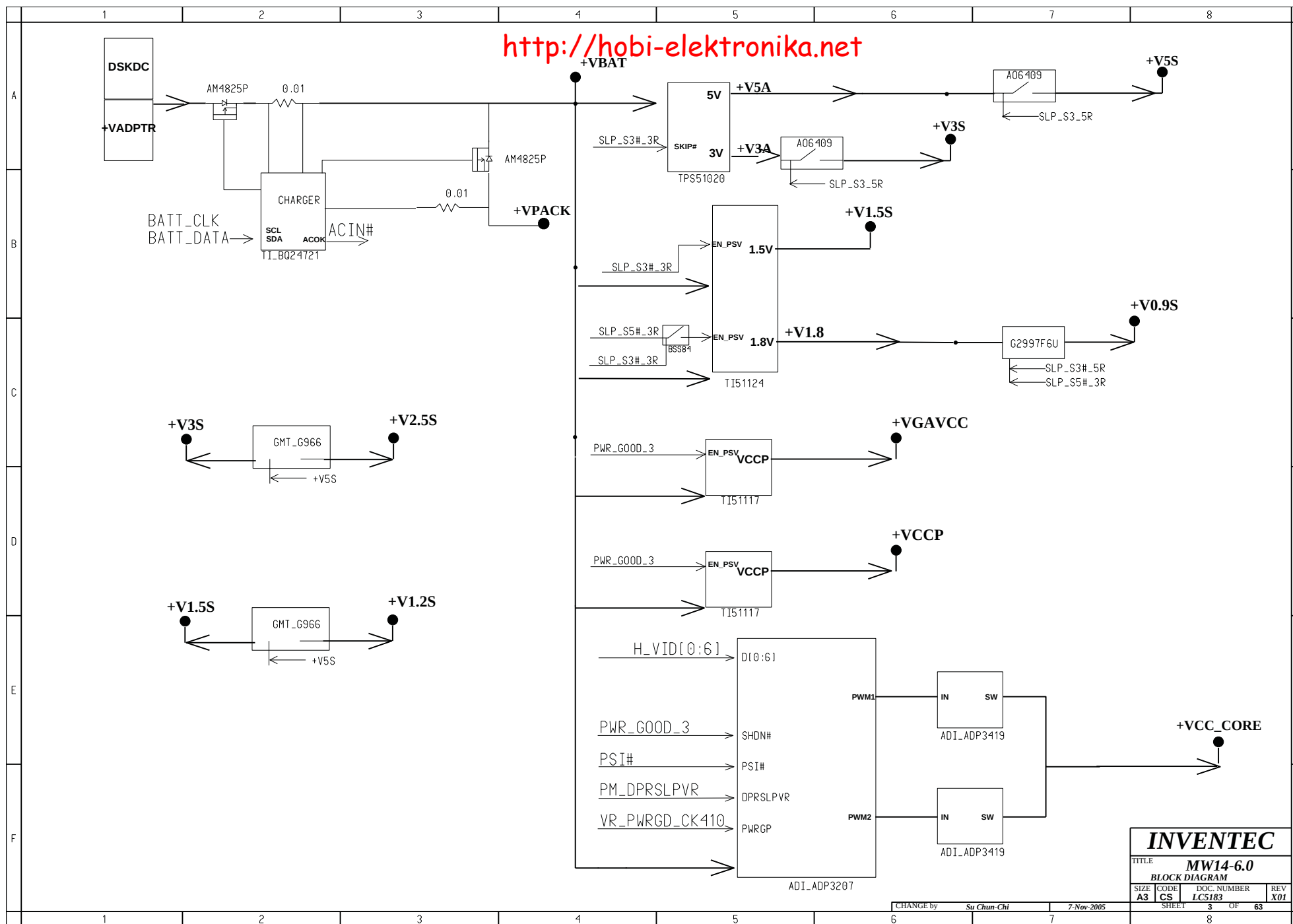






<http://hobi-elektronika.net>

ADDR GROUP 0

ADDR GROUP 1

CONTROL

XDP/ITP SIGNALS

THERM

H CLK

RESERVED

MLX_YONAH_SOCKET_M478A_478P

PM_THRMTRIP# should be without T at CPU

INVENTEC

