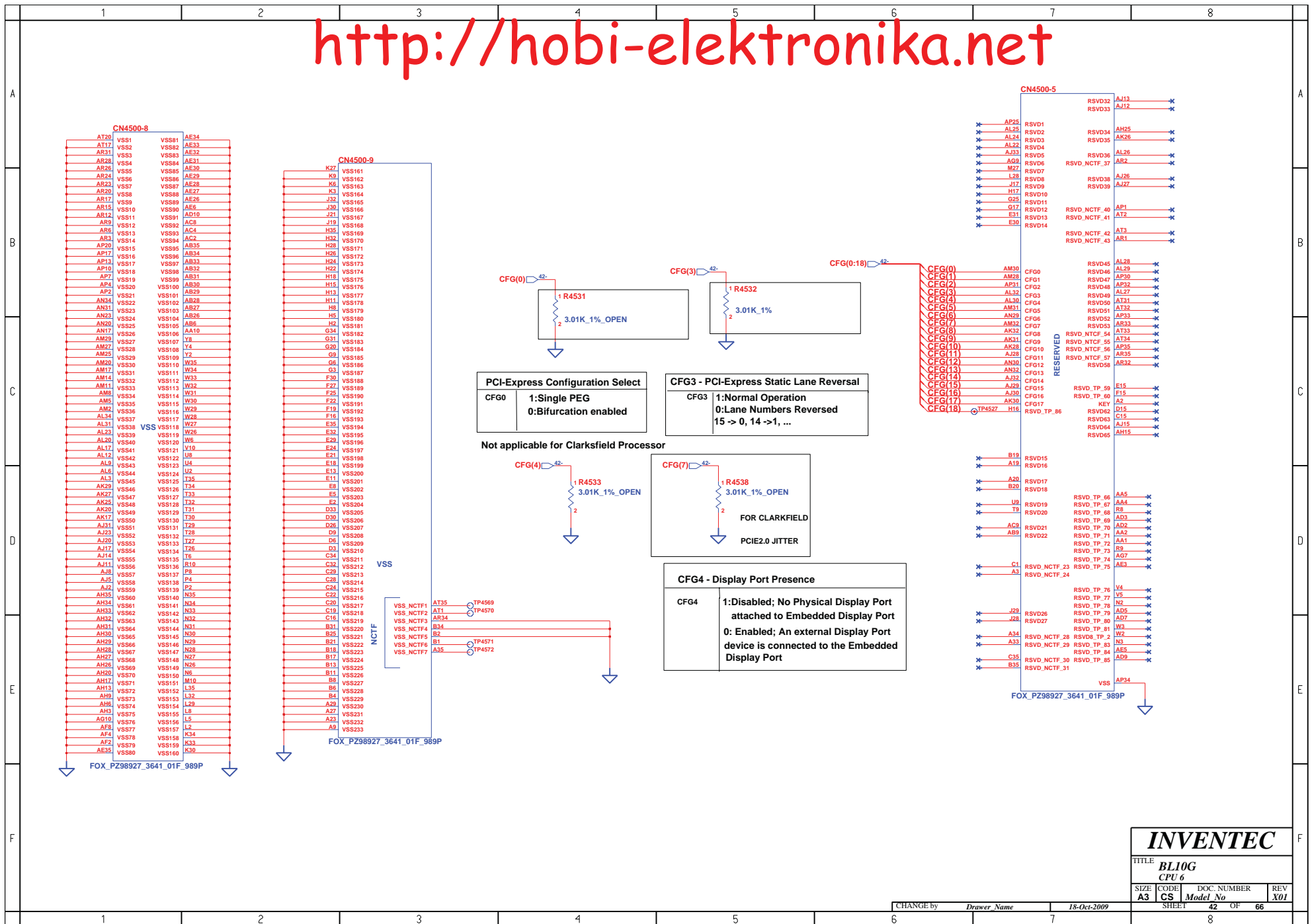
SHEET 39 OF 66

[illegible]

TITLE <i>BL10G</i>			
CPU 4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>X01</i>
SHEET		40	OF 66

CHANGE by	<i>Drawer Name</i>	29-Oct-2009
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40 OF 66



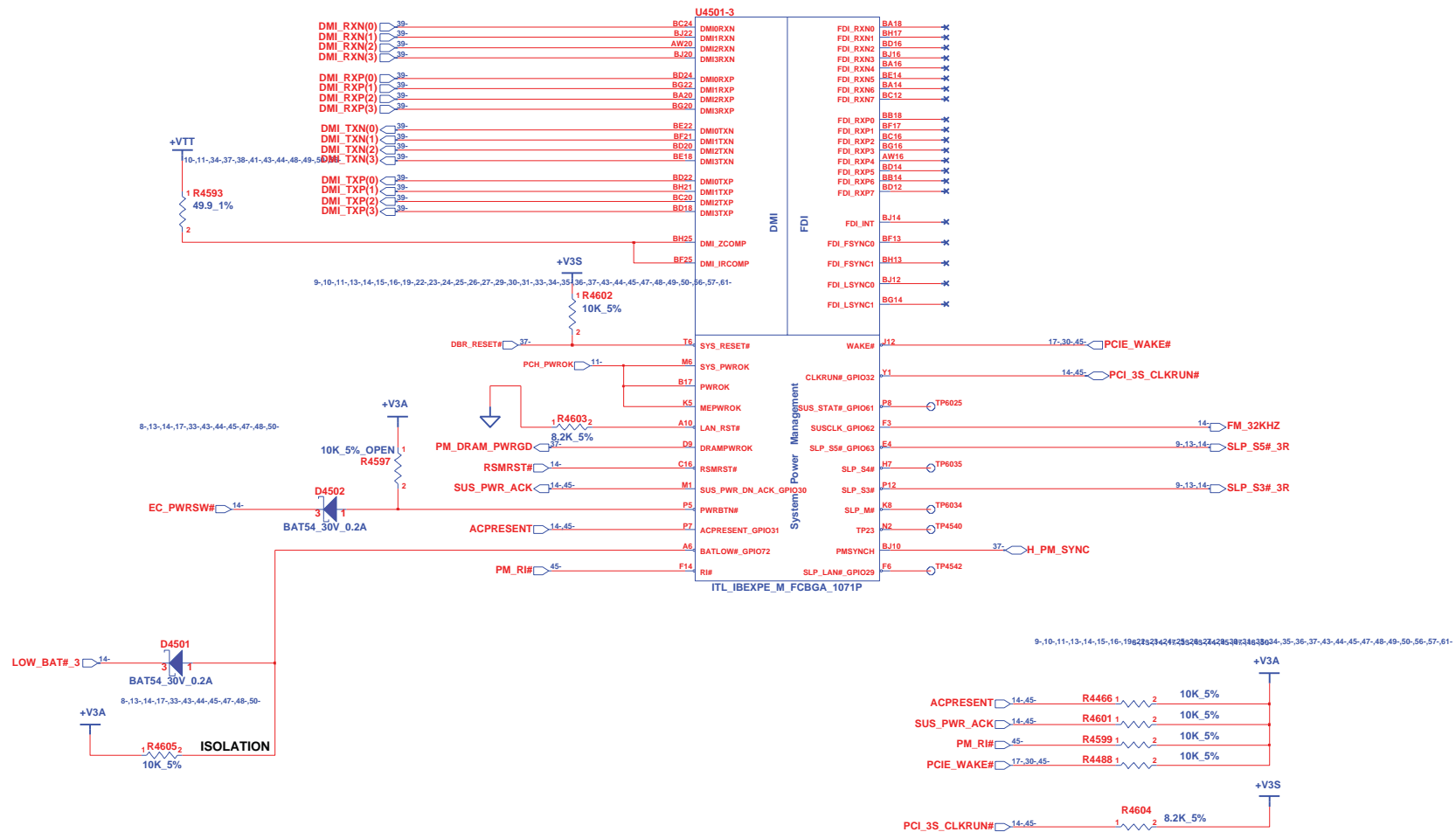
INVENTEC

TITLE			
BL10G CPU 6			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by Drawer Name 18-Oct-2009

