

1

2

3

4

5

6

7

8

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF INVENTEC CORPORATION AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, INVENTEC CORPORATION 2009 ALL RIGHT RESERVED

A

HSF Property : HF

B

KITTY14I

Huron River Platform

MV Build(Only UMA)

A02

2011/03/23

C

D

E

KITTY UMA USB2.0 :

D500 : NA  
L536 : NA  
U9834 : NA  
CN505 : 6026B0184301  
CN507 : 6026B0184301

L7076 : NA  
L7042 : NA  
L7077 : 6014A0013901  
L7075 : 6014A0013901  
CN7003 : 6012B0381501  
CN7004 : 6012B0381501

} USB 3.0  
} USB 2.0

F

2011-03-11	2011-ECO-004350	A
DATE	CHANGE NO.	REV

	EE	DATE	POWER	DATE	INVENTEC		
DRAWER	Chang, Irene	2010-12-01	Hsieh, Alan	2010-12-01	TITLE		
DESIGN	Hu, Hook	2010-12-01			KITTY		
CHECK	Hu, Hook	2010-12-01			Project Name		
RESPONSIBLE					SIZE CODE DOC. NUMBER REV		
SIZE = 3					VER :		
FILE NAME : KITTY-6050A2424501-A01-2010-12-01					A3 CS I310A24245-0-MTR A		
P/N	6050A2424501				SHEET 1 OF 51		

12345678

## Index

### PAGE

- 01. PROJECT NAME
- 02. INDEX
- 03. Block Diagram
- 04. POWER Procedure
- 05. Power On sequence
- 06. DC & CHARGE Circuit
- 07. Battery CONN
- 08. +V3A & +V5A
- 09. +V1.5 & +V0.75
- 10. +V1.8S & +VCCSA
- 11. VCC & VGFX Core IC
- 12. +VCC\_CORE & +VGFX\_CORE
- 13. VTT & +V1.05S
- 14. +V5S & +V3S & +V1.5S
- 15. SLG3NB\_CLK GEN
- 16. CPU-1 (CLK, MISC, JTAG)
- 17. CPU-2 (POWER)
- 18. CPU-3 (DMI, DP, PEG, FDI)
- 19. CPU-4 (DDR3)
- 20. CPU-5 (GRAPHICS POWER)
- 21. CPU-6 (GND)
- 22. Thermal HW , Fan
- 23. DDR3-1
- 24. DDR3-2

### PAGE

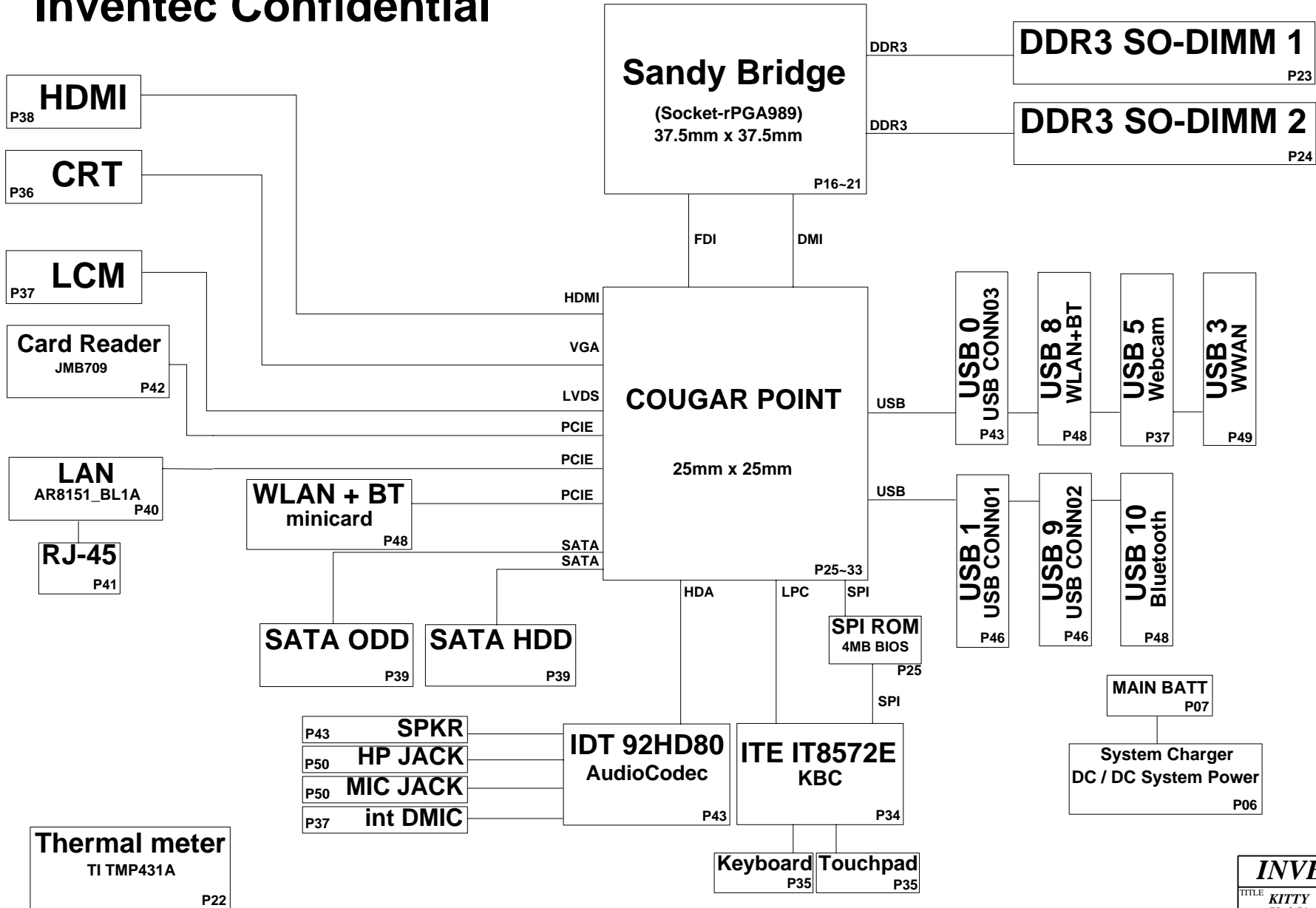
- 25. PCH-1 (HDA, JTAG, SPI, SATA)
- 26. PCH-2 (PCI-E, SMBUS, CLK)
- 27. PCH-3 (DMI, FDI, GPIO)
- 28. PCH-4 (LVDS, DDI)
- 29. PCH-5 (PCI, USB, NVRAM)
- 30. PCH-6 (GPIO, VSS\_NTFC, RSVD)
- 31. PCH-7 (POWER)
- 32. PCH-8 (POWER)
- 33. PCH-9 (GND)
- 34. KBC ITE8752
- 35. Keyboard & TouchPad & LED
- 36. CRT CONN
- 37. LCM & eDP CONN
- 38. HDMI CONN
- 39. SATA HDD & ODD ; PBN CONN
- 40. LAN
- 41. RJ-45
- 42. Card Reader
- 43. Audio Codec
- 44. BLANK
- 45. USB3.0 IC
- 46. USB3.0 CONN
- 47. SCREW& EMI
- 48. WLAN & BlueTooth
- 49. WWAN & SIM
- 50. USB & HP JACK & MIC JACK (DB)
- 51. Power & Pick button BOARD(DB)

**INVENTEC**

TITLE <b>KITTY</b> <i>Index</i>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>I310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>2</b>		OF <b>51</b>	

CHANGE by *Chang, Irene* 22-Mar-2011

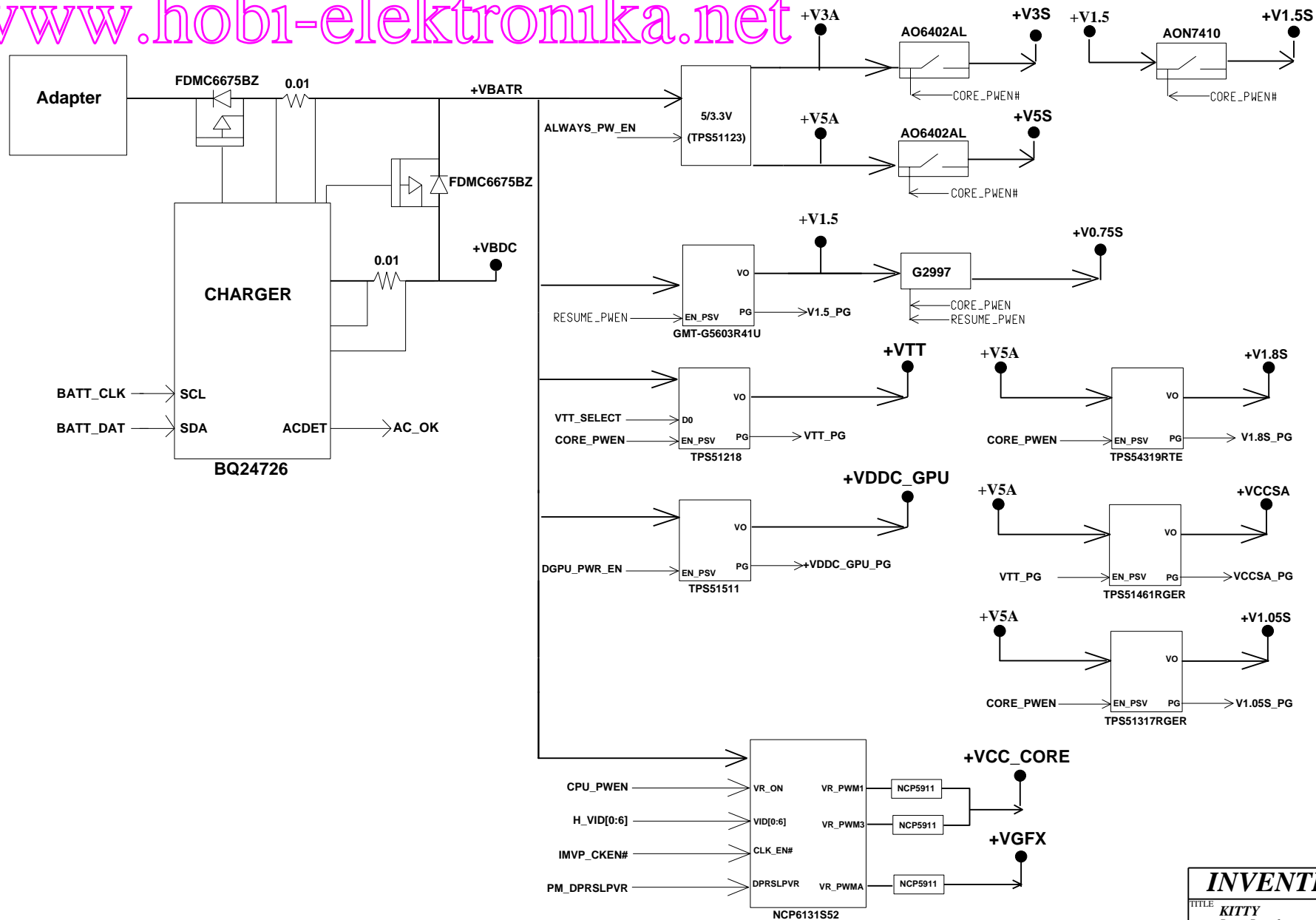
# Inventec Confidential



**INVENTEC**

TITLE <b>KITTY</b> Block Diagram			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>3</b>		OF <b>51</b>	

CHANGE by *Chang, Irene* 22-Mar-2011

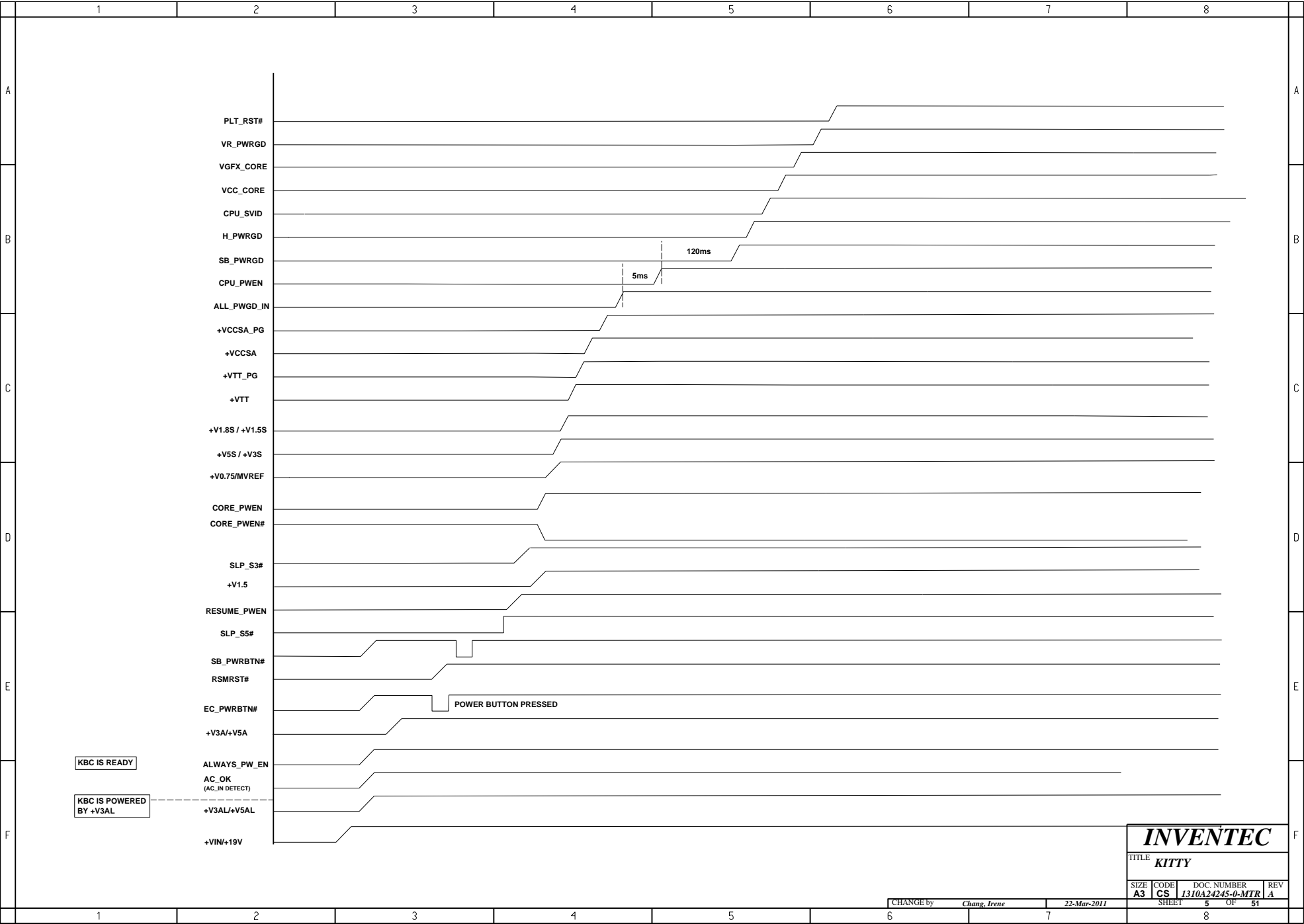


**INVENTEC**

TITLE  
**KITTY**  
Power Procedure  
SIZE CODE DOC NUMBER REV  
**A3 CS I310A24245-0-MTR A**