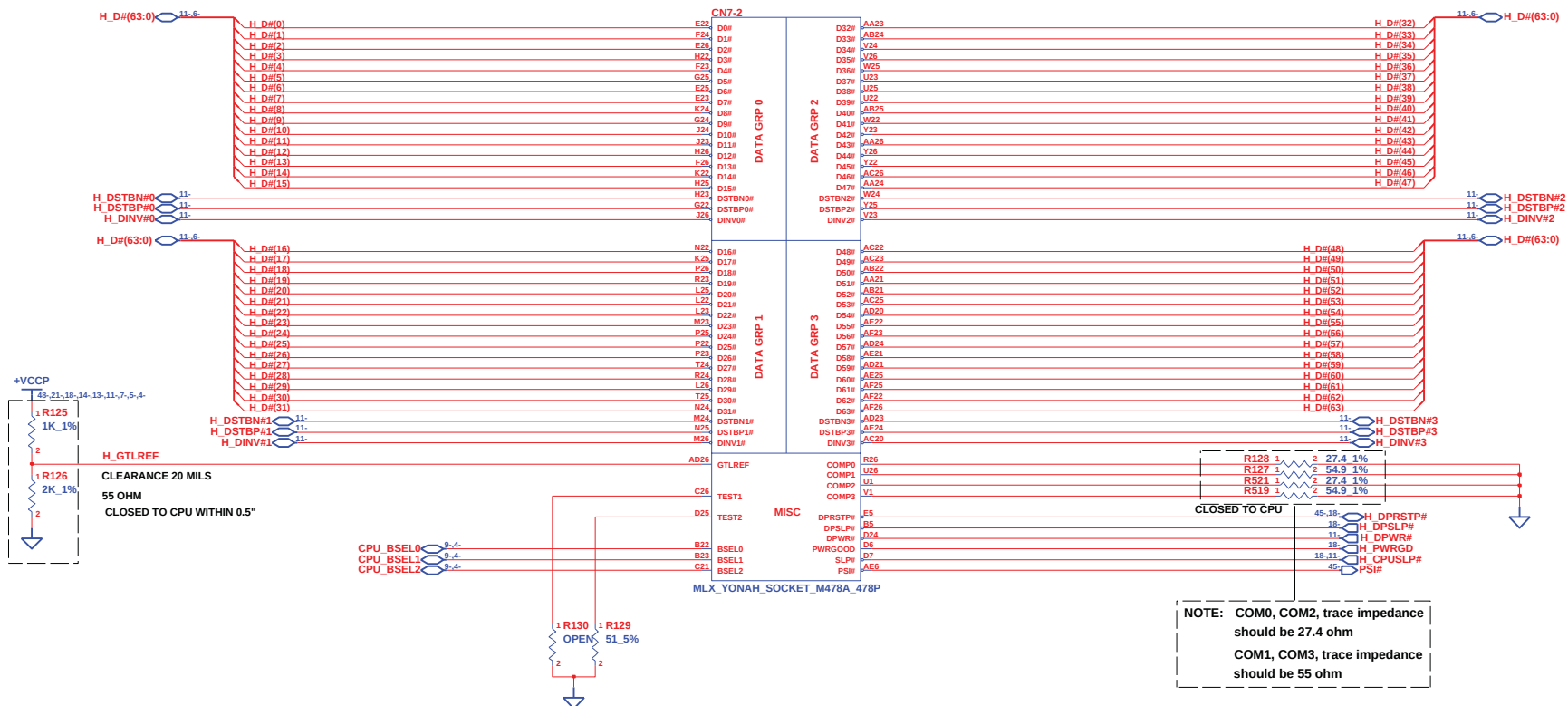
TITLE
MW14-6.0
YONAH-1

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 5 OF 63

<http://hobi-elektronika.net>



INVENTEC

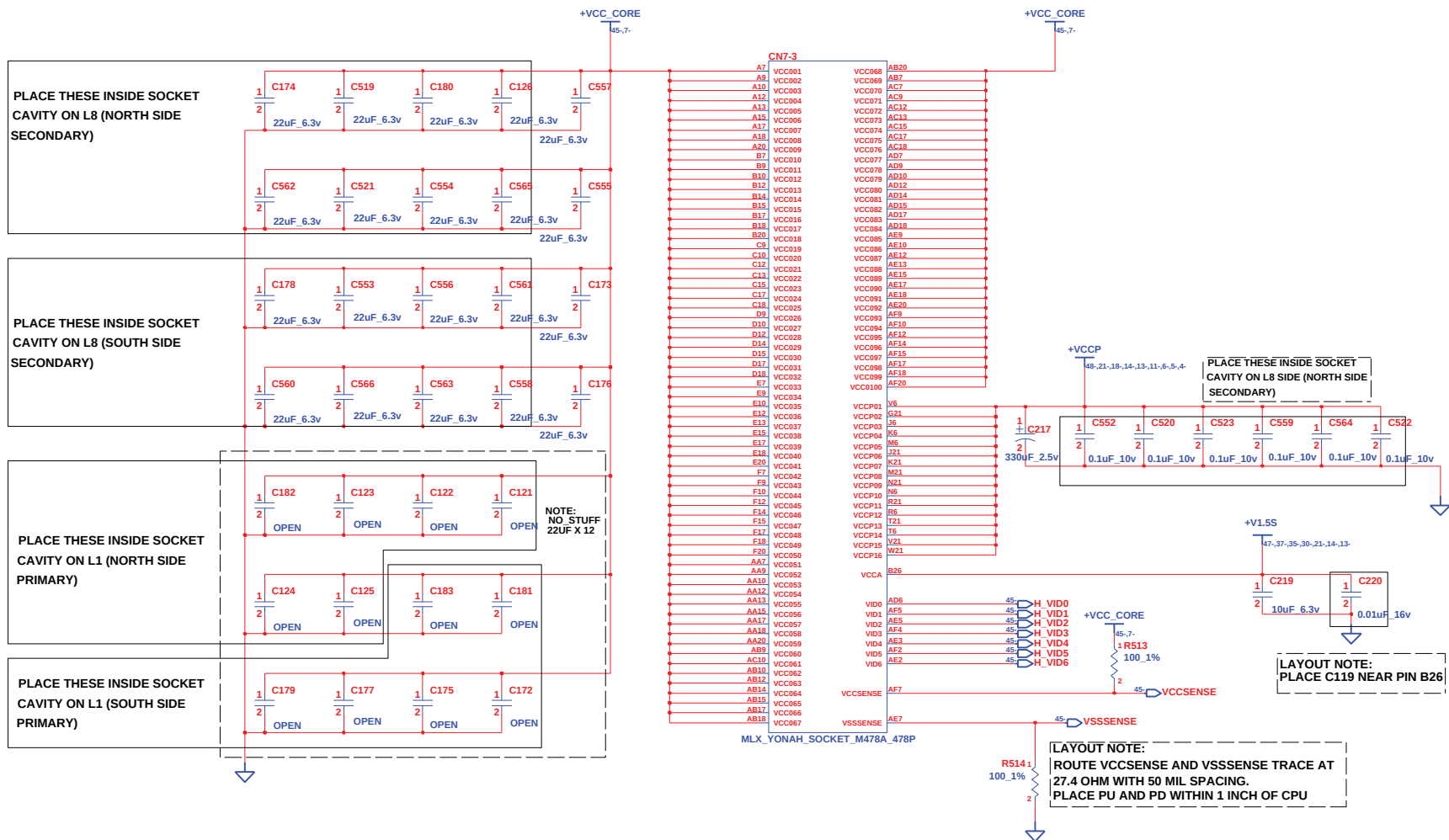
TITLE
MW14-6.0
YONAH-2