42 OF 66

<http://hobi-elektronika.net>



INVENTEC

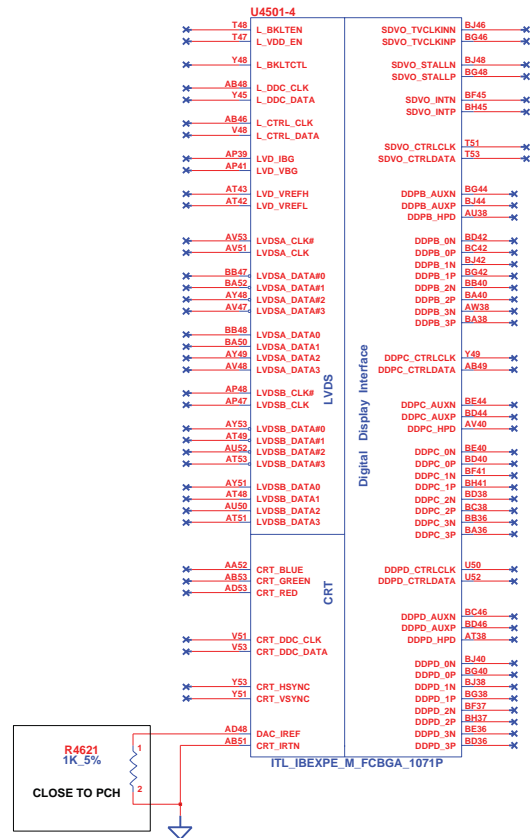
TITLE
BL10G
PCH 3

SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawer Name* 18-Oct-2009

SHEET 45 OF 66

<http://hobi-elektronika.net>



INVENTEC

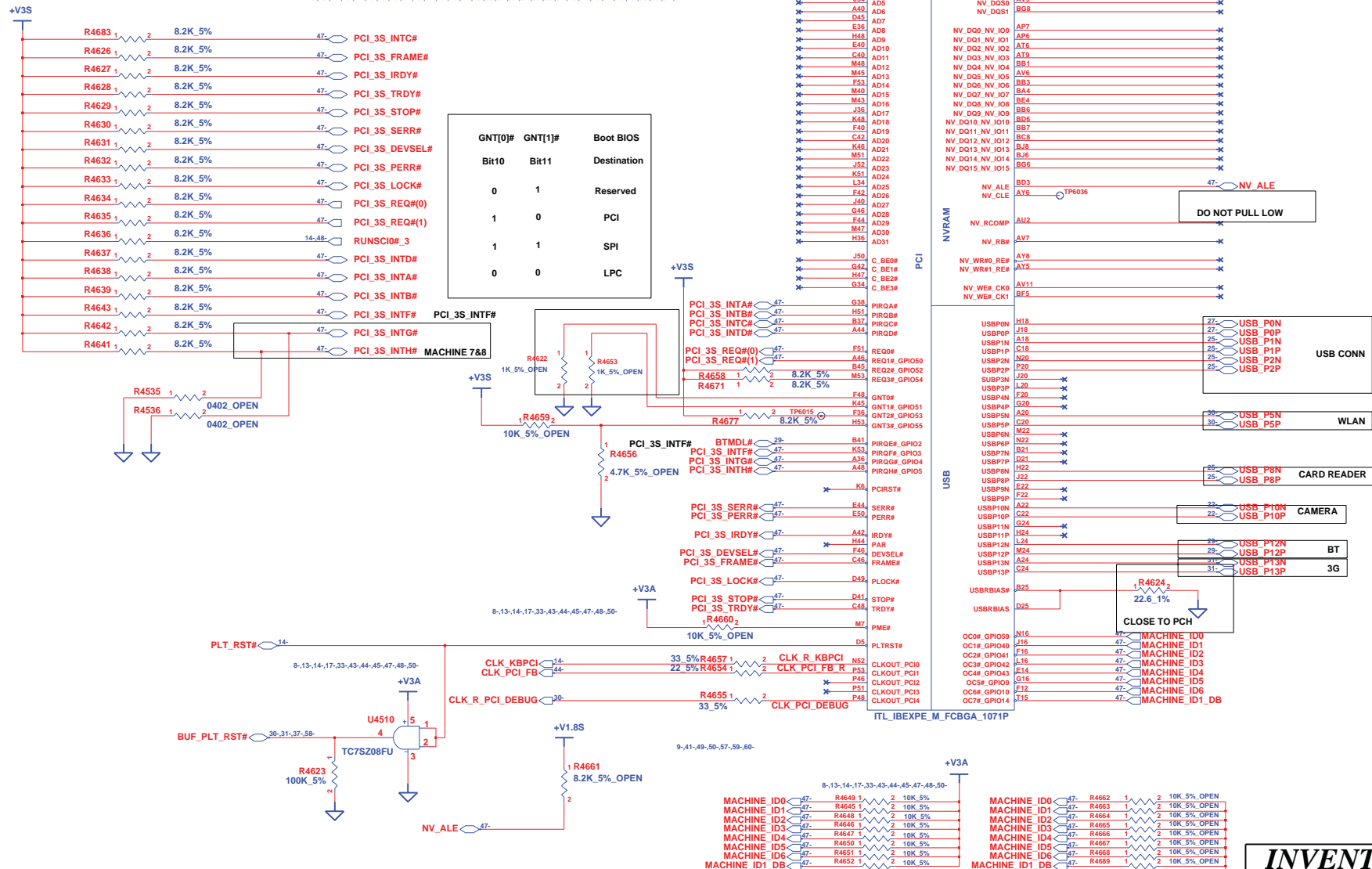
TITLE
BL10G
PCH 4

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

SHEET 46 OF 66

http://hobi-elektronika.net



INVENTEC

TITLE
BLI0G
PCH 5

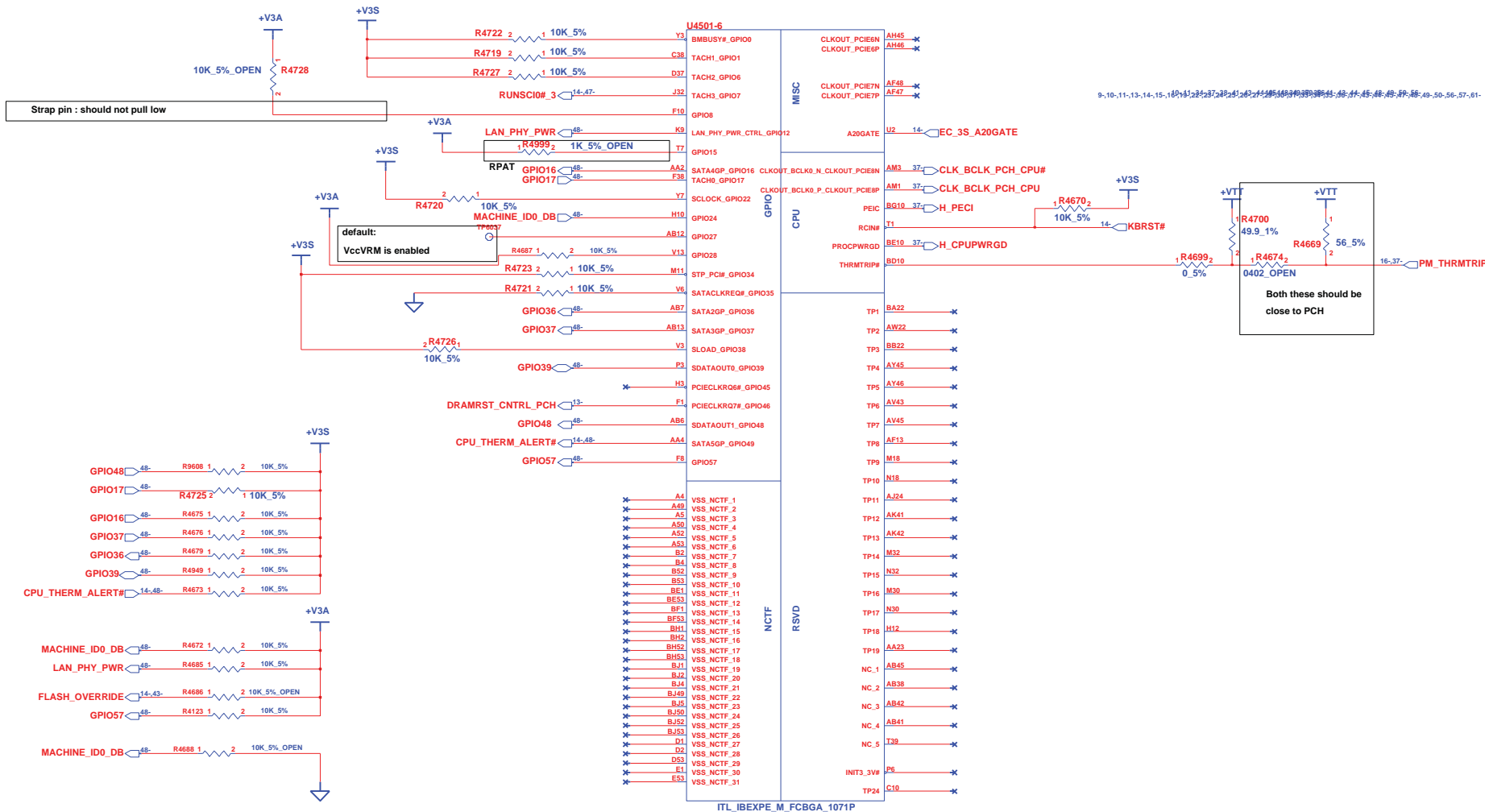
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by Drawer Name 18-Oct-2009