CHANGE by Chang, Irene 22-Mar-2011

SHEET 4 OF 51

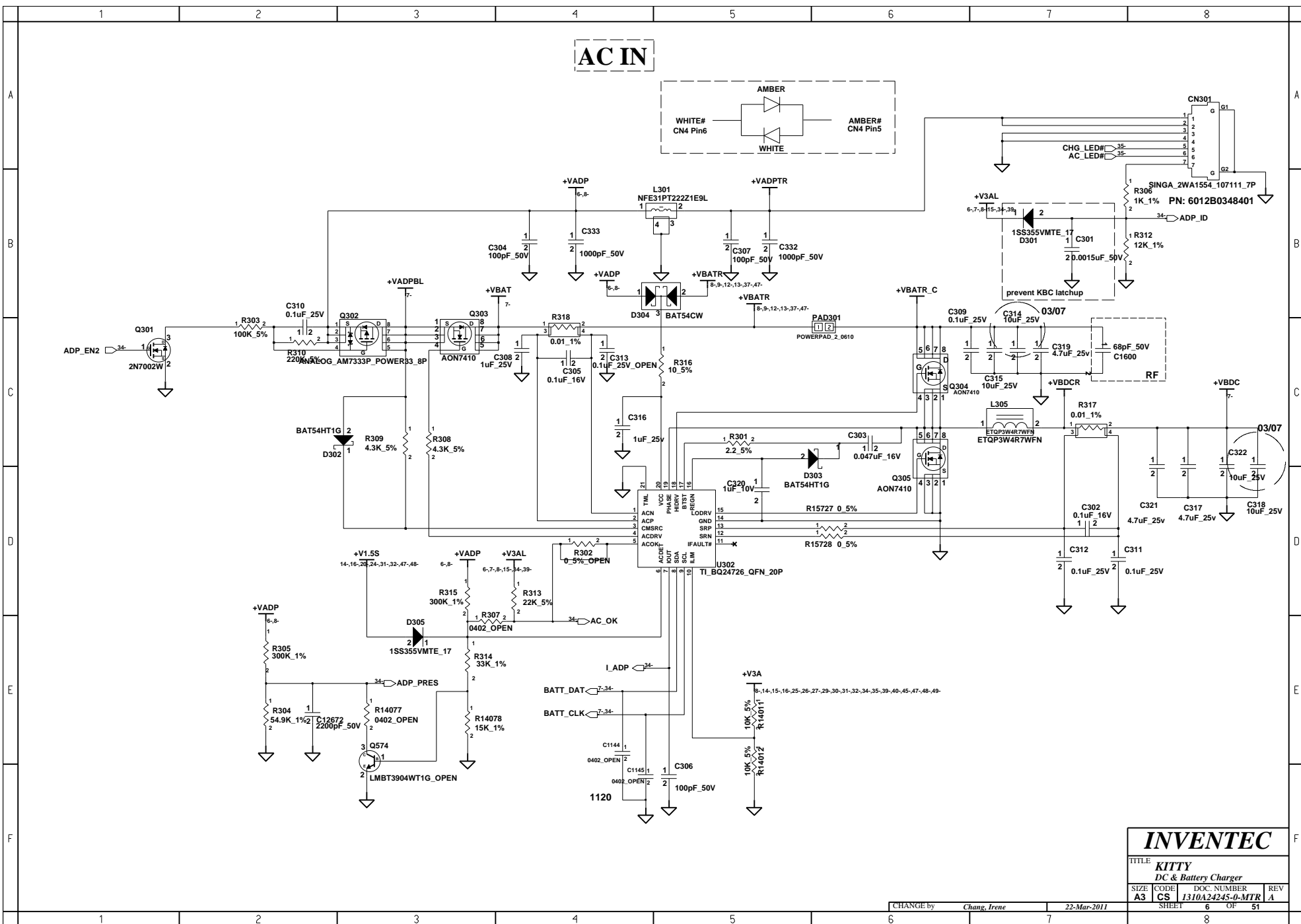


**INVENTEC**

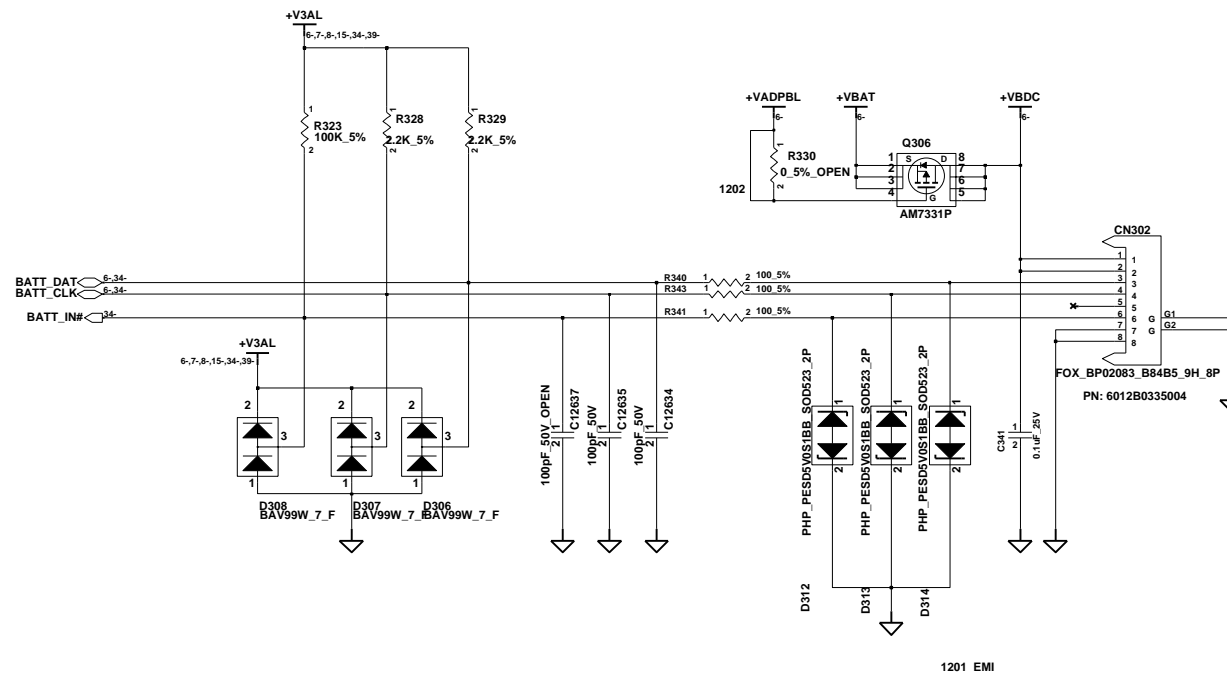
TITLE  
**KITTY**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24245-0-MTR	A
SHEET		5	OF 51

CHANGE by *Chang, Irene* 22-Mar-2011



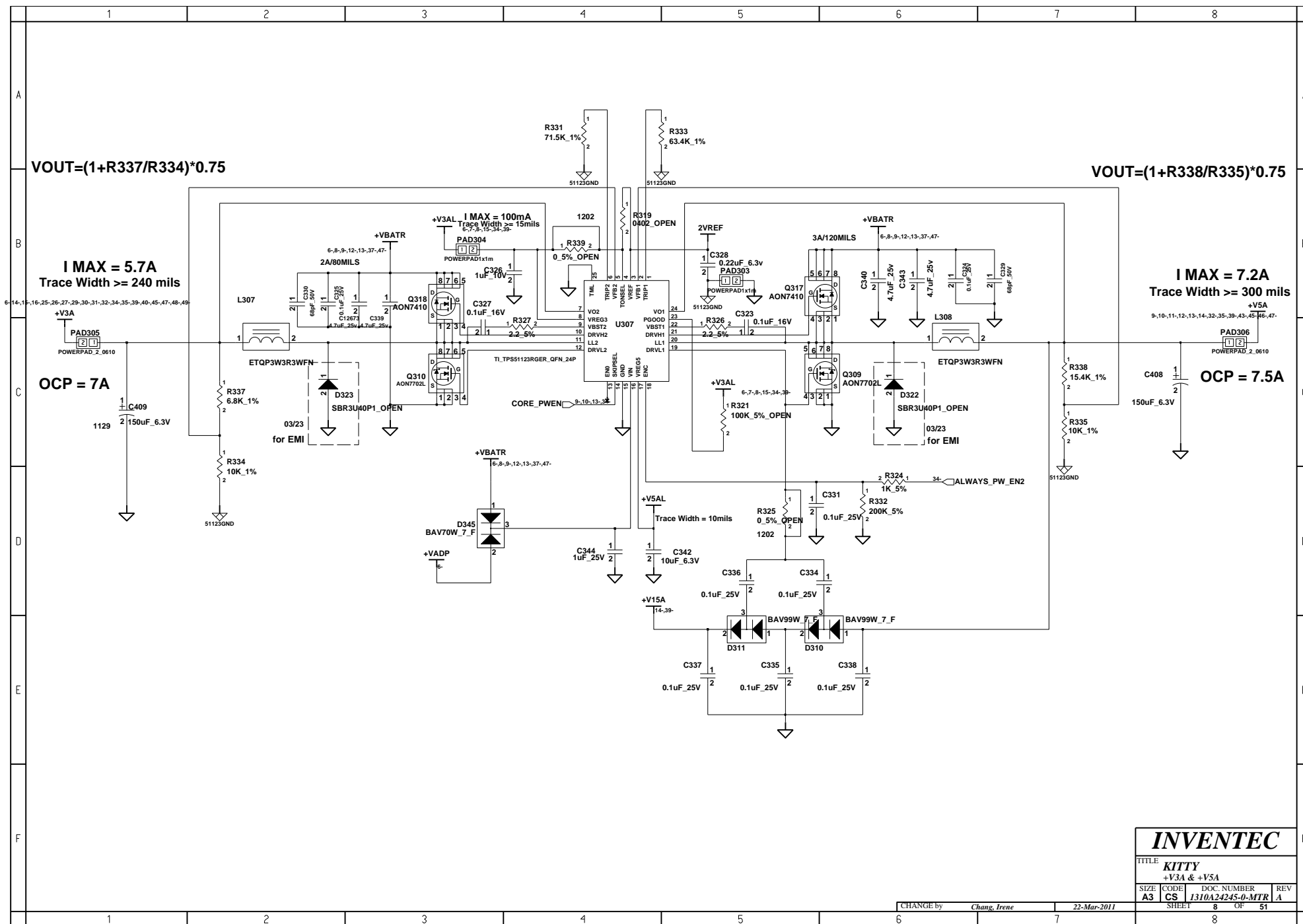
www.hobi-elektronika.net



**INVENTEC**

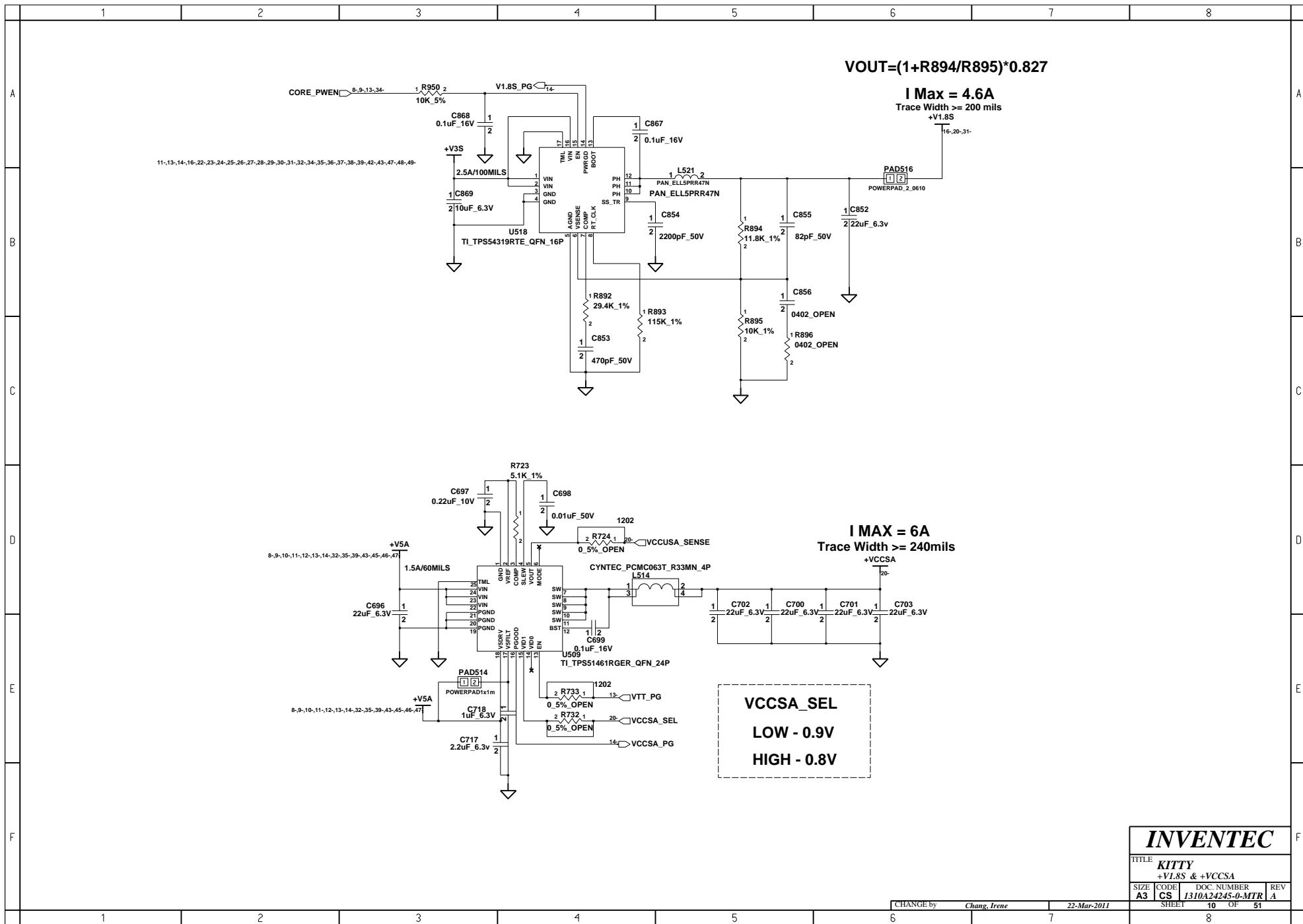
TITLE **KITTY**  
Battery CONN  
SIZE **A3** CODE **CS** DOC. NUMBER **I310A24245-0-MTR** REV **A**  
SHEET **7** OF **51**