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 6 OF 63

<http://hobi-elektronika.net>



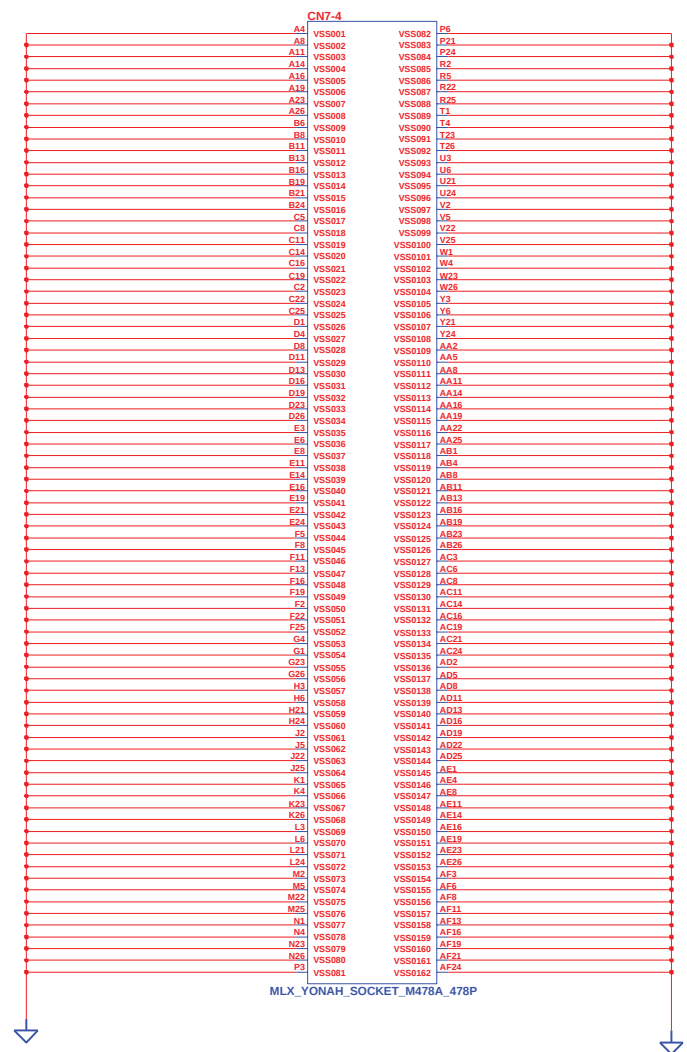
INVENTEC

TITLE			
MW14-6.0			
YONAH-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 7 OF 63