8

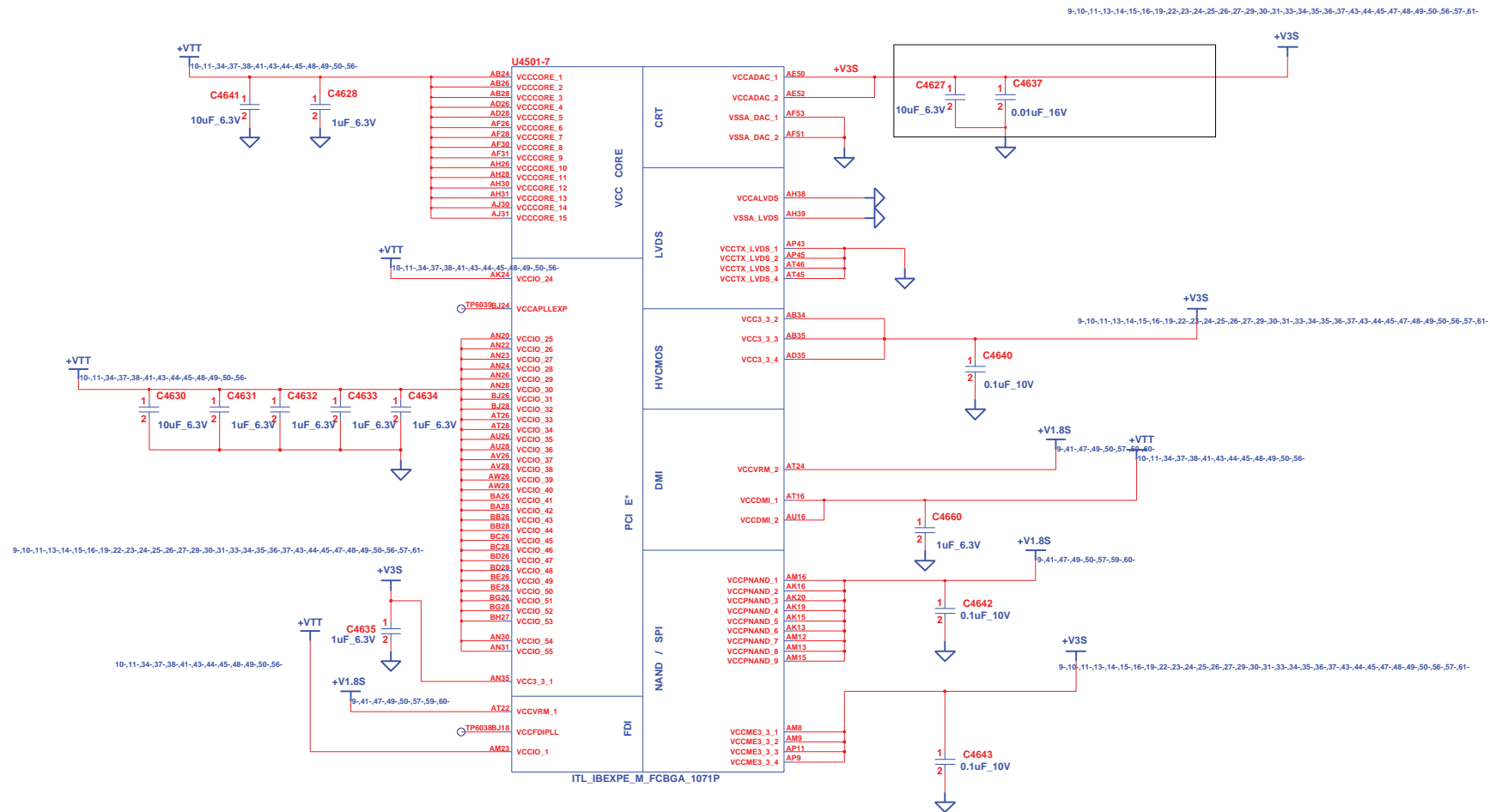
<http://hobi-elektronika.net>

9-10-11-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-61-



INVENTEC			
TITLE BL10G PCH 6			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by		Drawer Name	18-Oct-2009
SHEET		48	OF 66