CHANGE by *Chang, Irene* 22-Mar-2011



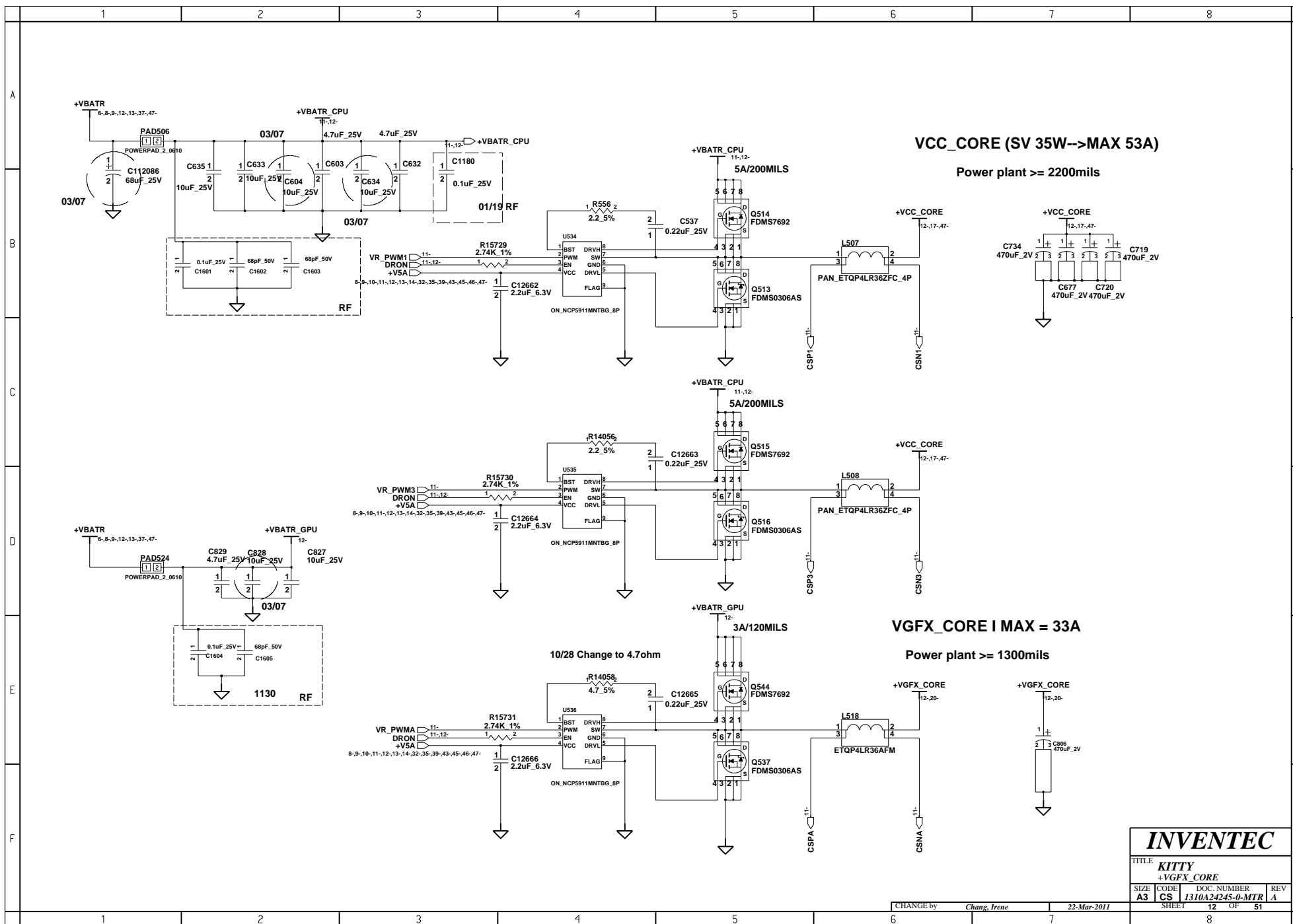


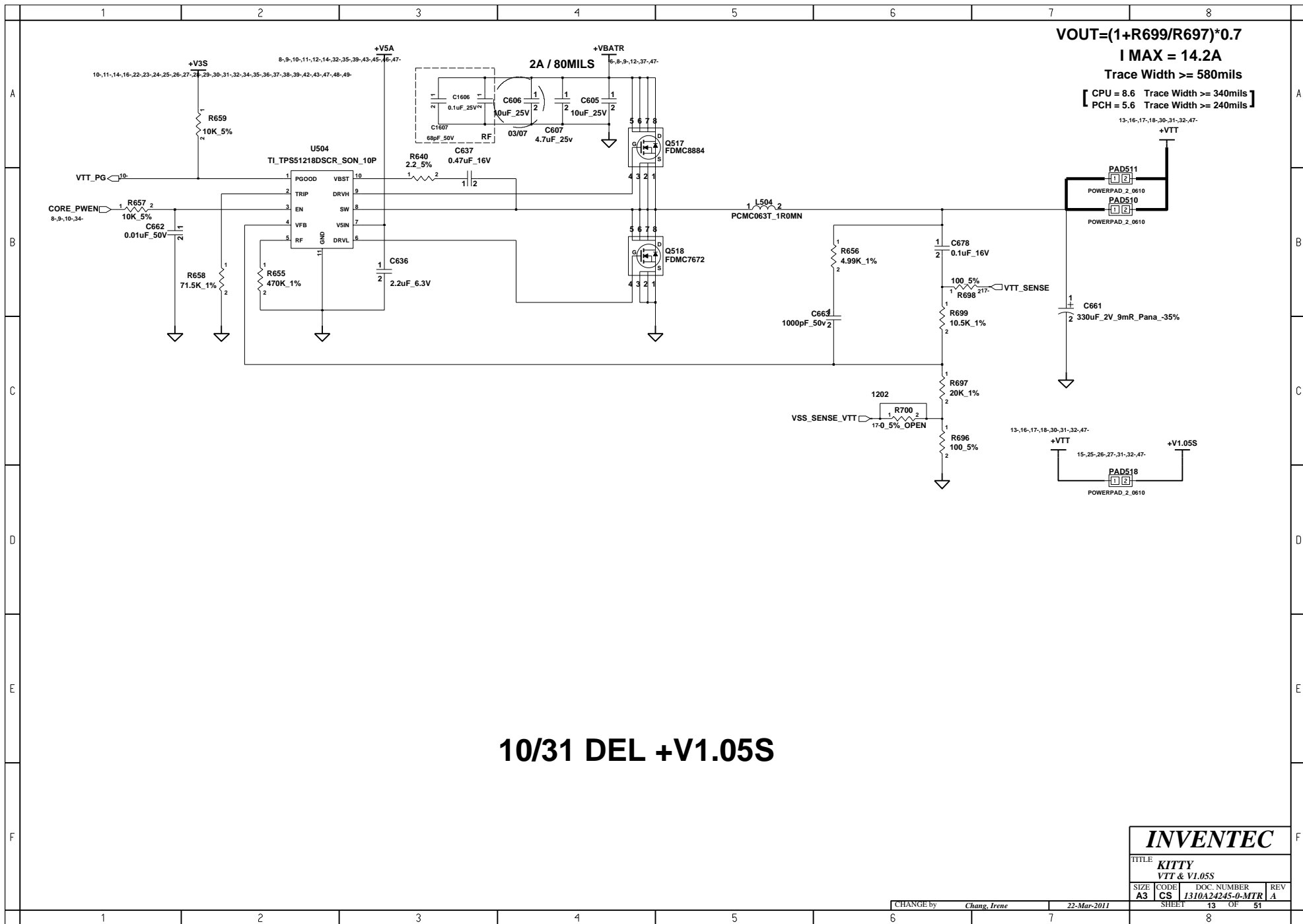




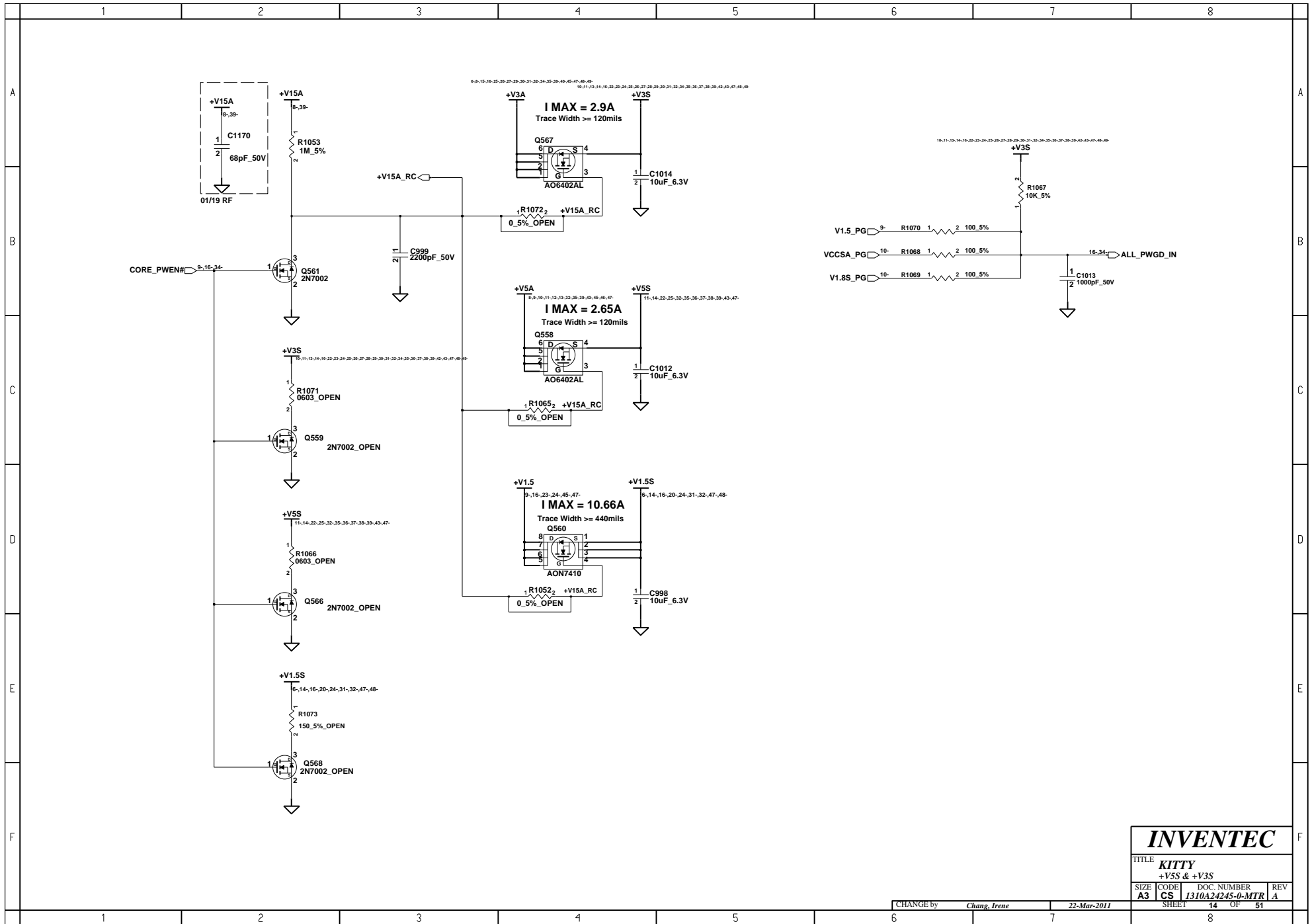
TITLE			
KITTY +VCC_CORE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24245-0-MTR	A
SHEET		11	OF 51

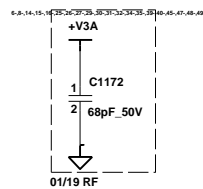
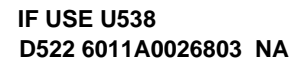
CHANGE by	Chang, Irene	22-Mar-2011
-----------	--------------	-------------





INVENTEC			
TITLE KITTY VTT & V1.05S			
SIZE A3	CODE CS	DOC. NUMBER I310A24245-0-MTR	REV A
CHANGE by Chang, Irene		22-Mar-2011	
SHEET 13		OF 51	





**P/N : 6019B0843401\_OPEN**

TITLE			
<b>KITTY BLANK</b>			
SIZE	CODE	DOC. NUMBER	REV
<b>A3</b>	<b>CS</b>	<b>1310A24245-0-MTR</b>	<b>A</b>
SHEET		15	OF 51

CHANGE by	<i>Chang, Irene</i>	<i>22-Mar-2011</i>
-----------	---------------------	--------------------

8

BOM  
CN510 : 6026B0154902

Place Close to VR

13-16-17-18-30-31-32-47-

+VTT

PWR-B

R748

62 5%

1

C805

47pF\_50V

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

NV\_CLE

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

TP316

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

TP317

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

TP318

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

1

2

TP319

1

2

1

2

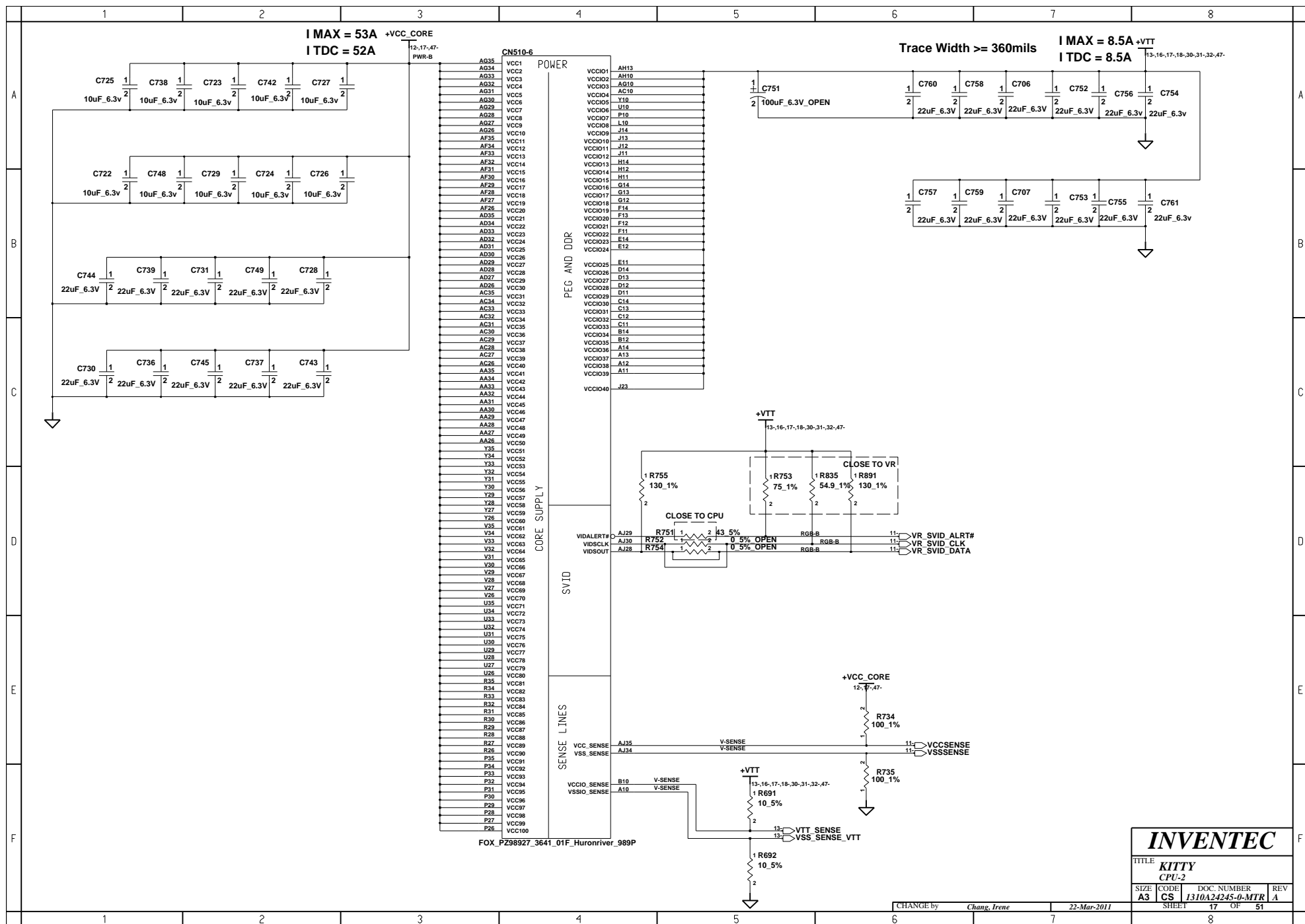
1

2

1

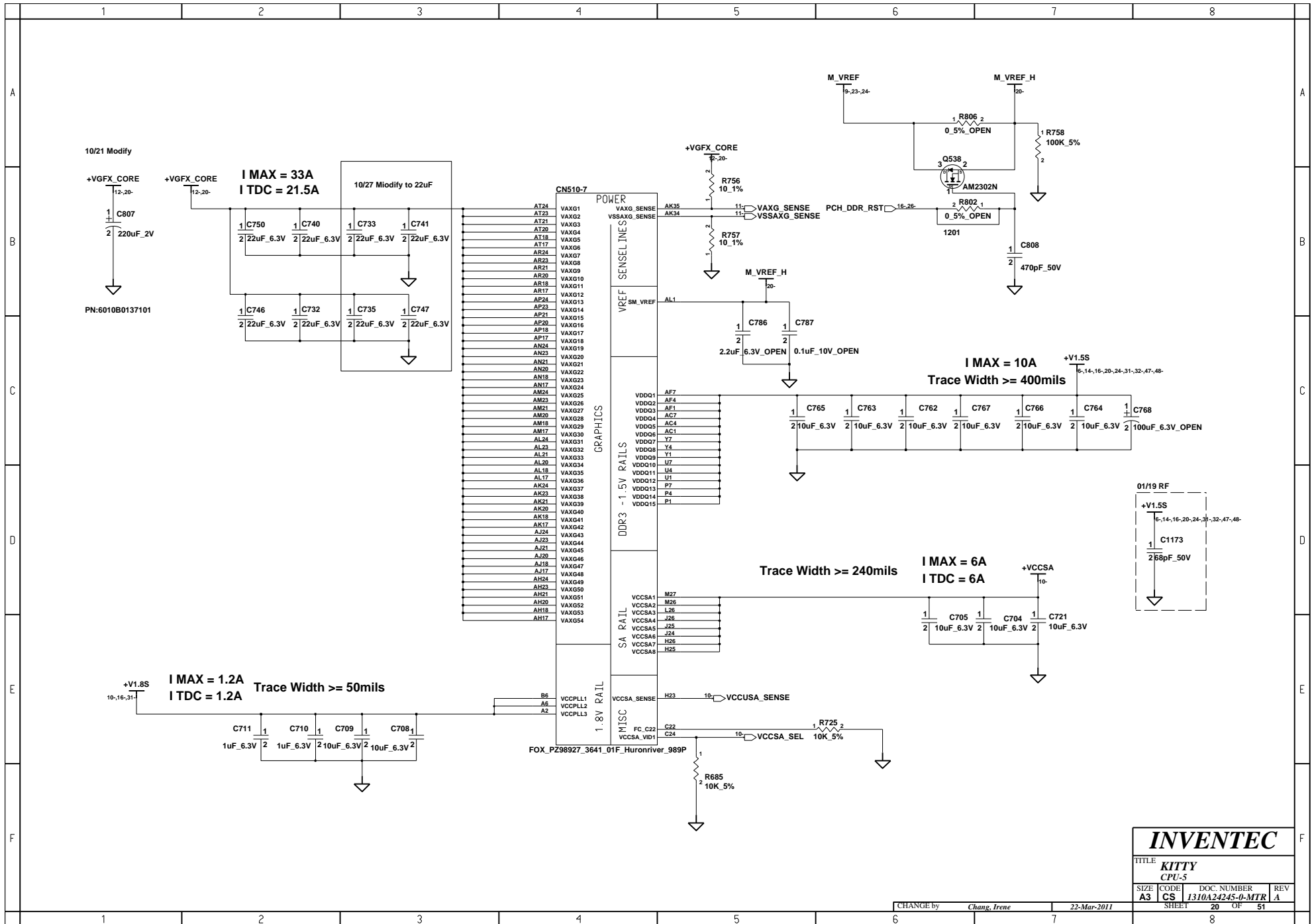
2

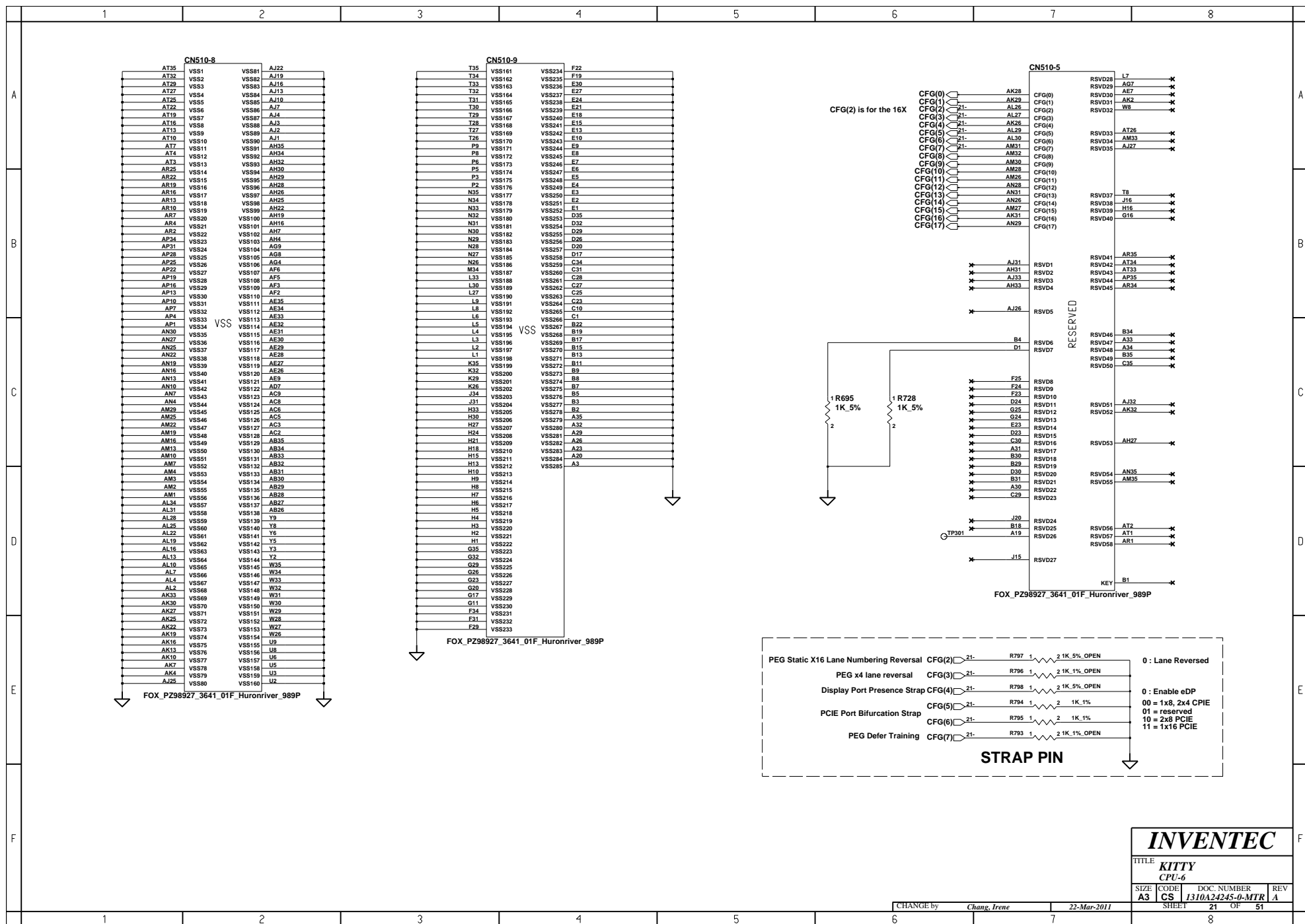






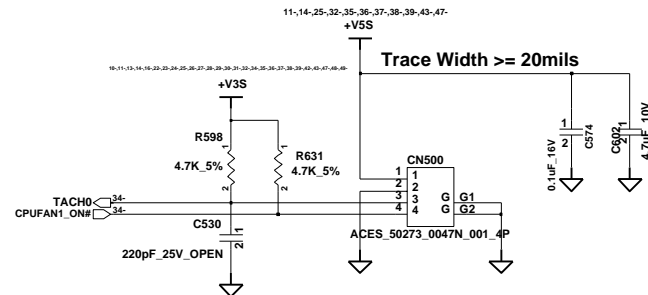
SIZE	CODE	DOC. NUMBER	R
A3	CS	1310A24245-0-MTR	A
SHEET		19	OF 51