<http://hobi-elektronika.net>

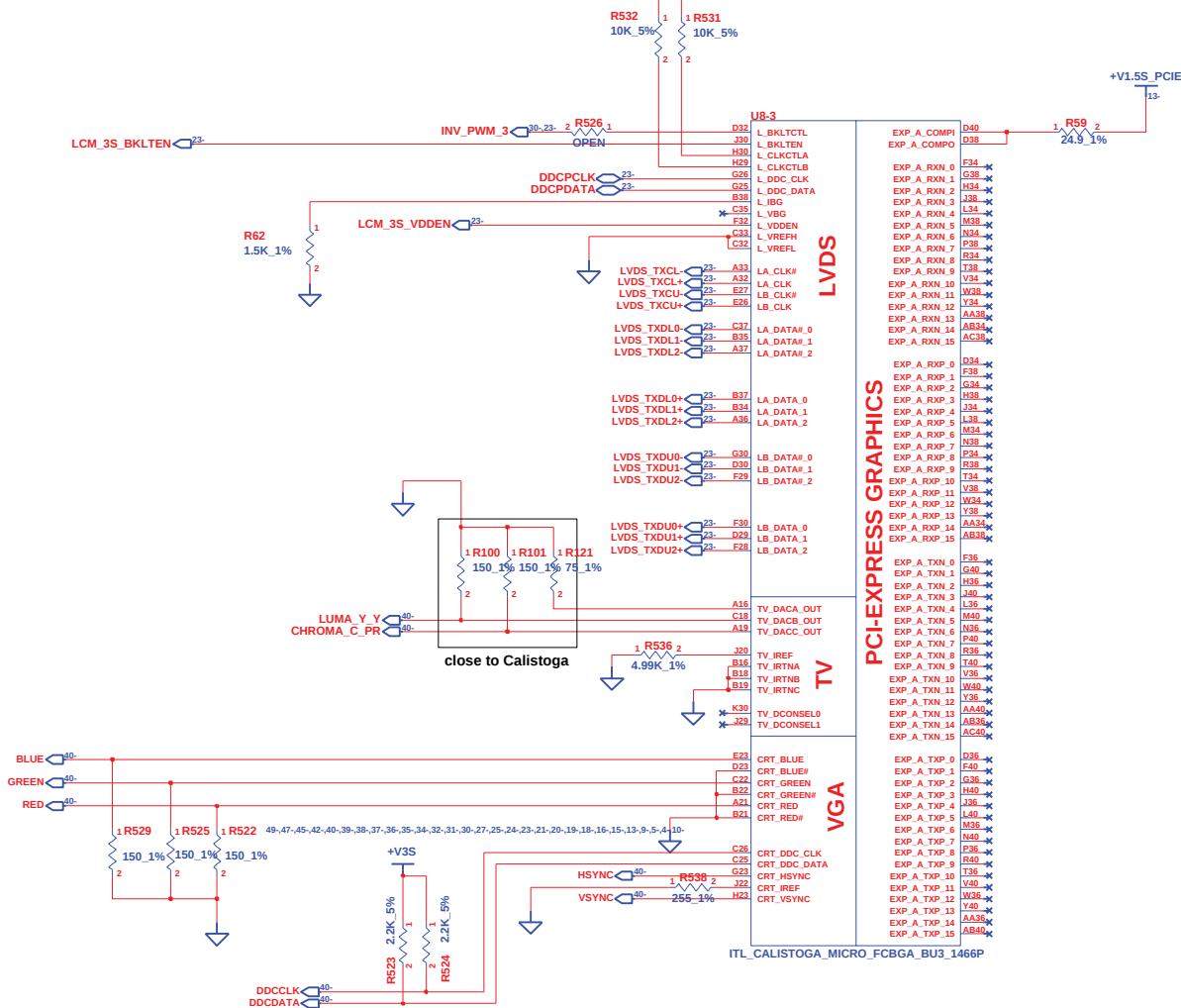


INVENTEC

TITLE			
MW14-6.0			
YONAH-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 8 OF 63