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INVENTEC

TITLE
**BL10G
PCH 7-POWER**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

SHEET 49 OF 66

http://hobi-elektronika.net

http://hobi-elektronika.net

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

U4501-9

AB16 VSS. 0

AA19 VSS. 1

AA20 VSS. 2

AA22 VSS. 3

AM19 VSS. 4

AA24 VSS. 5

AA25 VSS. 6

AA28 VSS. 7

AA30 VSS. 8

AA31 VSS. 9

AA32 VSS. 10

AB11 VSS. 11

AB12 VSS. 12

AB23 VSS. 13

AB30 VSS. 14

AB31 VSS. 15

AB32 VSS. 16

AB39 VSS. 17

AB43 VSS. 18

AB47 VSS. 19

AB54 VSS. 20

AB5 VSS. 21

AC2 VSS. 22

AC24 VSS. 23

AD11 VSS. 24

AD12 VSS. 25

AD16 VSS. 26

AD23 VSS. 27

AD28 VSS. 28

AD31 VSS. 29

AD32 VSS. 30

AD34 VSS. 31

AU22 VSS. 32

AD42 VSS. 33

AD46 VSS. 34

AD48 VSS. 35

AD7 VSS. 36

AE2 VSS. 37

AE4 VSS. 38

AF12 VSS. 39

Y13 VSS. 40

AH49 VSS. 41

AU4 VSS. 42

AF35 VSS. 43

AP13 VSS. 44

AN34 VSS. 45

AF46 VSS. 46

AF48 VSS. 47

AF49 VSS. 48

AF5 VSS. 49

AF9 VSS. 50

AG2 VSS. 51

AG52 VSS. 52

AH11 VSS. 53

AH12 VSS. 54

AH16 VSS. 55

AH24 VSS. 56

AH32 VSS. 57

AV18 VSS. 58

AH43 VSS. 59

AH47 VSS. 60

AH7 VSS. 61

AJ19 VSS. 62

AJ2 VSS. 63

AJ20 VSS. 64

AJ22 VSS. 65

AJ23 VSS. 66

AJ26 VSS. 67

AJ28 VSS. 68

AJ32 VSS. 69

AJ34 VSS. 70

AT5 VSS. 71

AJ4 VSS. 72

AK12 VSS. 73

AM41 VSS. 74

AN19 VSS. 75

AK26 VSS. 76

AK22 VSS. 77

AK23 VSS. 78

AK28 VSS. 79

VSS. 80

AK30

AK31

AK32

AK34

AK35

AK38

AK43

AK46

AK49

AK5

AK8

AL2

AL52

AM11

BB44

AD24

AW20

AM22

AM24

AM25

AM28

BA42

AM30

AM31

AM32

AM34

AM35

AM36

AM39

AM42

AM46

AV22

AM49

AM7

AA90

BB10

AN32

AN52

AF12

AP42

AP46

AP49

AP5

AP8

AR2

AR52

AT11

BA12

AH46

AT32

AT36

AT41

AT47

AT7

AV12

AV16

AV20

AV24

AV30

AV34

AV38

AV42

AV46

AV49

AV5

AV8

AW14

AW19

AW2

BF9

AW32

AW36

AW40

AW52

AY11

AY43

AY47

VSS. 158

U4501-10

AY7

B11

B15

B19

B23

B31

B35

B39

B43

B47

B7

BG12

BB12

BB16

BB20

BG24

BB30

BB34

BB38

BB42

BB49

BB5

BC10

BC14

BC18

BC2

BC22

BC32

BC36

BC40

BC44

BC52

BH9

BD48

BD49

BD5

BE12

BE16

BE20

BE24

BE30

BE34

BE38

BE42

BE46

BE50

BE5

BE6

BE8

BE3

BF49

BF51

BG18

BG24

BG4

BG50

BH11

BH16

BH19

BH23

BH31

BH35

BH39

BH43

BH47

BH7

C12

C50

D51

E12

E16

E20

E24

E30

E34

E38

E42

E46

E48

E6

E8

F49

F5

G10

G14

G18

G2

G22

G32

G36

G40

G44

G52

AF39

H16

H20

H30

H34

H38

H42

VSS. 159

VSS. 160

VSS. 161

VSS. 162

VSS. 163

VSS. 164

VSS. 165

VSS. 166

VSS. 167

VSS. 168

VSS. 169

VSS. 170

VSS. 171

VSS. 172

VSS. 173

VSS. 174

VSS. 175

VSS. 176

VSS. 177

VSS. 178

VSS. 179

VSS. 180

VSS. 181

VSS. 182

VSS. 183

VSS. 184

VSS. 185

VSS. 186

VSS. 187

VSS. 188

VSS. 189

VSS. 190

VSS. 191

VSS. 192

VSS. 193

VSS. 194

VSS. 195

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VSS. 198

VSS. 199

VSS. 200

VSS. 201

VSS. 202

VSS. 203

VSS. 204

VSS. 205

VSS. 206

VSS. 207

VSS. 208

VSS. 209

VSS. 210

VSS. 211

VSS. 212

VSS. 213

VSS. 214

VSS. 215

VSS. 216

VSS. 217

VSS. 218

VSS. 219

VSS. 220

VSS. 221

VSS. 222

VSS. 223

VSS. 224

VSS. 225

VSS. 226

VSS. 227

VSS. 228

VSS. 229

VSS. 230

VSS. 231

VSS. 232

VSS. 233

VSS. 234

VSS. 235

VSS. 236

VSS. 237

VSS. 238

VSS. 239

VSS. 240

VSS. 241

VSS. 242

VSS. 243

VSS. 244

VSS. 245

VSS. 246

VSS. 247

VSS. 248

VSS. 249

VSS. 250

VSS. 251

VSS. 252

VSS. 253

VSS. 254

VSS. 255

VSS. 256

VSS. 257

VSS. 258

VSS. 259

H49

H5

J24

K11

K43

K47

K7

L14

L18

L2

L22

L32

L36

L40

L52

M12

M16

M20

M32

M34

M38

M42

M46

M49

M5

M8

M24

P11

AD15

P22

P30

P32

P34

P42

P46

P47

R2

R52

T12

T41

T46

T49

T5

T8

U30

U31

U32

U34

P38

V11

P16

V19

V20

V22

V30

V31

V32

V34

V35

V38

V43

V46

V47

V49

V5

V7

V8

V2

W52

Y11

Y12

Y15

Y19

Y23

Y28

Y30

Y31

Y32

Y38

Y43

Y46

P49

Y5

Y6

Y8

P24

T43

AD51

AT8

AD47

T47

VSS. 350

AT12

VSS. 351

AM6

VSS. 352

AT13

VSS. 353

AM5

VSS. 354

AK55

VSS. 355

AK39

VSS. 356

AV14

ITL_IBEXPE_M_FCBGA_1071P

ITL_IBEXPE_M_FCBGA_1071P

INVENTEC

TITLE

BL10G

PCH 9

SIZE A3

CODE CS

DOC. NUMBER

Model No

REV X01

CHANGE by

Drawer Name

18-Oct-2009

SHEET 51

OF 66

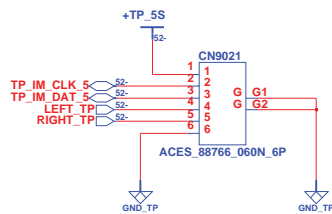
8

http://hobi-elektronika.net

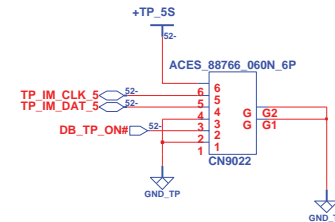
PICK BUTTON BOARD

(For - Touchpad Module, Touchpad Switch Board, Fingerprint Module)

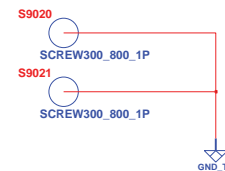
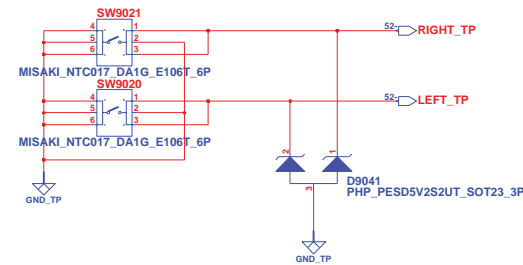
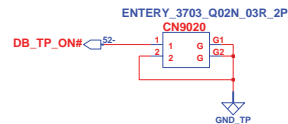
Connect to Touchpad Module



Connect to Mainboard's TP connector



Connect to Touchpad Switch Board



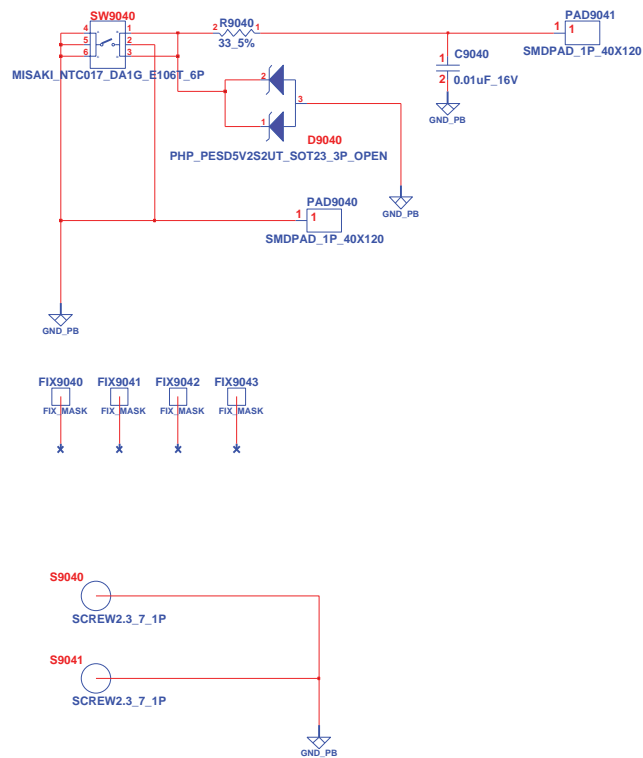
INVENTEC

TITLE BL10G Hot key board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET		52	OF 66

CHANGE by *Drawer Name* 18-Mar-2010

<http://hobi-elektronika.net>

TOUCHPAD SWITCH BOARD



INVENTEC

TITLE BL10G Touch pad			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 53		OF 66	

CHANGE by *Drawer Name* 20-Jan-2010

8

[illegible]