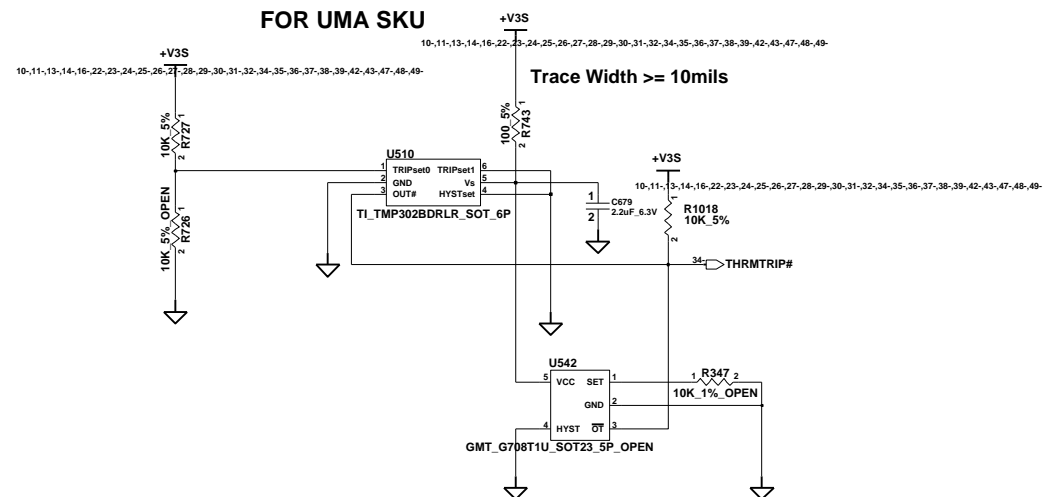


www.hobi-elektronika.net

**\*BOM**  
**CN500 : 6012A0081607**  
**FAN CONN**



**FOR UMA SKU**



**INVENTEC**

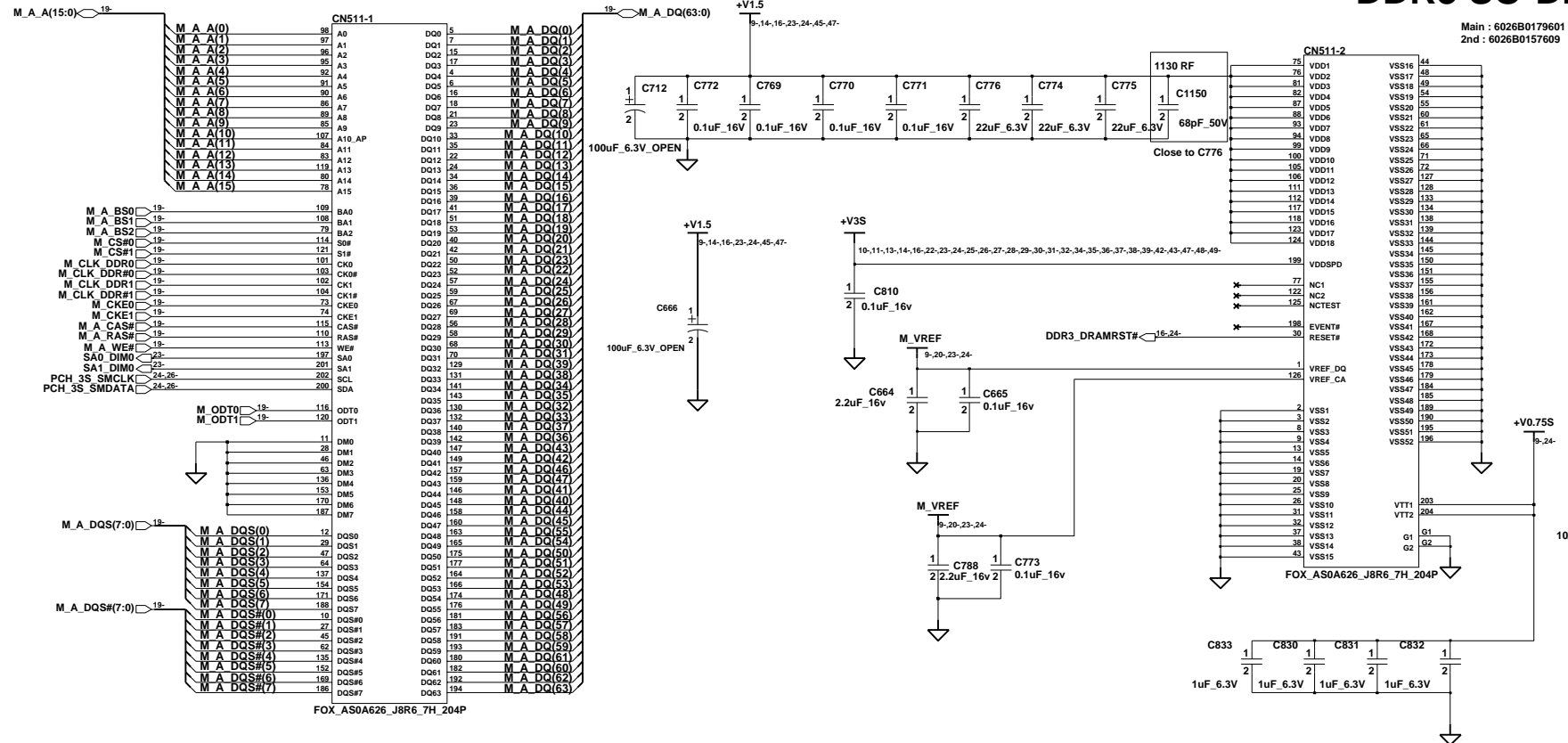
TITLE <b>KITTY</b> Thermal, Fan & XDP			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>I310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>22</b>		OF <b>51</b>	

CHANGE by *Chang, Irene* 22-Mar-2011

8

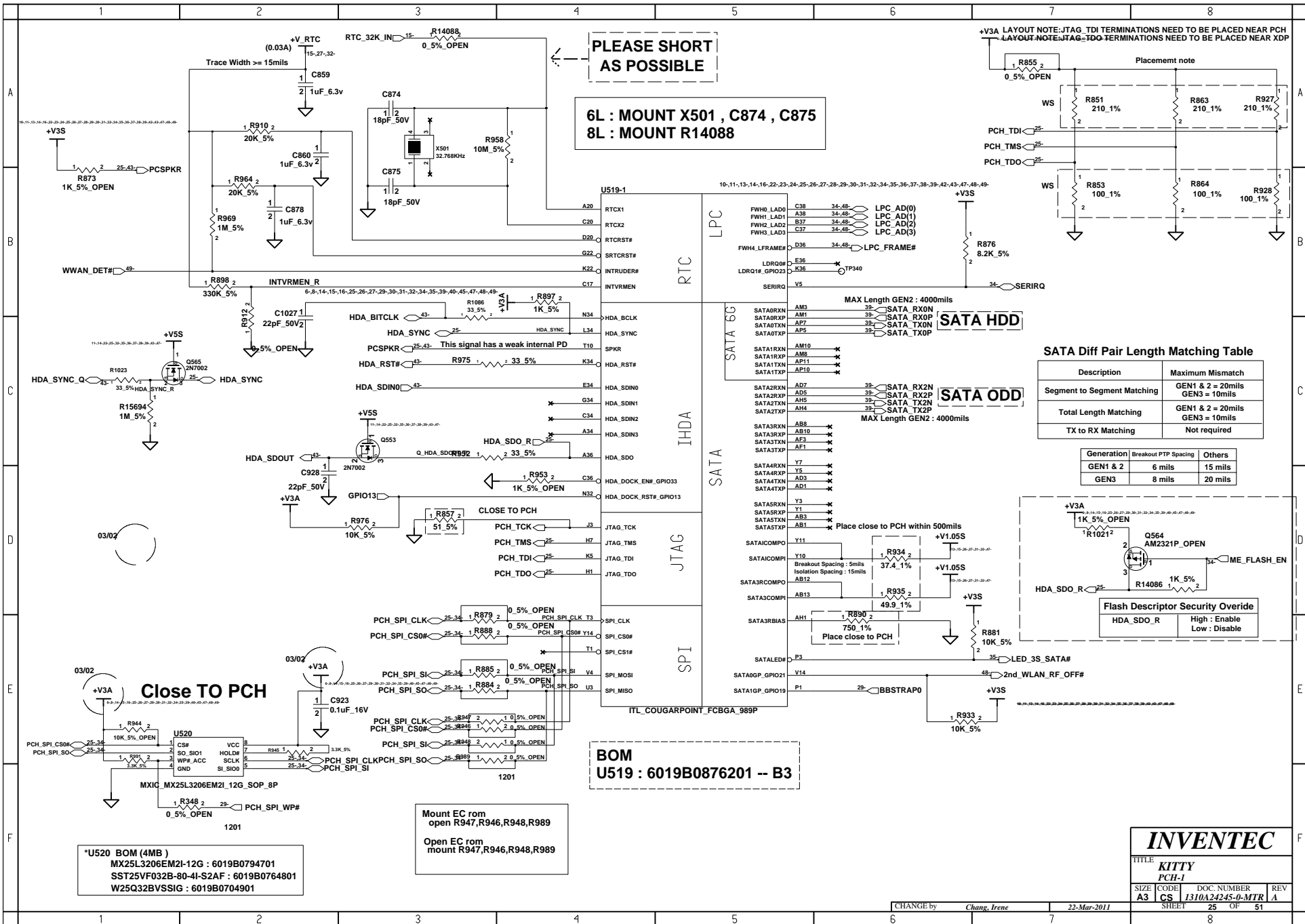
# DDR3 SO-DIMM 1

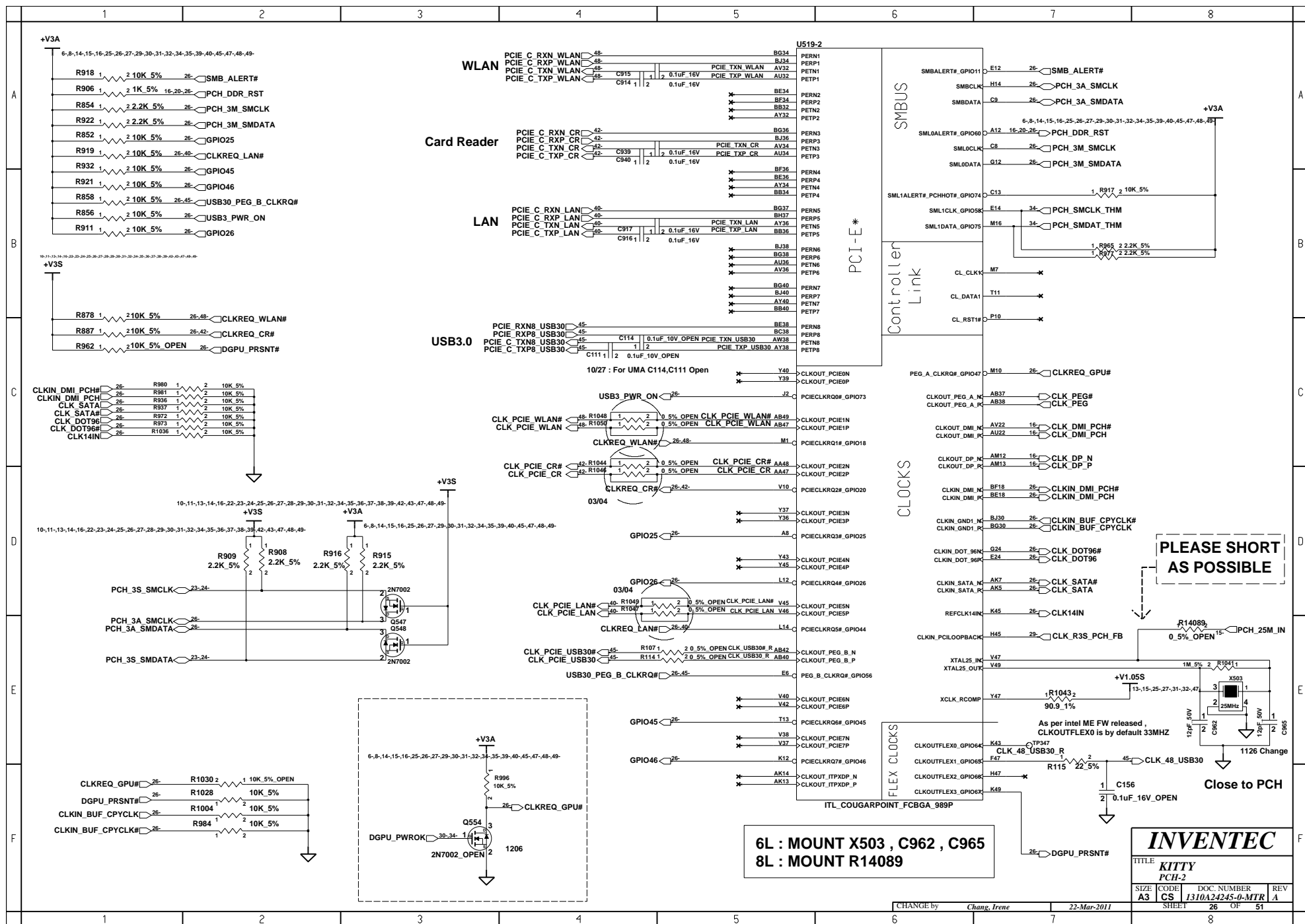
Main : 6026B0179601  
2nd : 6026B0157609











www.hobi-elektronika.net

Note: 1.SLP\_SUS and SUSACK# are NC if DSW is not supported  
 2.DPWROK should connect to RSMRST# if DSW not supported  
 3.PCH\_DPWROK pull up to +V3S enables DSW support. No install R5261 to disable DSW

The diagram illustrates the system power management circuit for the KITTY PCH-3. It features three main integrated circuits: U519-3 (DMI/FDI), U520-3 (System Power Management), and U521-3 (ITL COUGARPOINT\_FCBGA\_989P). The circuit is divided into three main sections: DMI, FDI, and System Power Management. The DMI section shows connections for DMI RXN(0-3), DMI RXP(0-3), DMI TXN(0-3), and DMI TXP(0-3). The FDI section shows connections for FDI RXN(0-7), FDI RXP(0-7), FDI TXN(0-7), and FDI TXP(0-7). The System Power Management section shows connections for various power and signal lines, including SUSACK#, SYS\_RESET#, SYS\_PWROK, PWROK, APWROK, DRAMPWROK, RSMRST#, SUSWARN#, SUSPWROK, GPIO30, PWRBTN#, ACPRESENT, GPIO31, BATLOW#, GPIO72, RI#, SLP\_SUS, SLP\_S4#, SLP\_S3#, SLP\_A#, SLP\_S#, PMSYNCH, and SLP\_LANE#. The circuit also includes power planes (+V3S, +V1.05S, +V\_RTC), various resistors (R983, R982, R907, R868, R930, R931, R929, R926, R861, R862, R860, R859, R849, R850, R959, R966, R913), and capacitors (C112092, C877). A trace width specification of 4mils is indicated. The diagram is divided into sections for DMI, FDI, and System Power Management.

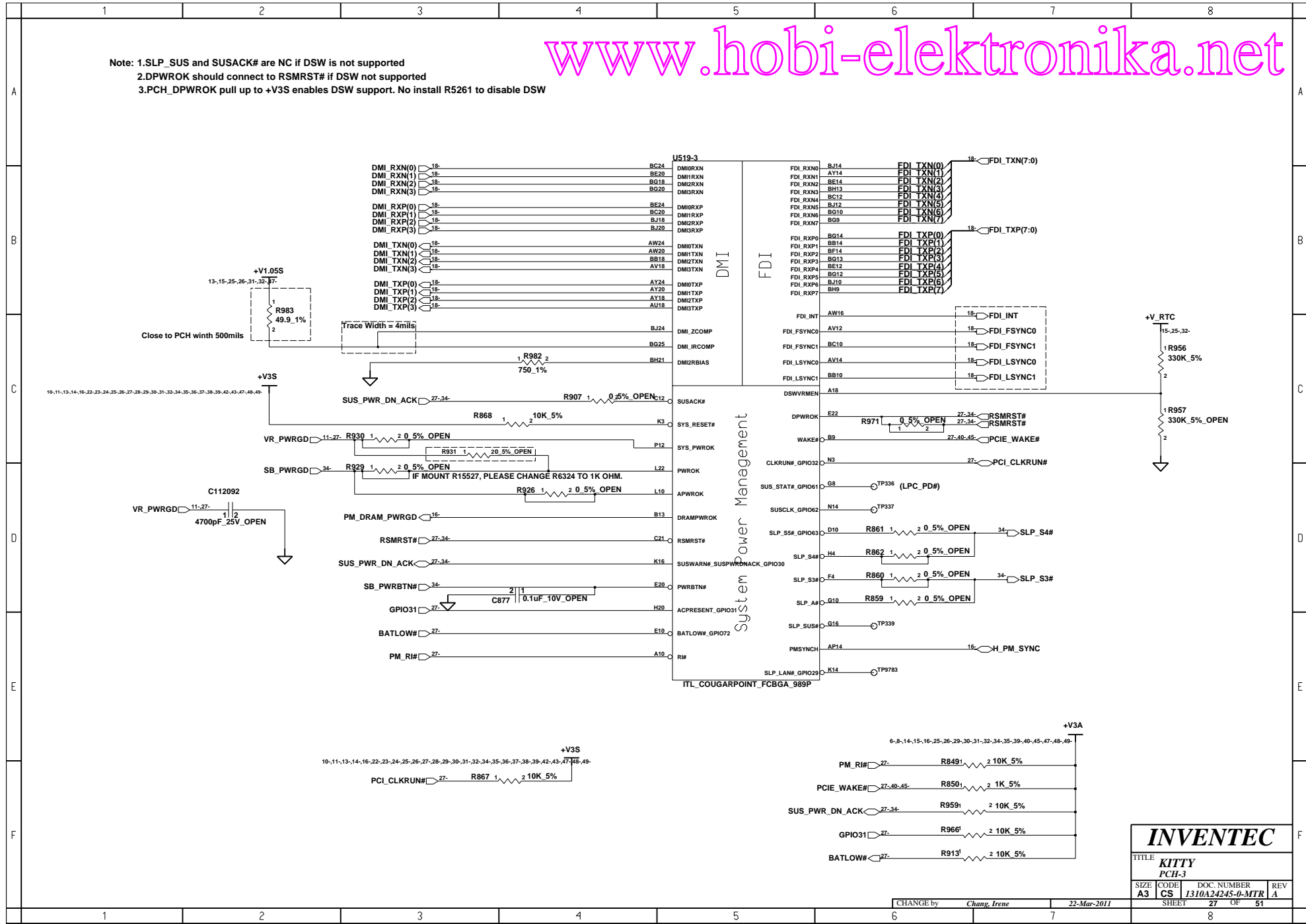
**INVENTEC**

TITLE  
KITTY  
PCH-3

SIZE A3	CODE CS	DOC. NUMBER J310A24245-0-MTR	REV A
SHEET 27		OF 51	

CHANGE by Chang, Irene 22-Mar-2011

8

[illegible][illegible]

www.hobi-elektronika.net

Note: 1.SLP\_SUS and SUSACK# are NC if DSW is not supported  
 2.DPWROK should connect to RSMRST# if DSW not supported  
 3.PCH\_DPWROK pull up to +V3S enables DSW support. No install R5261 to disable DSW

The diagram illustrates the system power management circuit for the KITTY PCH-3. It shows the connection of various components including U519-3 (DMI/FDI), U520-3 (System Power Management), and U521-3 (ITL COUGARPOINT\_FCBGA\_989P). The circuit includes power planes (+V3S, +V1.05S, +V\_RTC), signal lines (DMI, FDI, SLP, SUS, PWR, RST, WAKE, CLK, STAT, SCL, SLP, SUS, PMSYNCH, SLP\_LAN), and various resistors (R983, R982, R907, R868, R930, R931, R929, R926, R861, R862, R860, R859, R849, R850, R959, R966, R913). It also shows capacitors (C112092, C877) and a trace width specification of 4mils. The diagram is divided into sections for DMI, FDI, and System Power Management.