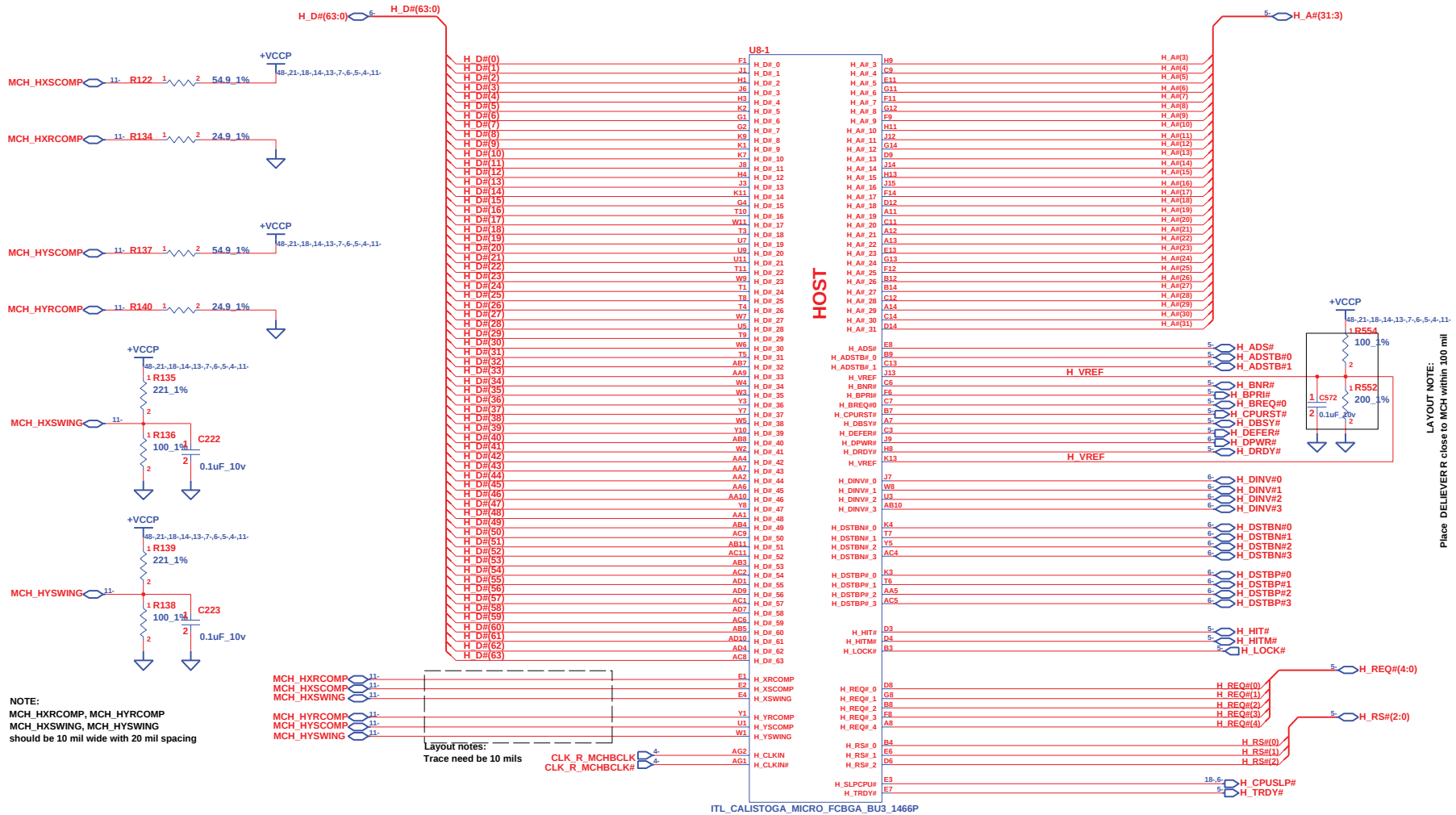


PCI-EXPRESS GRAPHICS

VGA

SIZE	CODE	DOC. NUMBER	REVISION