1 2 3 4 5 6 7 8

A

B

C

D

E

F

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POWER BUTTON

SW9000

FOX_1BT002_0021L_4P

GND_BTN

C9000

1000pF_50V

PAD9000

SMDPAD_1P_40X120

PAD9001

SMDPAD_1P_40X120

D9000

PHP_PESD5V2S2UT_SOT23_3P

GND_BTN

GND_BTN

GND_BTN

S9000

SCREW540_700_NP_1P

S9001

SCREW540_700_NP_1P

GND_BTN

FIX9000

FIX MASK

FIX9001

FIX MASK

FIX9002

FIX MASK

FIX9003

FIX MASK

FIX9004

FIX MASK

FIX9005

FIX MASK

INVENTEC

TITLE

BLI0G

SIZE

A3

CODE

CS

DOC. NUMBER

Model No

REV

X01

CHANGE by

Drawer Name

11-Mar-2010

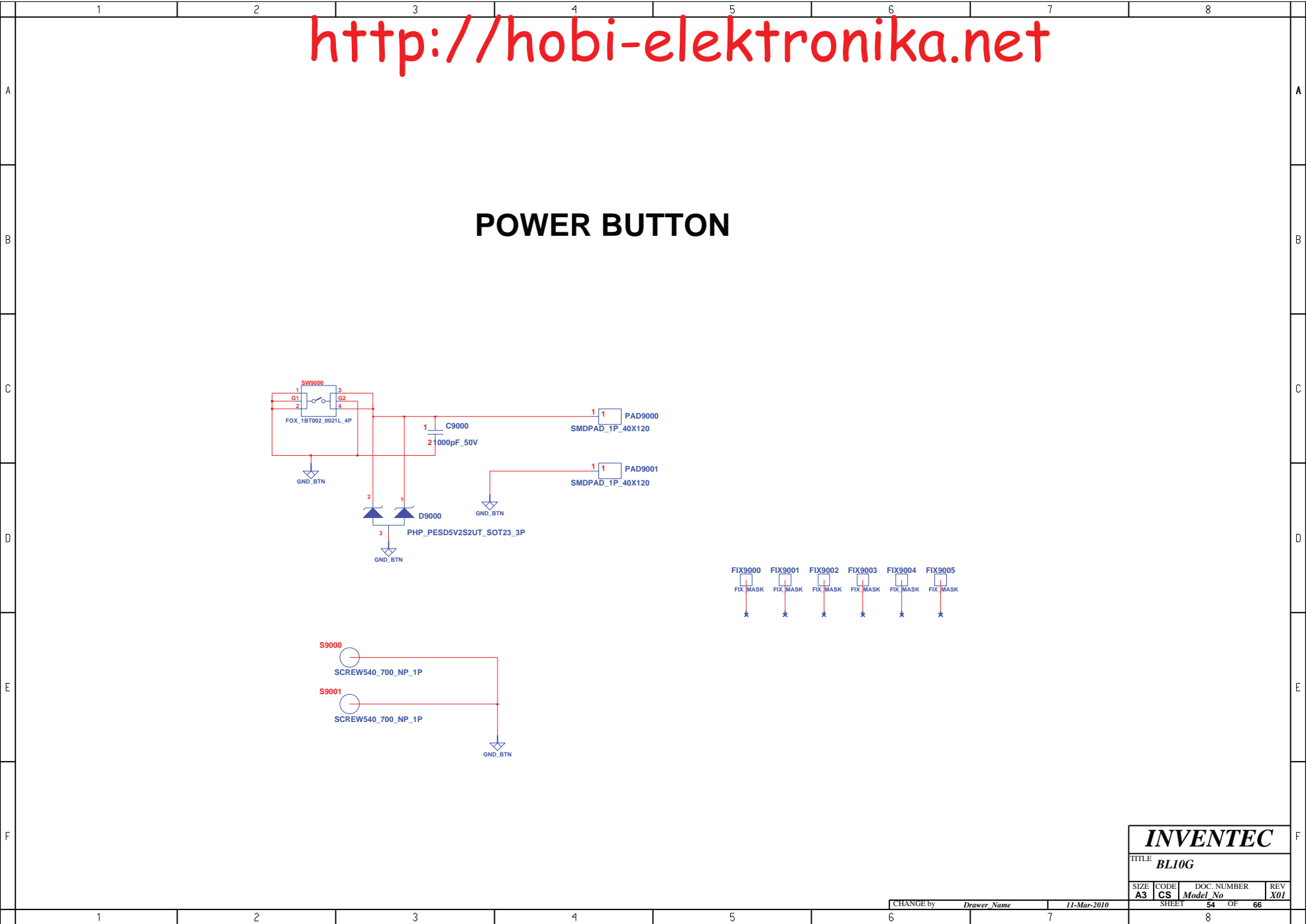
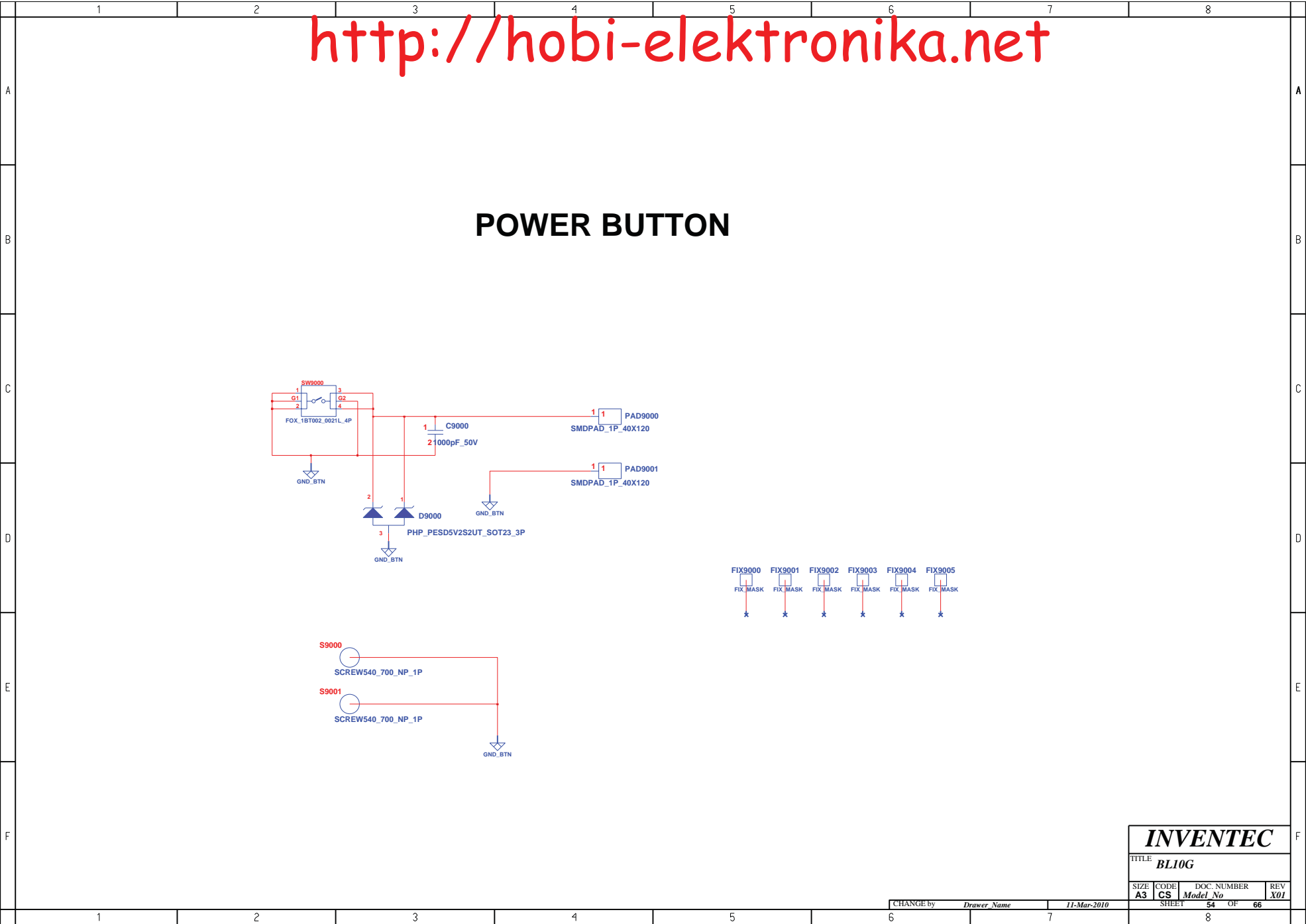
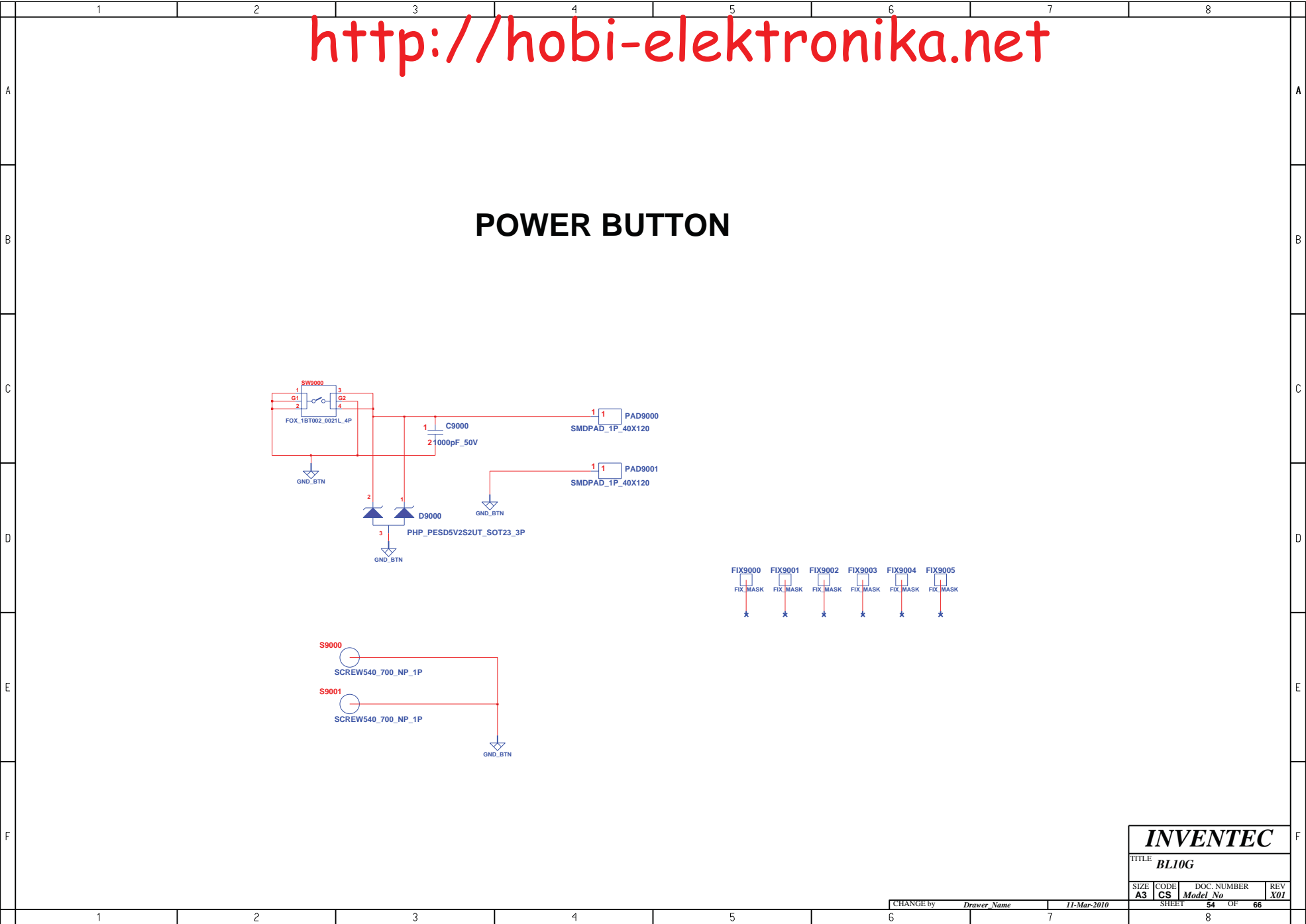
SHEET