**INVENTEC**

TITLE  
KITTY  
PCH-3

SIZE A3	CODE CS	DOC. NUMBER J310A24245-0-MTR	REV A
SHEET 27		OF 51	

CHANGE by Chang, Irene 22-Mar-2011

8

www.hobi-elektronika.net

Note: 1.SLP\_SUS and SUSACK# are NC if DSW is not supported  
 2.DPWROK should connect to RSMRST# if DSW not supported  
 3.PCH\_DPWROK pull up to +V3S enables DSW support. No install R5261 to disable DSW

The diagram illustrates the system power management circuit for the KITTY PCH-3. It features three main integrated circuits: U519-3 (DMI), U519-4 (FDI), and U519-5 (System Power Management). The circuit is powered by +V3S, +V3A, +V1.05S, and +V\_RTC. Key components include resistors (R983, R982, R987, R986, R981, R980, R959, R966, R913, R971, R972, R973, R974, R975, R976, R977, R978, R979, R980, R981, R982, R983, R984, R985, R986, R987, R988, R989, R990, R991, R992, R993, R994, R995, R996, R997, R998, R999, R1000), capacitors (C112092, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900), and integrated circuits (U519-3, U519-4, U519-5, U519-6, U519-7, U519-8, U519-9, U519-10, U519-11, U519-12, U519-13, U519-14, U519-15, U519-16, U519-17, U519-18, U519-19, U519-20, U519-21, U519-22, U519-23, U519-24, U519-25, U519-26, U519-27, U519-28, U519-29, U519-30, U519-31, U519-32, U519-33, U519-34, U519-35, U519-36, U519-37, U519-38, U519-39, U519-40, U519-41, U519-42, U519-43, U519-44, U519-45, U519-46, U519-47, U519-48, U519-49, U519-50, U519-51, U519-52, U519-53, U519-54, U519-55, U519-56, U519-57, U519-58, U519-59, U519-60, U519-61, U519-62, U519-63, U519-64, U519-65, U519-66, U519-67, U519-68, U519-69, U519-70, U519-71, U519-72, U519-73, U519-74, U519-75, U519-76, U519-77, U519-78, U519-79, U519-80, U519-81, U519-82, U519-83, U519-84, U519-85, U519-86, U519-87, U519-88, U519-89, U519-90, U519-91, U519-92, U519-93, U519-94, U519-95, U519-96, U519-97, U519-98, U519-99, U519-100).

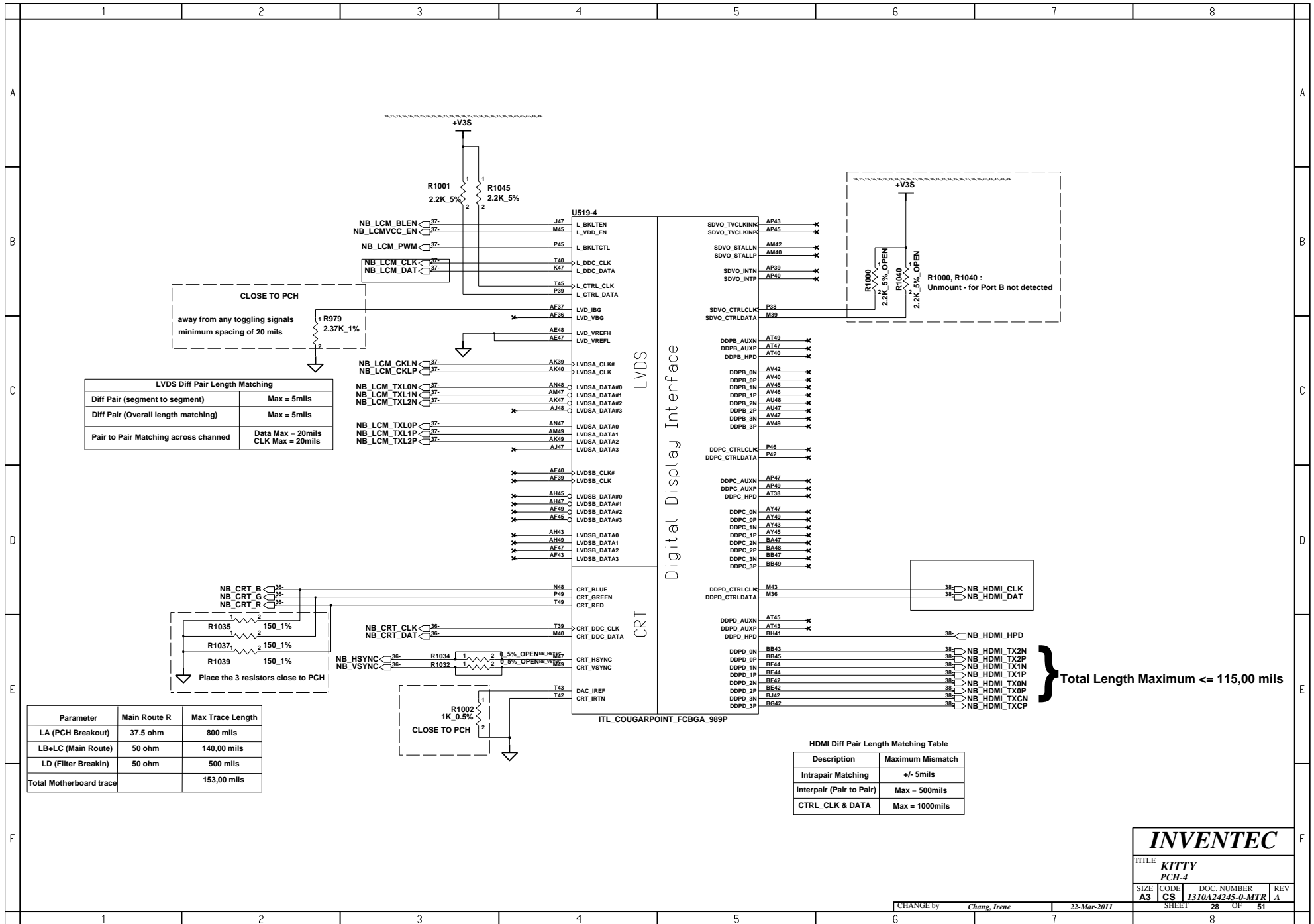
**INVENTEC**

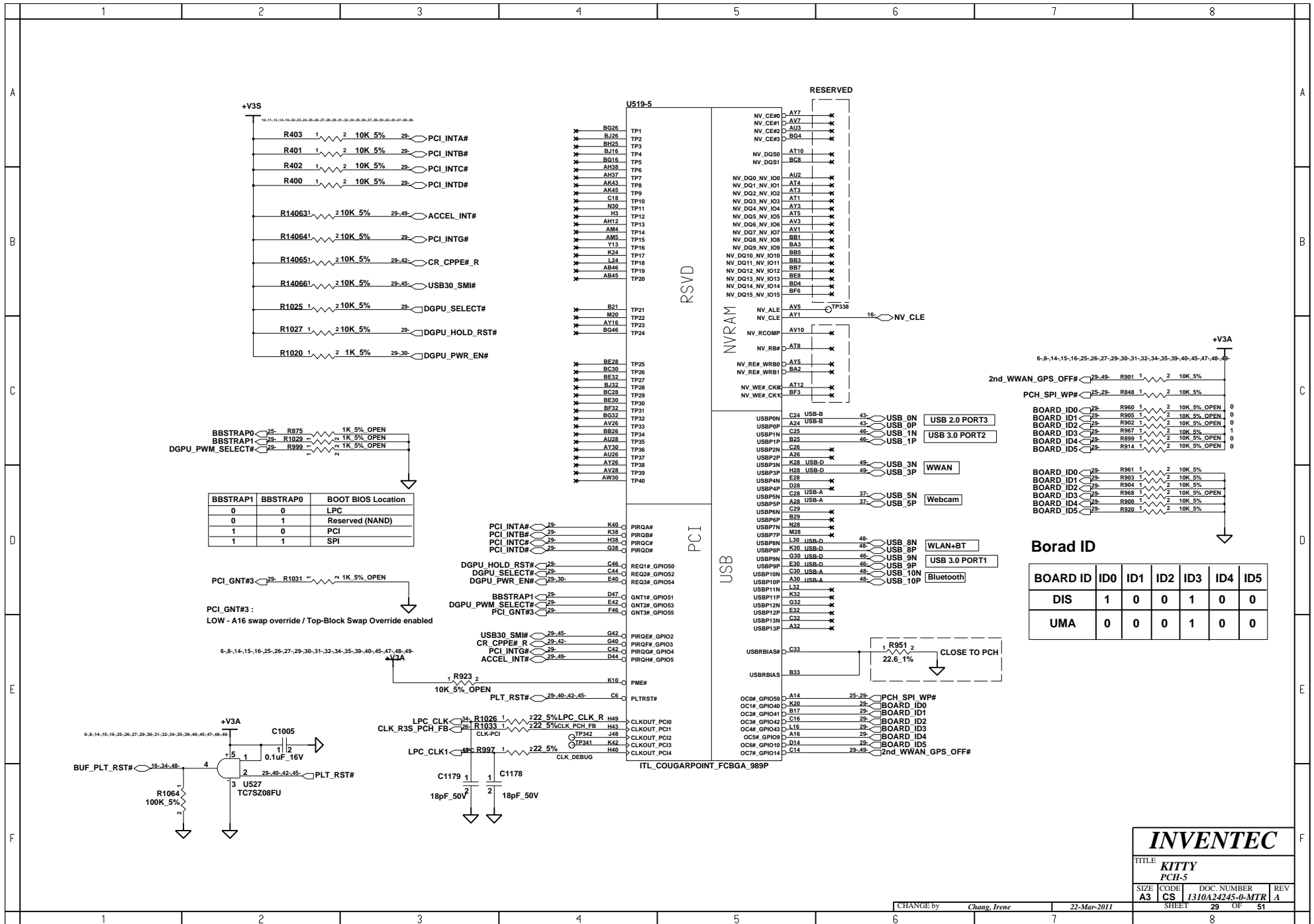
TITLE  
KITTY  
PCH-3

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24245-0-MTR	A
SHEET		27	OF 51

CHANGE by Chang, Irene 22-Mar-2011

8



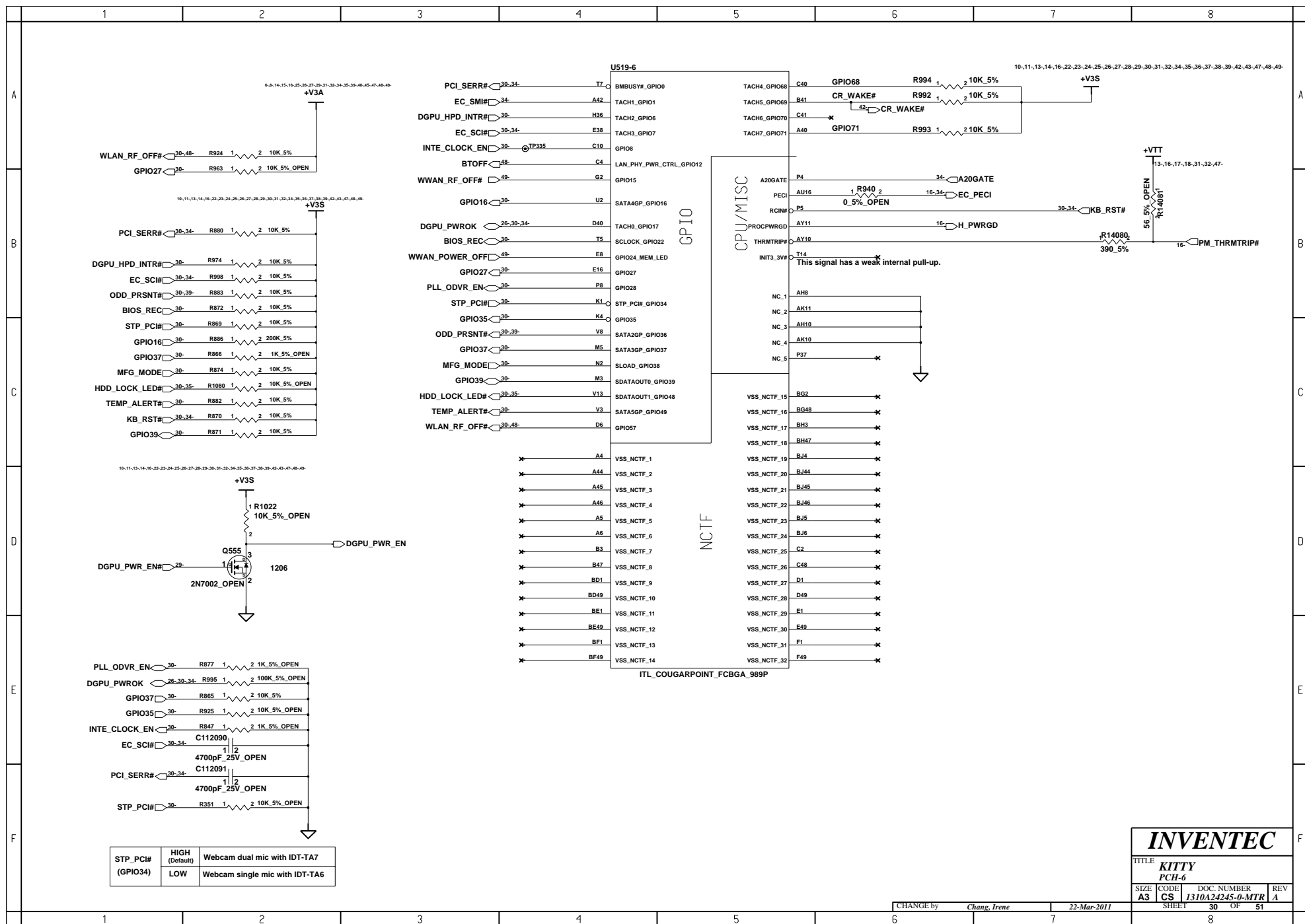


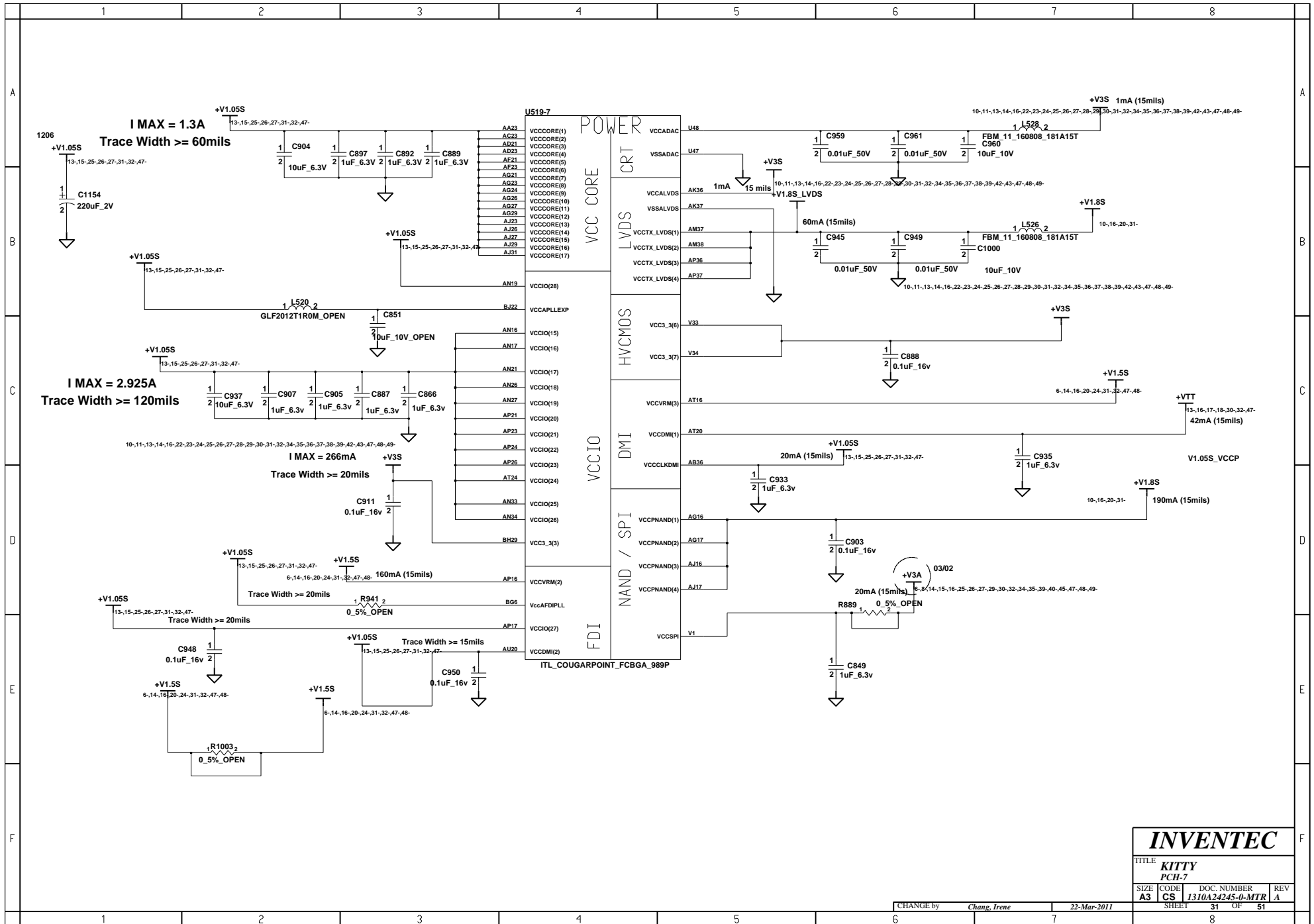
**INVENTEC**

TITLE  
**KITTY  
PCH-5**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>29</b>		OF <b>51</b>	