54

OF

66

1 2 3 4 5 6 7 8



1 2 3 4 5 6 7 8

A

B

C

D

E

F

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POWER BUTTON

SW9000

G1 G2 1 2

FOX_1BT002_0021L_4P

GND_BTN

C9000

1000pF_50V

PAD9000

SMDPAD_1P_40X120

PAD9001

SMDPAD_1P_40X120

D9000

PHP_PESD5V2S2UT_SOT23_3P

GND_BTN

GND_BTN

GND_BTN

FIX9000

FIX9001

FIX9002

FIX9003

FIX9004

FIX9005

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

S9000

SCREW540_700_NP_1P

S9001

SCREW540_700_NP_1P

GND_BTN

INVENTEC

TITLE

BLI0G

SIZE

A3

CODE

CS

DOC. NUMBER

Model No

REV

X01

CHANGE by

Drawer Name

11-Mar-2010

SHEET

54

OF

66

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

F

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POWER BUTTON

SW9000

G1 G2 1 2

FOX_1BT002_0021L_4P

GND_BTN

C9000

1000pF_50V

PAD9000

SMDPAD_1P_40X120

PAD9001

SMDPAD_1P_40X120

D9000

PHP_PESD5V2S2UT_SOT23_3P

GND_BTN

GND_BTN

GND_BTN

FIX9000

FIX9001

FIX9002

FIX9003

FIX9004

FIX9005

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

S9000

SCREW540_700_NP_1P

S9001

SCREW540_700_NP_1P

GND_BTN

INVENTEC

TITLE

BLI0G

SIZE

A3

CODE

CS

DOC. NUMBER

Model No

REV

X01

CHANGE by

Drawer Name

11-Mar-2010

SHEET

54

OF

66

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

F

http://hobi-elektronika.net

POWER BUTTON

SW9000

G1 G2 1 2

FOX_1BT002_0021L_4P

GND_BTN

C9000

1000pF_50V

PAD9000

SMDPAD_1P_40X120

PAD9001

SMDPAD_1P_40X120

D9000

PHP_PESD5V2S2UT_SOT23_3P

GND_BTN

GND_BTN

S9000

SCREW540_700_NP_1P

S9001

SCREW540_700_NP_1P

GND_BTN

FIX9000

FIX9001

FIX9002

FIX9003

FIX9004

FIX9005

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

FIX_MASK

INVENTEC

TITLE BLI0G

SIZE A3 CODE CS DOC. NUMBER Model No REV X01

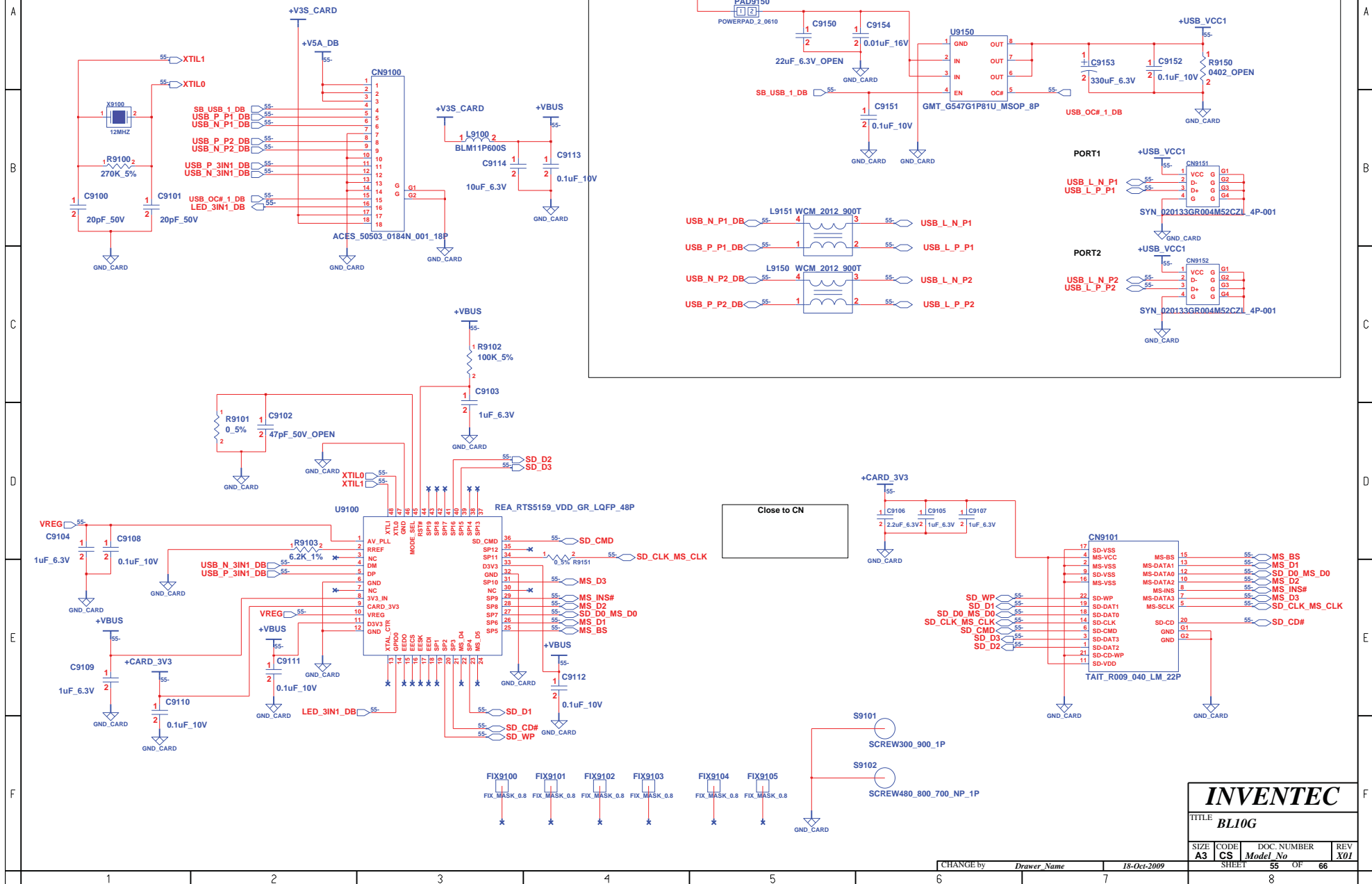
CHANGE by Drawer Name 11-Mar-2010

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<http://hobi-elektronika.net>

CARD READER & USB BOARD

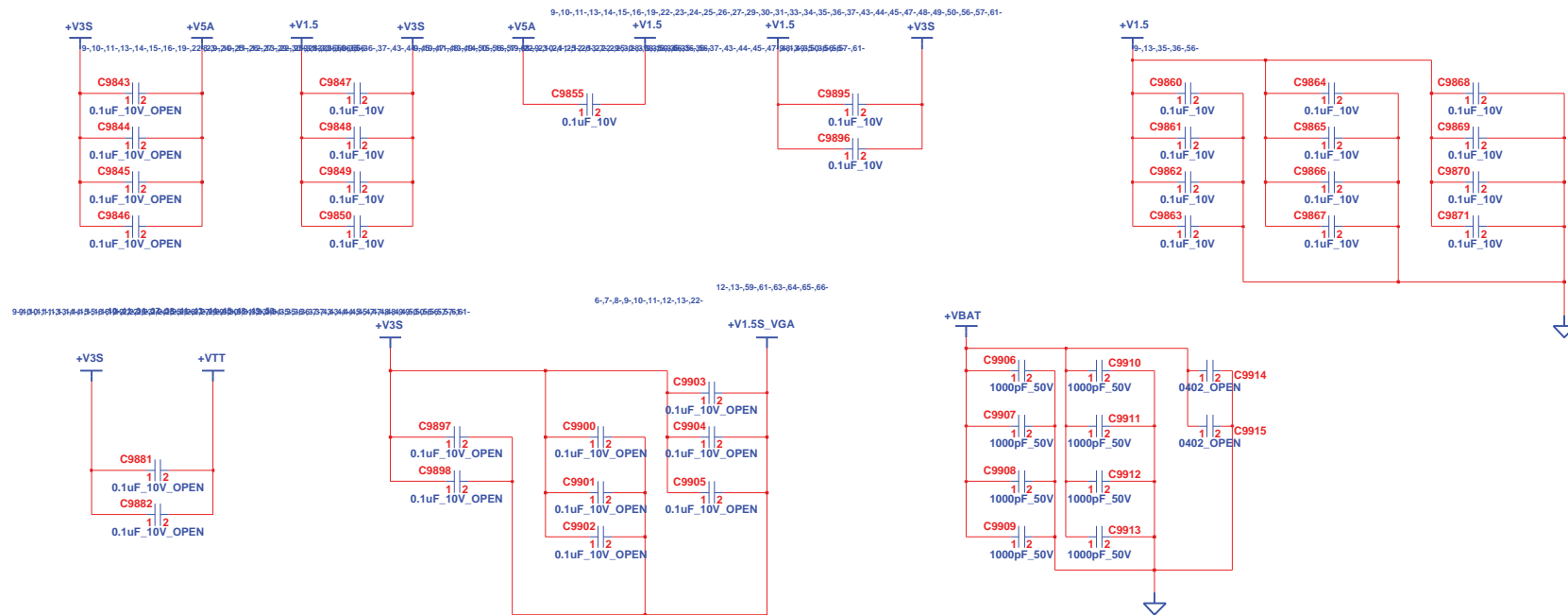
USB



INVENTEC				
TITLE BL10G				
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01	
CHANGE by		Drawer Name	18-Oct-2009	
SHEET		55	OF 66	

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EMI



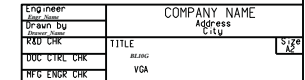
INVENTEC

TITLE
BL10G
EMI

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Drawer Name* 18-Oct-2009

SHEET 56 OF 66



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AMD M56M2 TSB PCBGA 962P

REV	DESCRIPTION	DATE	BY	CHK
1	Initial Release	2010-02-01
2
3
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11
12

Changed by BL106	Date Changed 18-Oct-2009	Time Changed 2:18:22 pm	QA CHK	REV X01	Drawing Number	Sheet 59 of 66
9	10	11	12			

http://hobi-elektronika.net

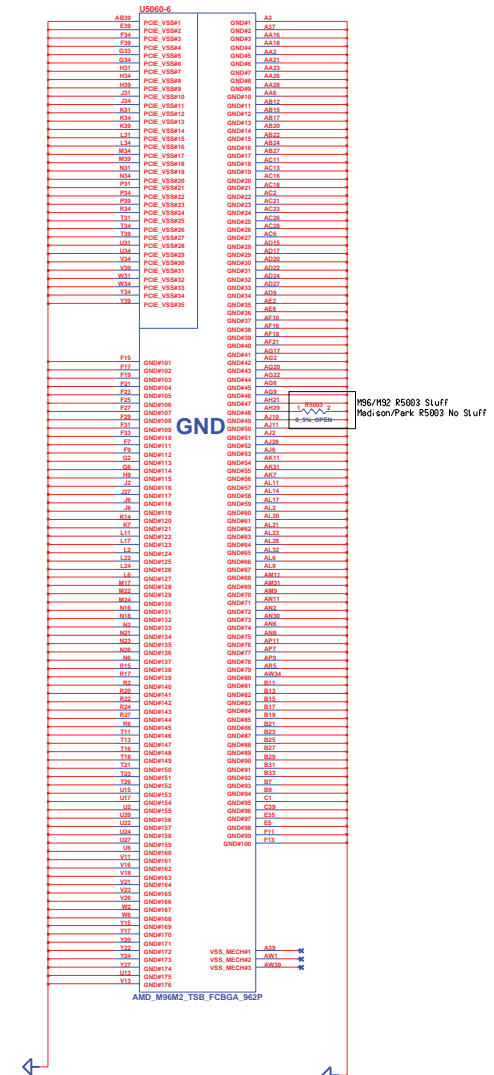
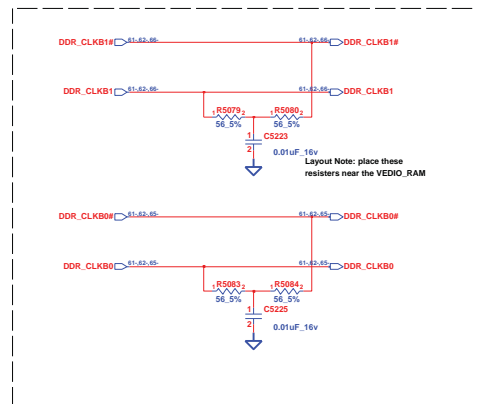
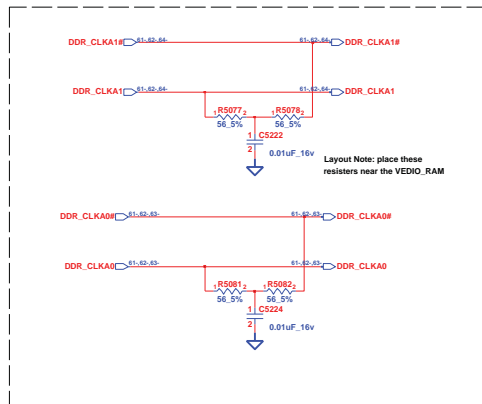
PCB layout for AMD M96M2 TSB, FCBOGA 962P. The diagram shows various power planes (DPA, DPE, DPB, DPC, DPF, DPO, DPA, DPE, DPB, DPC, DPF, DPO) and their connections to the processor. It includes numerous capacitors (C5191-C5204), inductors (L5001-L5004), and resistors (R5051-R5057). The layout is organized into sections for different power domains, with detailed component placement and routing.