CHANGE by *Chang, Irene* 22-Mar-2011

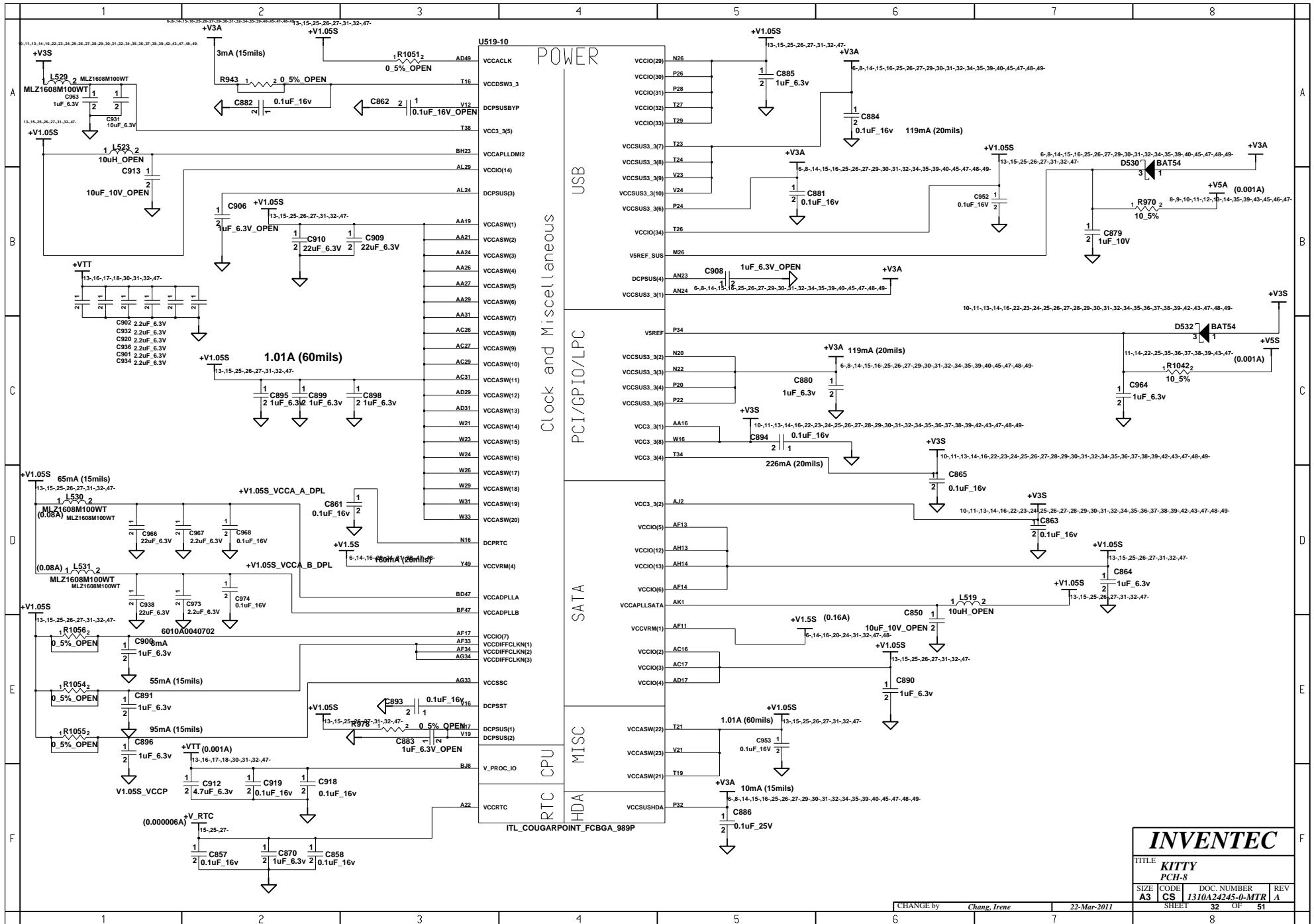




# INVENTEC

TITLE KITTY PCH-7			
SIZE A3	CODE CS	DOC. NUMBER I310A24245-0-MTR	REV A
SHEET 31		OF 51	

CHANGE by Chang, Irene 22-Mar-2011





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

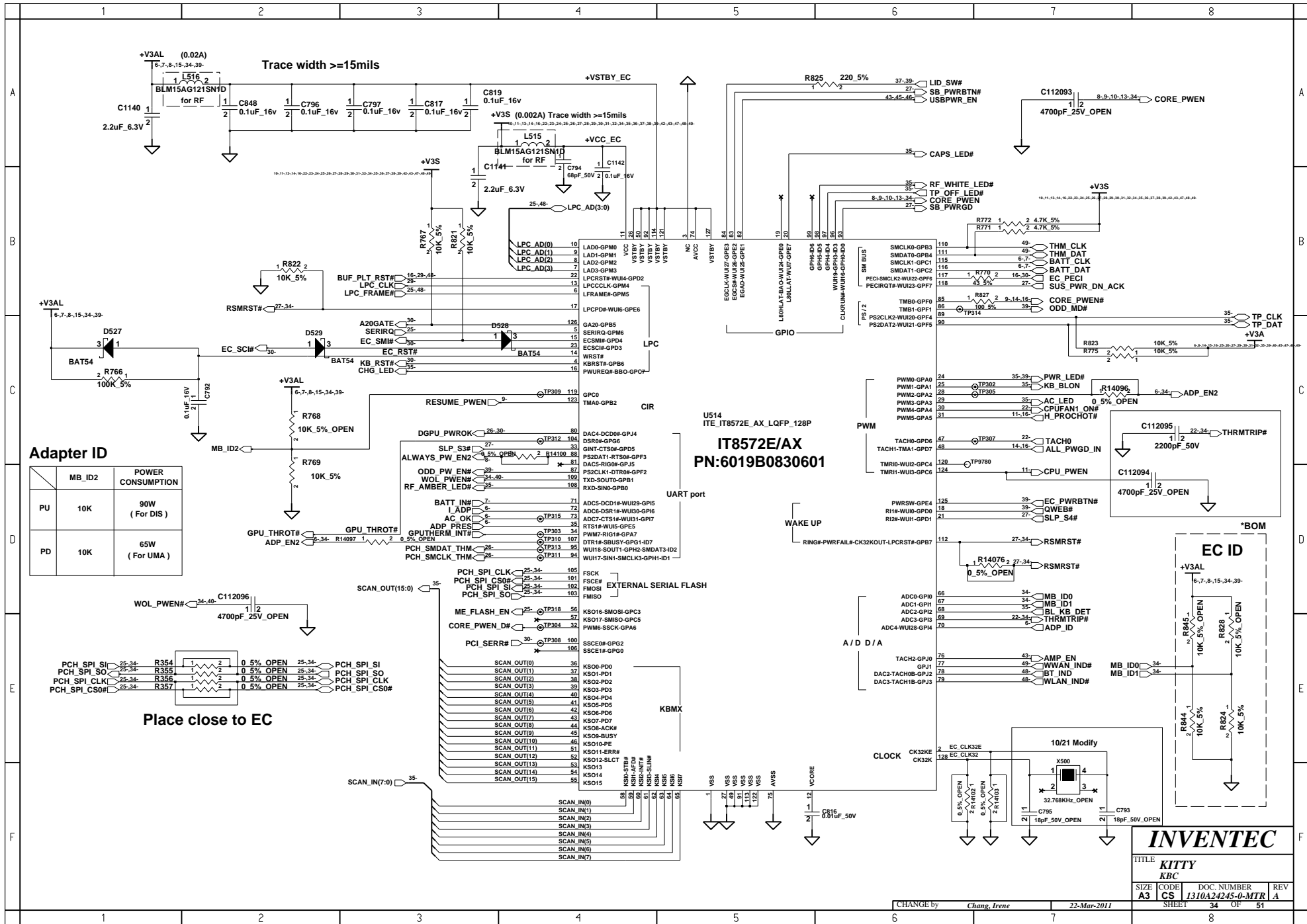
	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

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

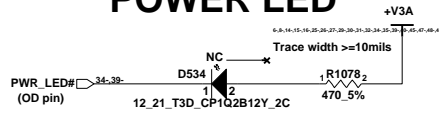
	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

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

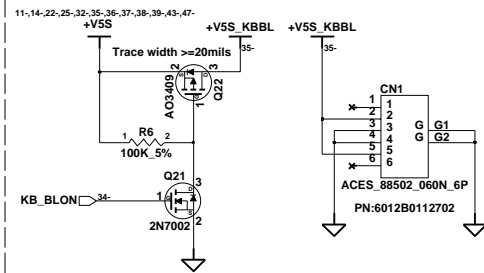
	1	2	3	4	5	6	7	8
A								
B								
C								



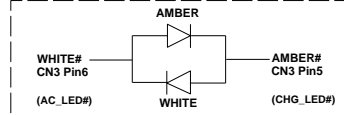
## POWER LED



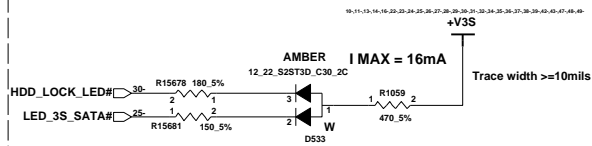
## KeyBoard Baklight CONN



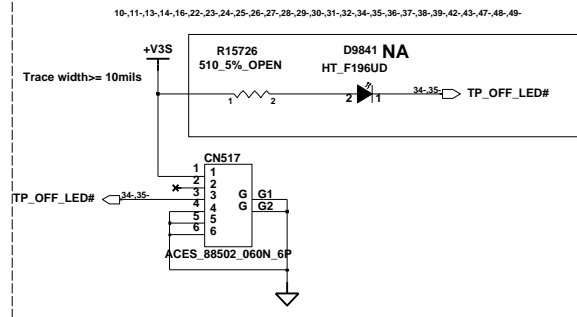
## DC-JACK LED



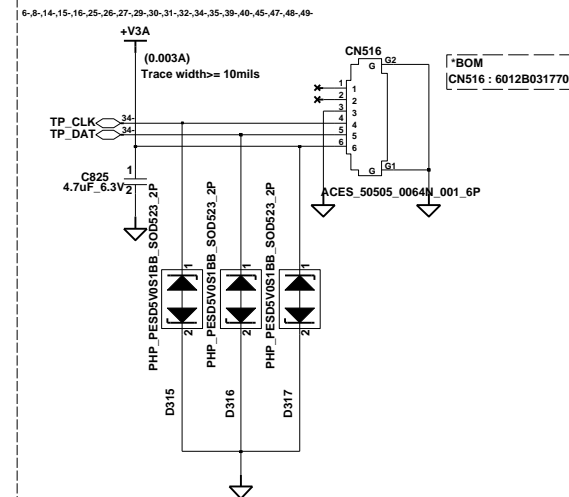
## SATA LED & HDD-HALTED LED



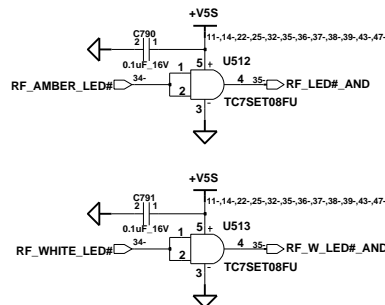
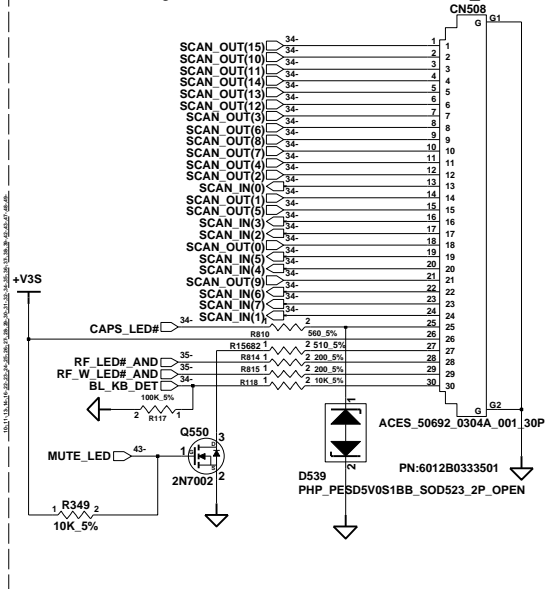
## TP LED CONN on MB



## TouchPad Module CN on MB



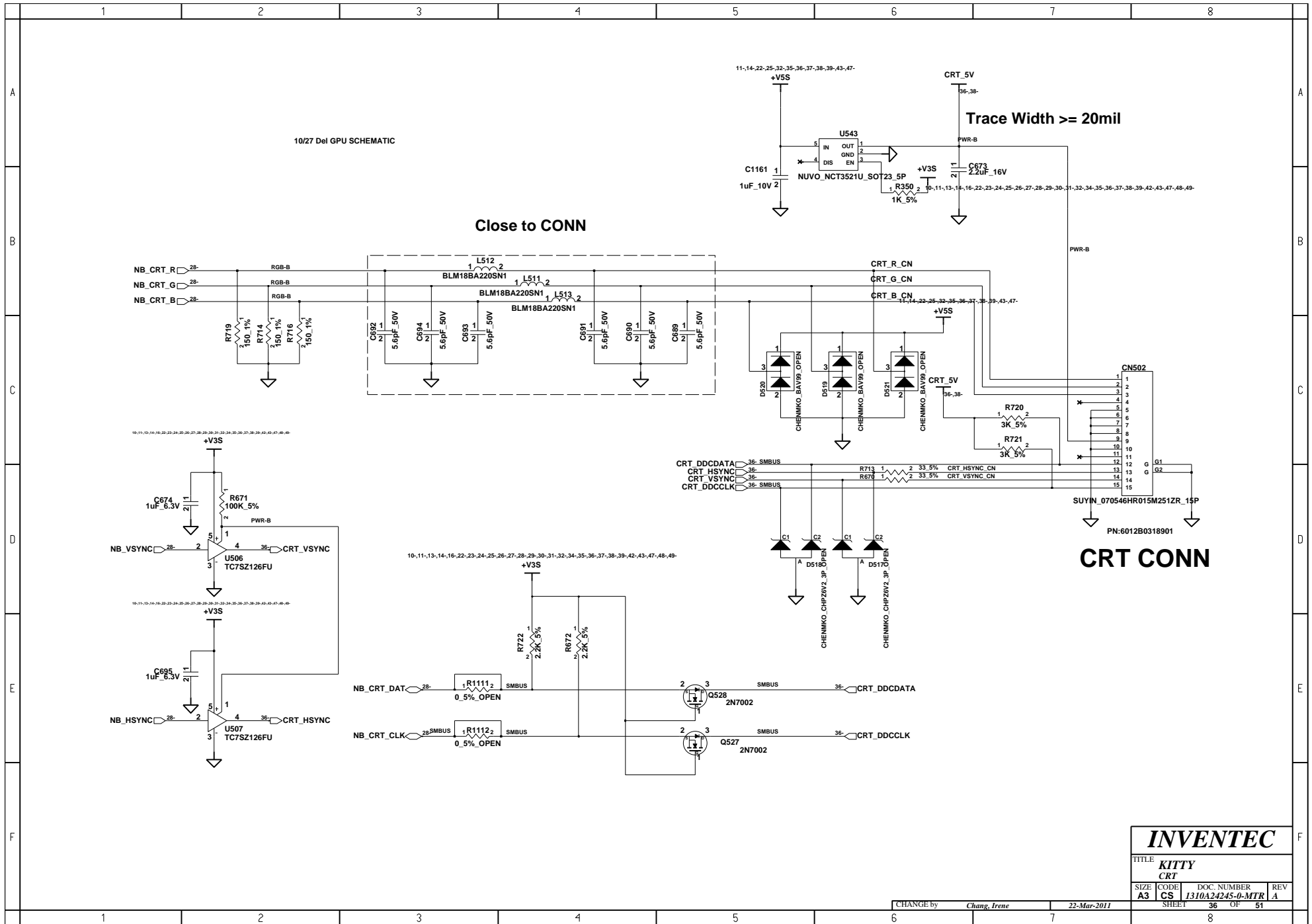
## KeyBoard CONN (30 pin)