Engineer	Address	City	State
Drawn by			
Rev			
Doc Ctrl			
Mfg Endor			

Company Name: TITLE: S156
 Address: City: State: ZIP: VCA
 Date: 2/20/2007
 Drawing Number: Sheet 60 of 66

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Engineer	COMPANY NAME
UPD CHK	Address
DOC CTRL CHK	City
REV CHK	State
REV CHK	Country
REV CHK	Zip
REV CHK	Phone
REV CHK	Fax
REV CHK	E-mail
REV CHK	Website
REV CHK	Logo
REV CHK	Stamp
REV CHK	Signature
REV CHK	Date
REV CHK	Time
REV CHK	Location
REV CHK	Project
REV CHK	Task
REV CHK	Sub-task
REV CHK	Item
REV CHK	Part
REV CHK	Assembly
REV CHK	Sub-assembly
REV CHK	Component
REV CHK	Material
REV CHK	Process
REV CHK	Equipment
REV CHK	Tooling
REV CHK	Fixture
REV CHK	Jig
REV CHK	Die
REV CHK	Wafer
REV CHK	Chip
REV CHK	Package
REV CHK	Module
REV CHK	Board
REV CHK	System
REV CHK	Product
REV CHK	Service
REV CHK	Support
REV CHK	Training
REV CHK	Documentation
REV CHK	Marketing
REV CHK	Sales
REV CHK	Customer
REV CHK	Partner
REV CHK	Supplier
REV CHK	Vendor
REV CHK	Manufacturer
REV CHK	Distributor
REV CHK	Retailer
REV CHK	Wholesaler
REV CHK	Importer
REV CHK	Exporter
REV CHK	Shipper
REV CHK	Carrier
REV CHK	Freight
REV CHK	Insurance
REV CHK	Customs
REV CHK	Tax
REV CHK	Legal
REV CHK	Accounting
REV CHK	Finance
REV CHK	Human Resources
REV CHK	Information Technology
REV CHK	Operations
REV CHK	Production
REV CHK	Quality Control
REV CHK	Research and Development
REV CHK	Innovation
REV CHK	Patents
REV CHK	Trademarks
REV CHK	Copyrights
REV CHK	Licenses
REV CHK	Agreements
REV CHK	Contracts
REV CHK	Deeds
REV CHK	Wills
REV CHK	Testaments
REV CHK	Obituaries
REV CHK	Eulogies
REV CHK	Funerals
REV CHK	Burials
REV CHK	Cremations
REV CHK	Interments
REV CHK	Memorials
REV CHK	Gravestones
REV CHK	Headstones
REV CHK	Monuments
REV CHK	Markers
REV CHK	Plaques
REV CHK	Signs
REV CHK	Logos
REV CHK	Emblems
REV CHK	Seals
REV CHK	Stamps
REV CHK	Imprints
REV CHK	Images
REV CHK	Photographs
REV CHK	Videos
REV CHK	Audio
REV CHK	Visuals
REV CHK	Media
REV CHK	Content
REV CHK	Information
REV CHK	Knowledge
REV CHK	Wisdom
REV CHK	Understanding
REV CHK	Insight
REV CHK	Perception
REV CHK	Sensation
REV CHK	Feeling
REV CHK	Emotion
REV CHK	Mood
REV CHK	State
REV CHK	Condition
REV CHK	Situation
REV CHK	Circumstance
REV CHK	Environment
REV CHK	Context
REV CHK	Background
REV CHK	Setting
REV CHK	Scene
REV CHK	Place
REV CHK	Location
REV CHK	Area
REV CHK	Zone
REV CHK	District
REV CHK	Region
REV CHK	State
REV CHK	Country
REV CHK	World
REV CHK	Universe
REV CHK	Cosmos
REV CHK	Galaxy
REV CHK	Star
REV CHK	Planet
REV CHK	Moon
REV CHK	Comet
REV CHK	Metor
REV CHK	Black Hole
REV CHK	White Dwarf
REV CHK	Red Dwarf
REV CHK	Blue Dwarf
REV CHK	Orange Dwarf
REV CHK	Yellow Dwarf
REV CHK	Green Dwarf
REV CHK	Purple Dwarf
REV CHK	Pink Dwarf
REV CHK	Brown Dwarf
REV CHK	Grey Dwarf
REV CHK	Black Dwarf
REV CHK	White Dwarf
REV CHK	Red Dwarf
REV CHK	Orange Dwarf
REV CHK	Yellow Dwarf
REV CHK	Green Dwarf
REV CHK	Purple Dwarf
REV CHK	Pink Dwarf
REV CHK	Brown Dwarf
REV CHK	Grey Dwarf
REV CHK	Black Dwarf

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Engineer	COMPANY NAME
Drawn by	Address
Rev	City
TITLE	Sheet 63 of 66
DOC CTRL CHK	Rev
PRG ENDR CHK	VGA
Approved by	Date changed
2.2.2007	2.2.2007
1.2.2007	1.2.2007
1.2.2007	1.2.2007

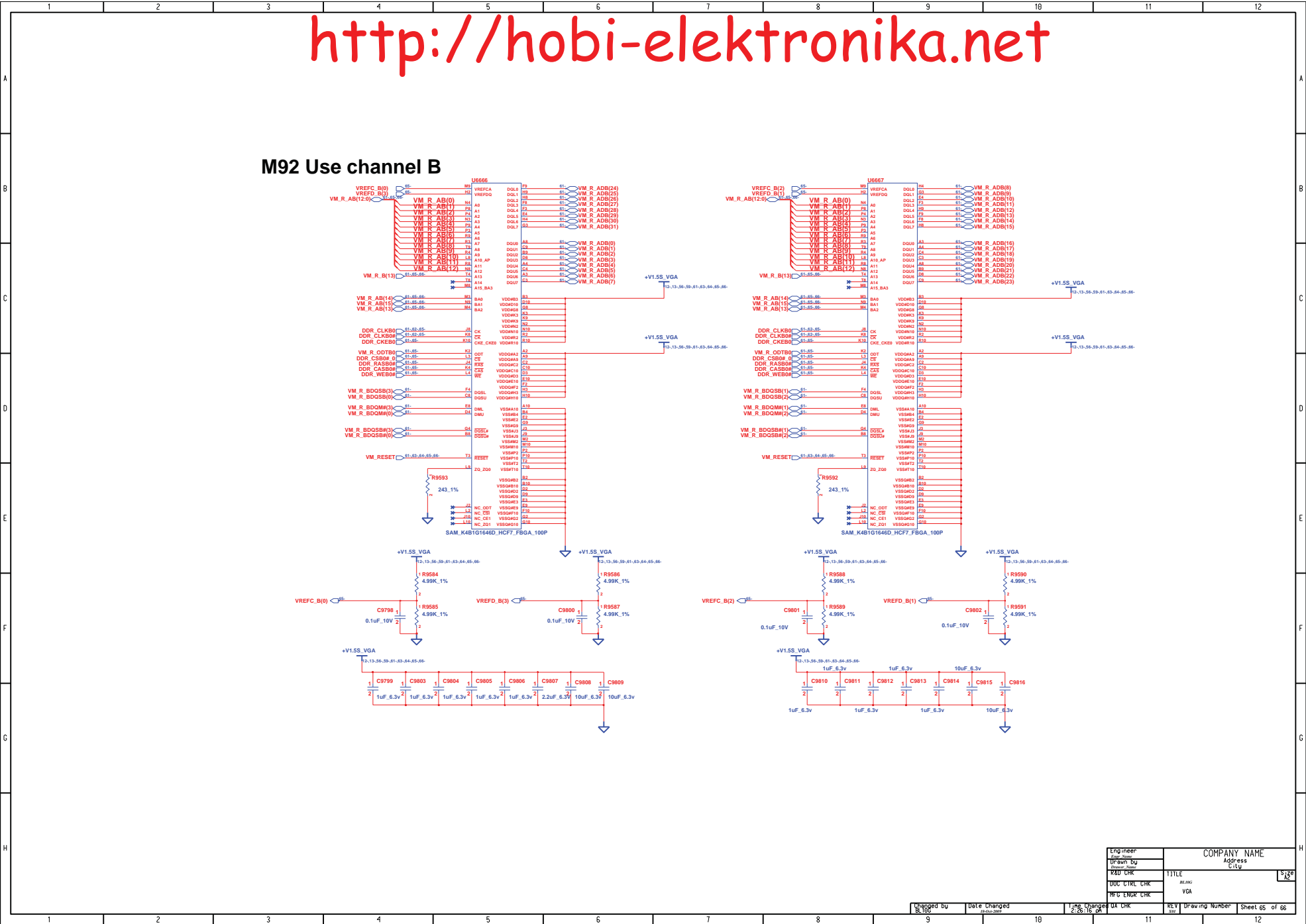
Changed by BL100	Date Changed 18-Oct-2009	Time Changed 2:24:02 pm	UA CHK	REV 301	Drawing Number	Sheet 63 of 66
9	10	11	12			

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Engineer Drawn by R&D CHK DOC CTRL CHK MFG ENDR CHK	COMPANY NAME Address City State ZIP VCA
Date changed Date changed Date changed	Drawing Number Sheet 65 of 66



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M92 Use channel B

Engineer Drawn by K40 CHK Doc Ctrlr CHK Mfg ENDR CHK	COMPANY NAME Address City State Zip VCA
Date changed 2-26-16	Drawing Number 04

1 2 3 4 5 6 7 8 9 10 11 12

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