**INVENTEC**

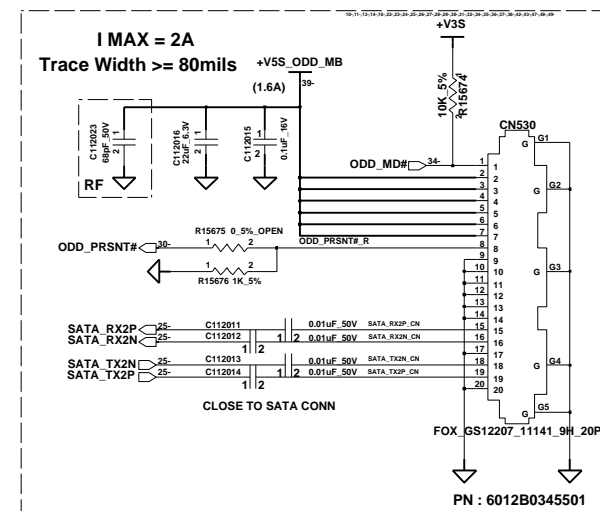
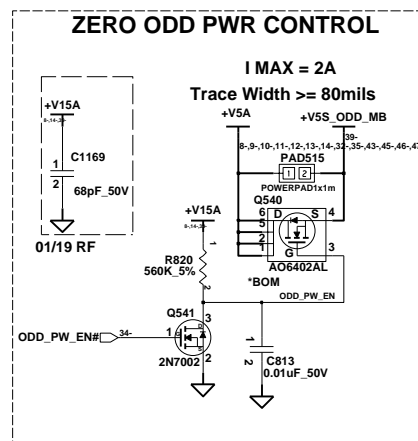
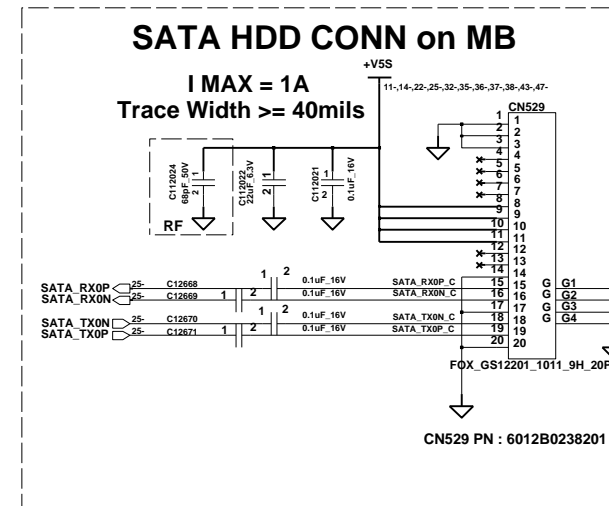
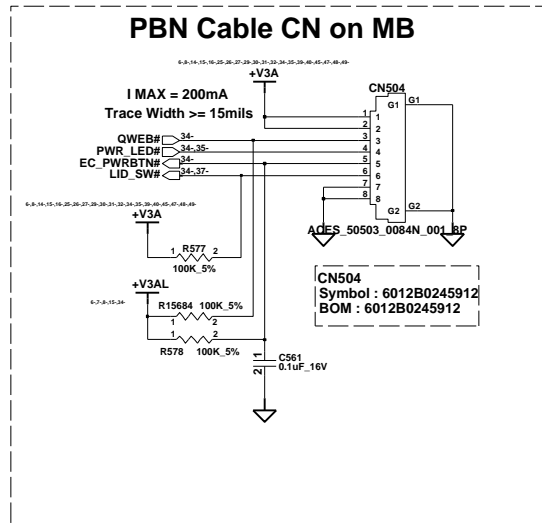
TITLE <b>KITTY</b>			
Keyboard & TouchPad			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>35</b>		OF <b>51</b>	

CHANGE by *Chang, Irene* 22-Mar-2011







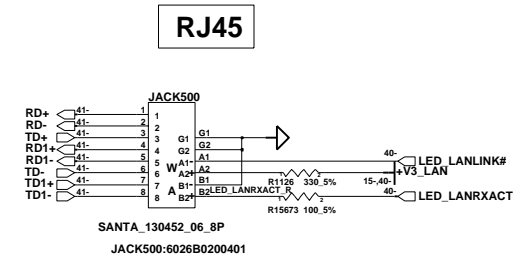
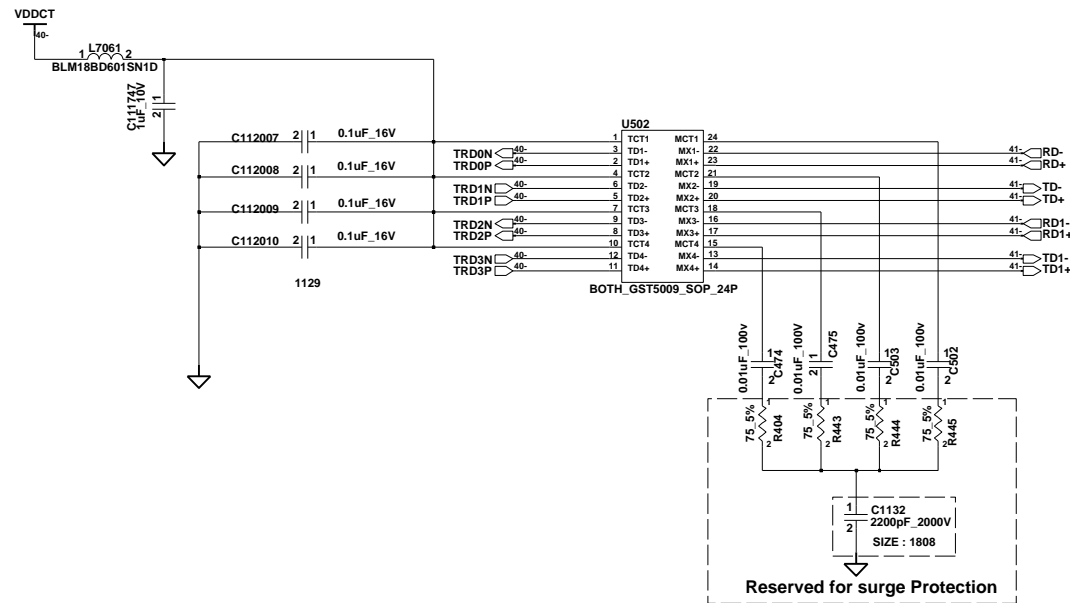


**INVENTEC**

TITLE KITTY SATA HDD & ODD			
SIZE A3	CODE CS	DOC. NUMBER I310A24245-0-MTR	REV A
CHANGE by Chang, Irene		22-Mar-2011	
SHEET		39 OF 51	







LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

INVENTEC			
TITLE			
KITTY			
RJ-45			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A24245-0-MTR	A
SHEET		41	OF 51

CHANGE by Chang, Irene 22-Mar-2011

**Layout Note :**

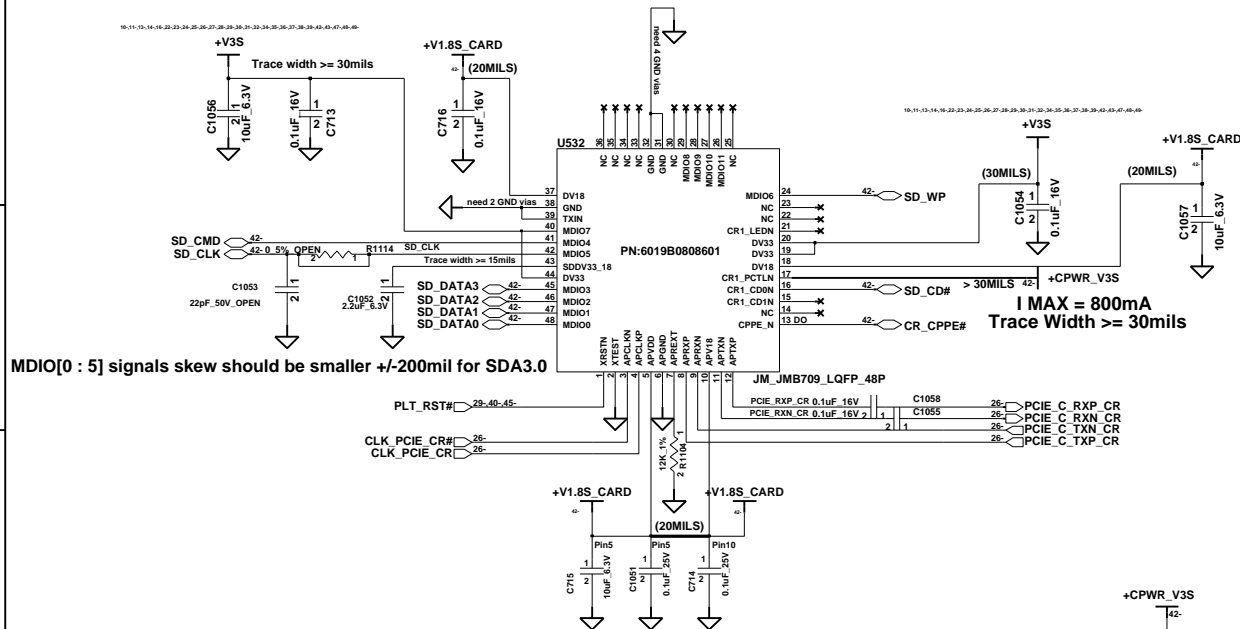
C1051 CLOSE TO PIN5 (Trace width/length : 11mils/<100mils)

C715 Close to C1051 (Trace width/length : 20mils/<40mils)

C714 close to pin10 (Trace width/length : 11mils/<100mils)

APREXT trace width/length : 12mils/<250mils

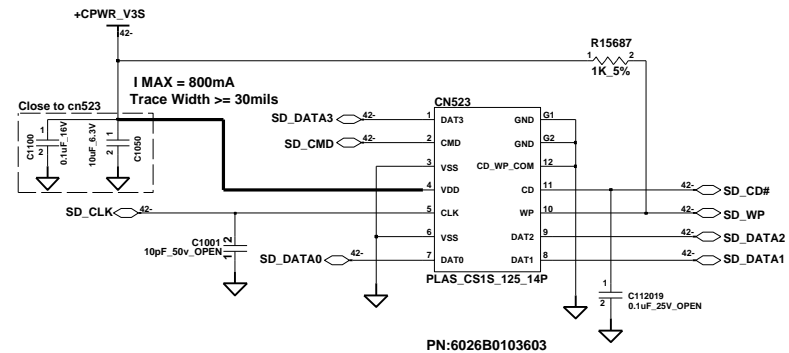
C1057 close to pin18 (Trace width/length : 12mils/<100mils for internal REG)



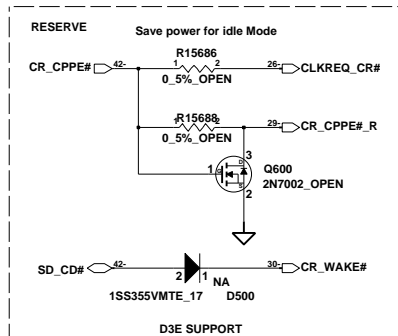
MDIO[0 : 5] signals skew should be smaller +/-200mil for SDA3.0

I MAX = 800mA  
Trace Width >= 30mils

## Card Reader CONN



PN:6026B0103603



Note :

1. Add Q600 & R15688 NA, if JMB709 power domain is different with SB.
2. NA Q600 & mount R15688, if JMB709 power domain is same with SB.

**INVENTEC**

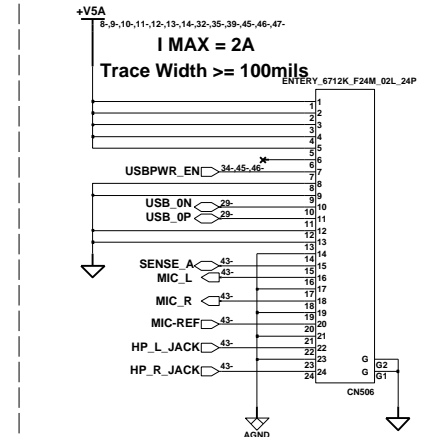
TITLE  
**KITTY**  
Card Reader

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24245-0-MTR	A

CHANGE by *Chang, Irene* 22-Mar-2011

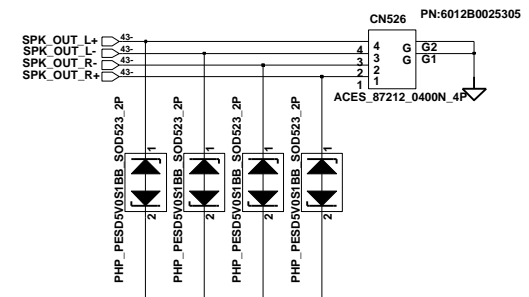
SHEET 42 OF 51

### USB + AUDIO BOARD Cable on MB



PORT	Discription	Sense
A	NO USE	
B	Headphone	HPS
C	Microphone	MICS
D	SPKR	
E	NO USE	
F	NO USE	

## INT-SPEAKER CONN



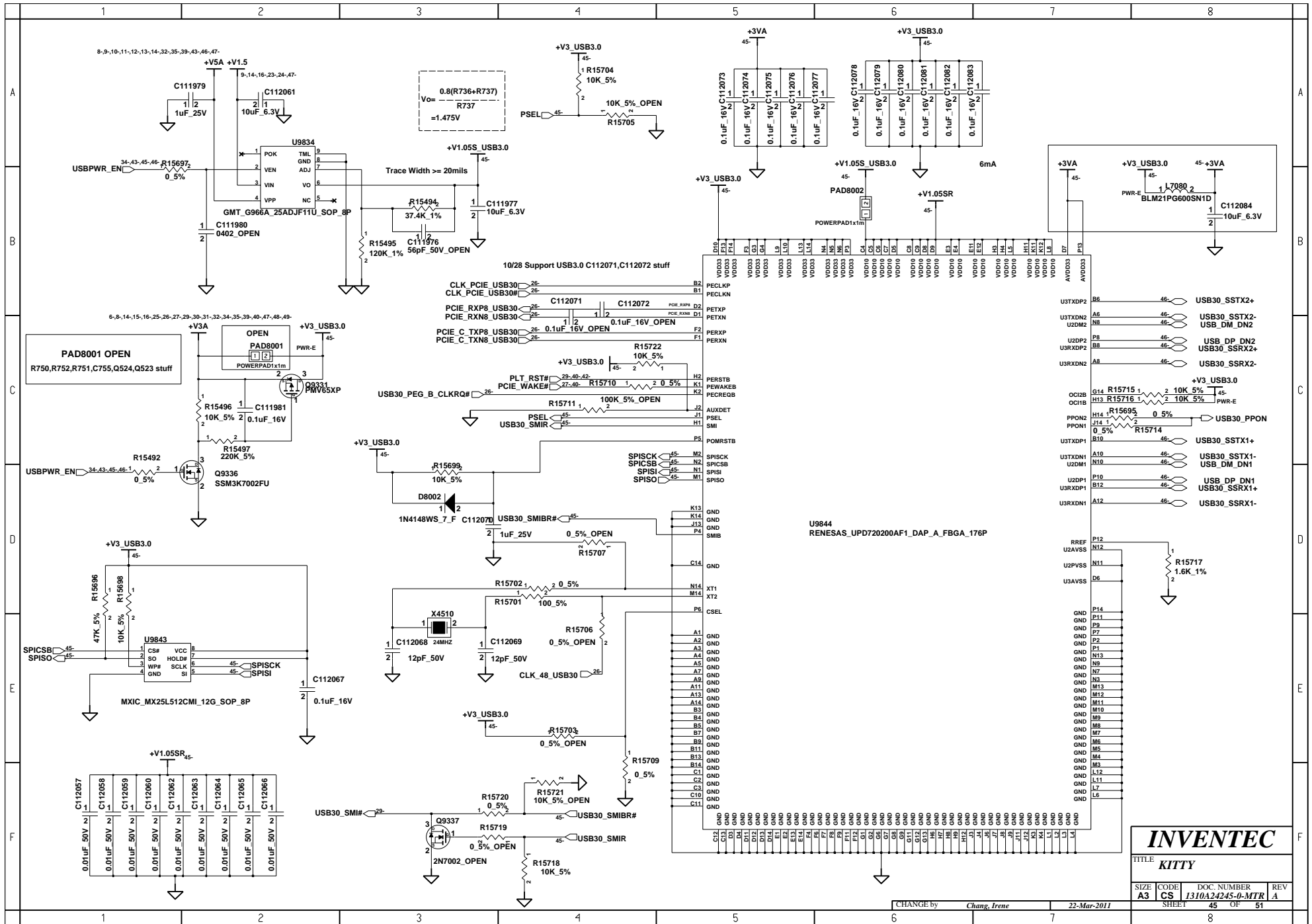
***INVENTEC***

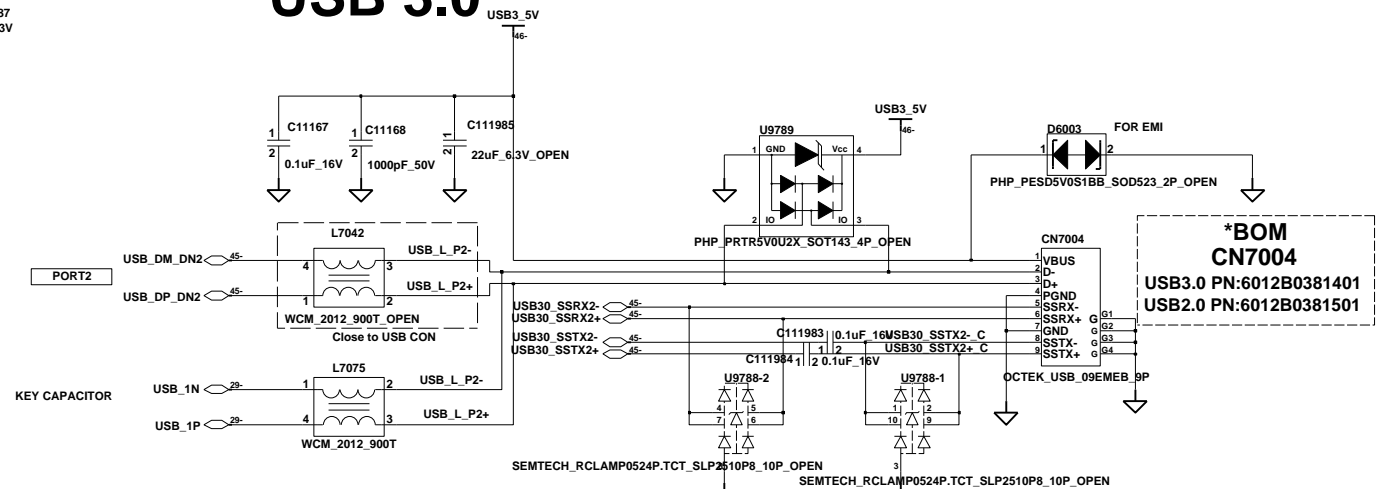
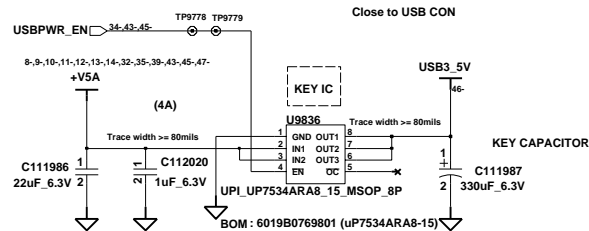
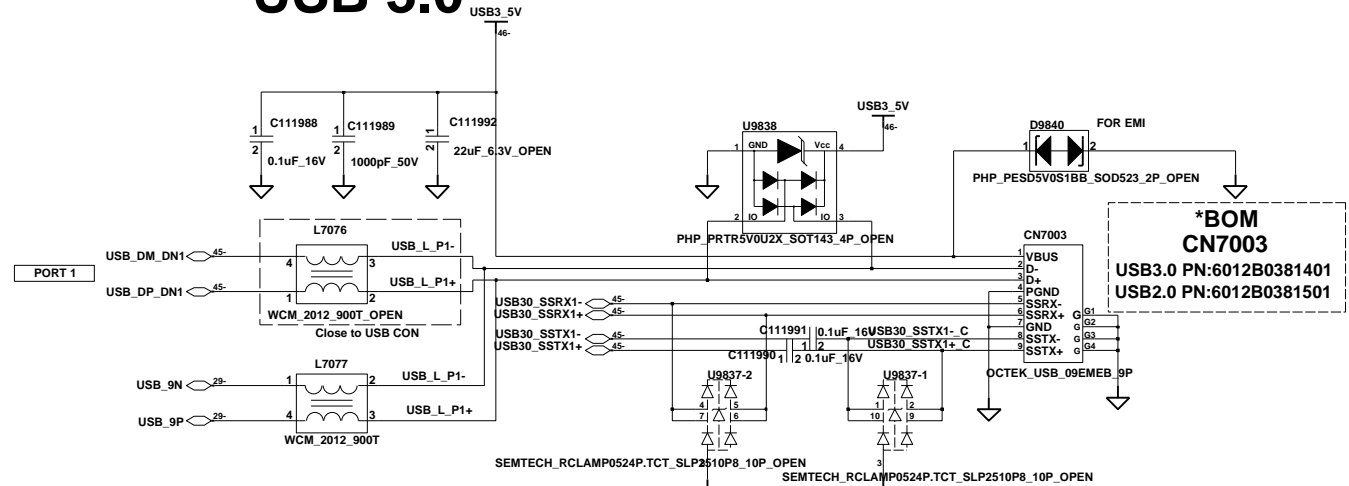
TITLE			
<b>KITTY</b> <i>Audio Codec</i>			
SIZE	CODE	DOC. NUMBER	RE
<b>A3</b>	<b>CS</b>	<b>1310A24245-0-MTR</b>	<b>A</b>
SHEET		43	OF 51

	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	

<b>INVENTEC</b>			
TITLE <b>KITTY</b> <b>HP JACK &amp; MIC JACK</b>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A24245-0-MTR</b>	REV <b>A</b>
SHEET <b>44</b> OF <b>51</b>			

CHANGE by	<i>Chang, Irene</i>	22-Mar-2011
-----------	---------------------	-------------





SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>1310A24245-0-MTR</i>	REV <b>A</b>
SHEET 46 OF 51			

CHANGE by	<i>Chang, Irene</i>	<i>22-Mar-2011</i>
-----------	---------------------	--------------------



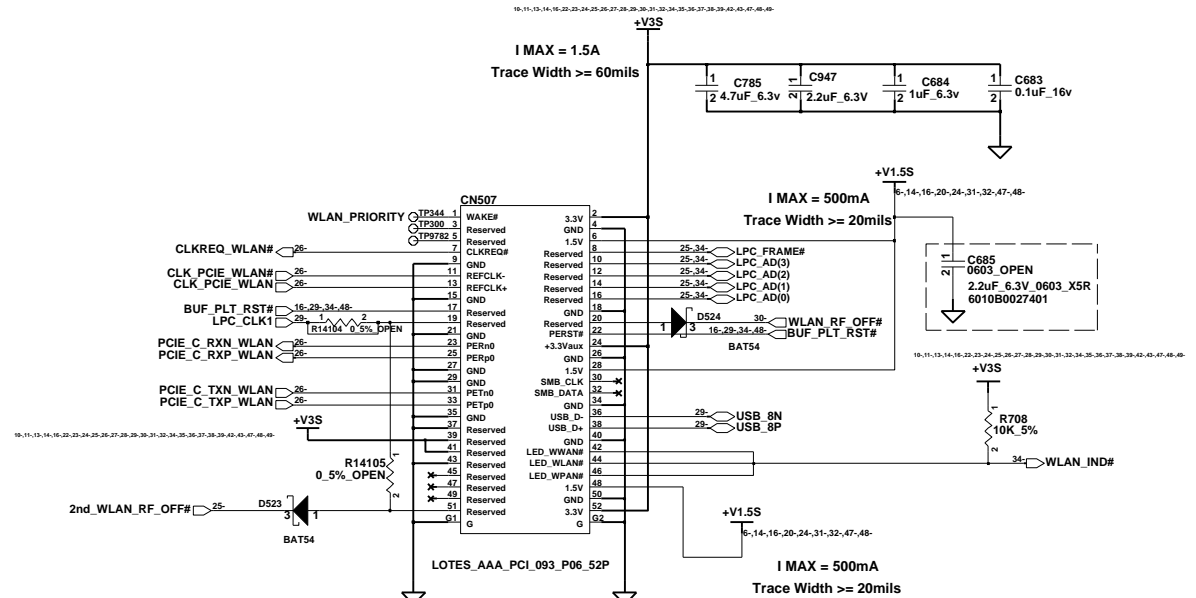
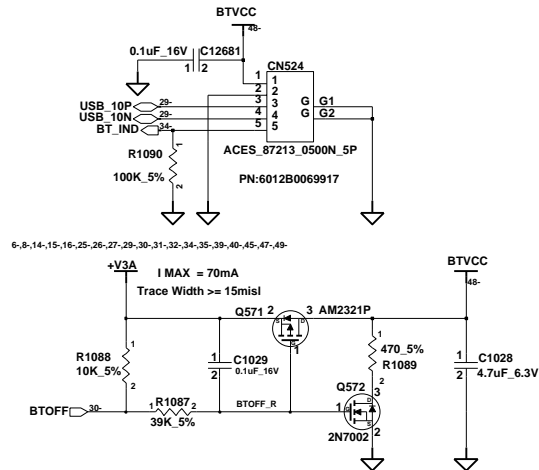
**EMI**



1

## WLAN CONN (MINICARD)

## BLUETOOTH CONN



\*BOM  
CN507 : 6026B0184301

**INVENTEC**

TITLE			
KITTY WLAN, BT & WebCAM			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24245-0-MTR	A
SHEET		48 OF	51

CHANGE by	<i>Chang, Irene</i>	<i>22-Mar-2011</i>
-----------	---------------------	--------------------

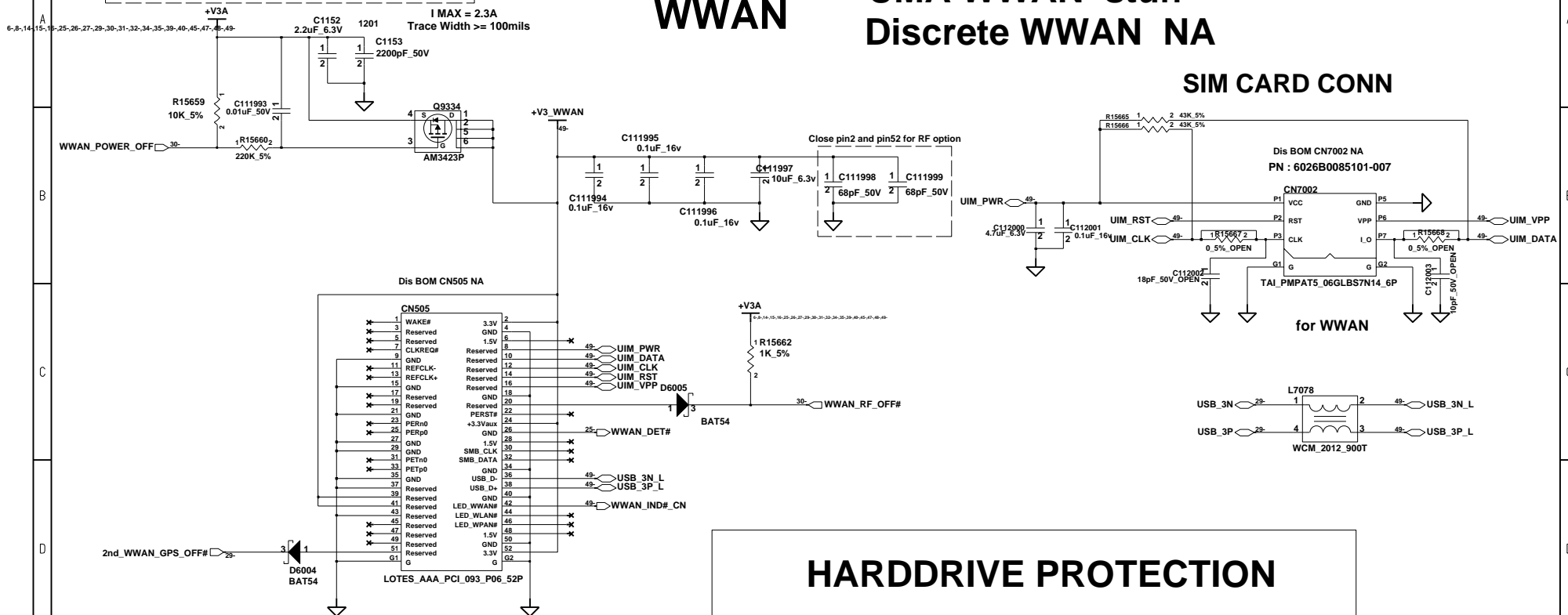


# OPTION PART

## WWAN

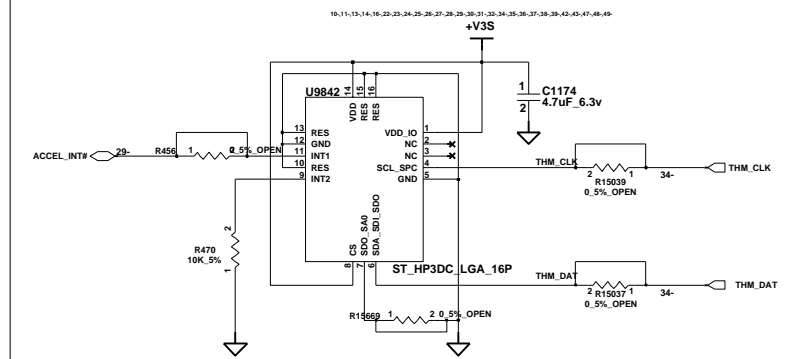
## UMA WWAN stuff Discrete WWAN NA

## SIM CARD CONN



\*BOM  
CN505 : 6026B0184301

## HARDDRIVE PROTECTION



\*BOM  
U15 : 6019B0800501

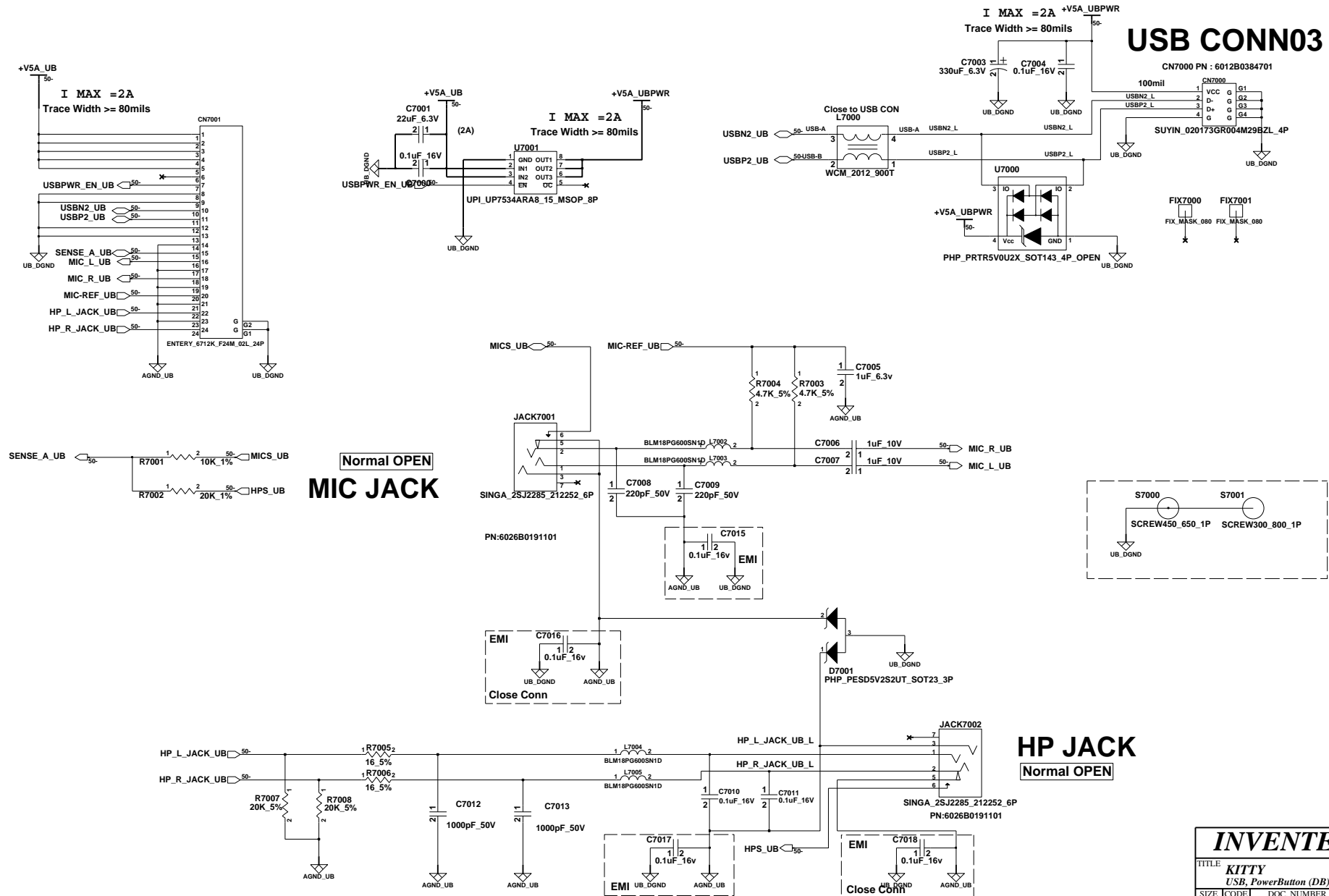
SMBus Address is "001100xb"  
If SA0 pad is connected to voltage, LSb is "1"  
If SA0 pad is connected to GND, LSb is "0"

## INVENTEC

TITLE KITTY USB CONN			
SIZE A3	CODE CS	DOC. NUMBER 1310A24245-0-MTR	REV A
SHEET 49		OF 51	

CHANGE by Chang, Irene 22-Mar-2011

# USB + AUDIO BOARD

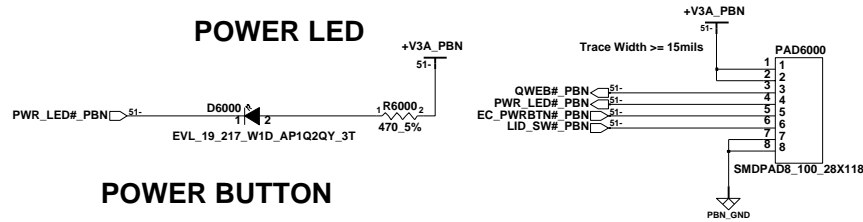


INVENTEC			
TITLE KITTY			
USB, PowerButton (DB)			
SIZE A3	CODE CS	DOC. NUMBER 1310A24245-0-MTR	REV A
SHEET 50		OF 51	

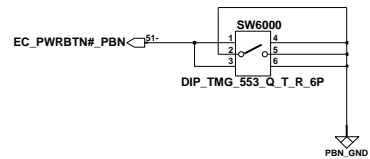
CHANGE by Chang, Irene 22-Mar-2011

# POWER BOTTON BOARD

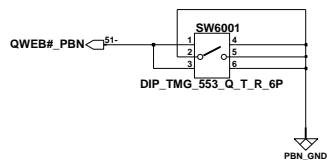
## POWER LED



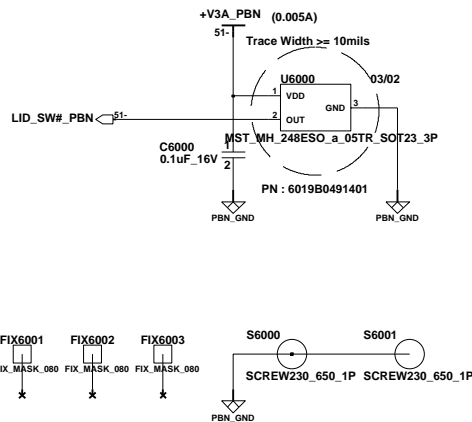
## POWER BUTTON



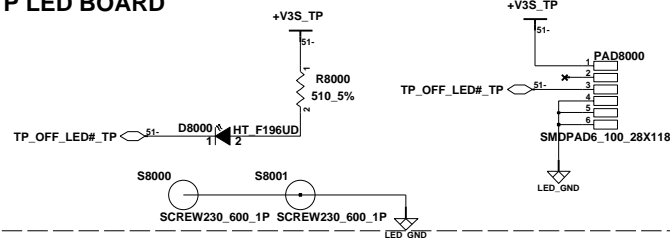
## QWEB BUTTON



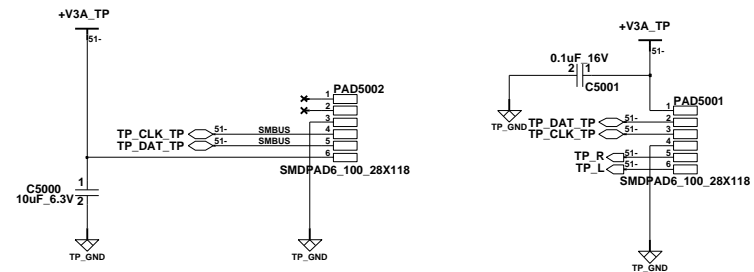
## LID SWITCH



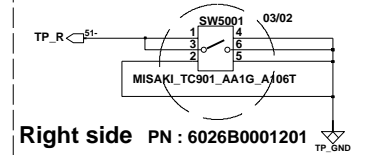
## TP LED BOARD



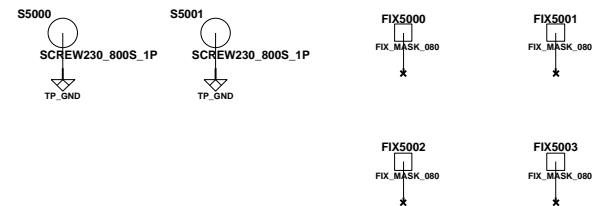
# PICK BUTTON BOARD



## Left side



## Right side



**INVENTEC**

TITLE  
**KITTY**

SIZE CODE DOC NUMBER REV  
**A3 CS 1310A24245-0-MTR A**

CHANGE by *Chang, Irene* 22-Mar-2011

SHEET 51 OF 51