A3	CS	LC5183	A

<http://hobi-elektronika.net>



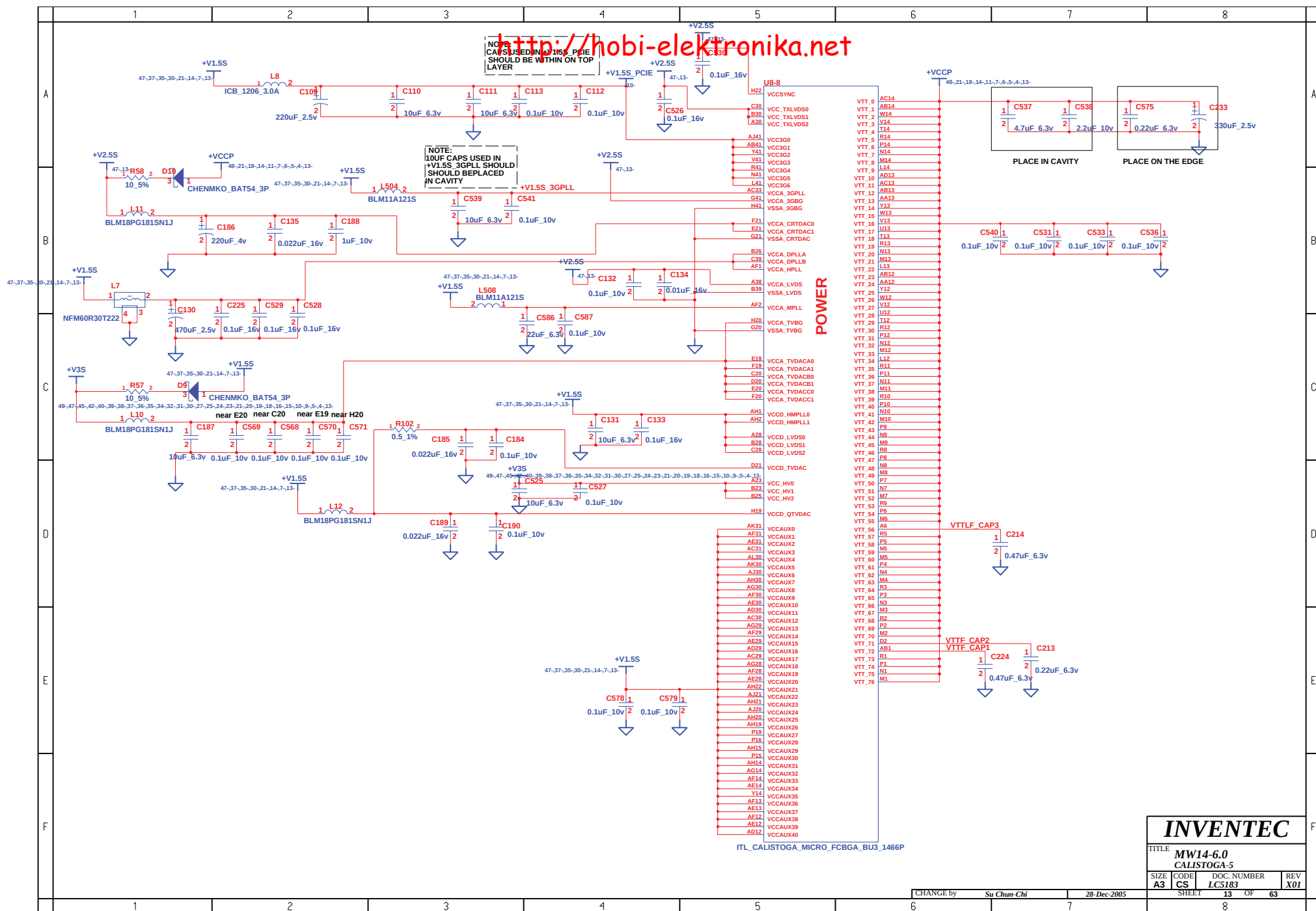
INVENTEC

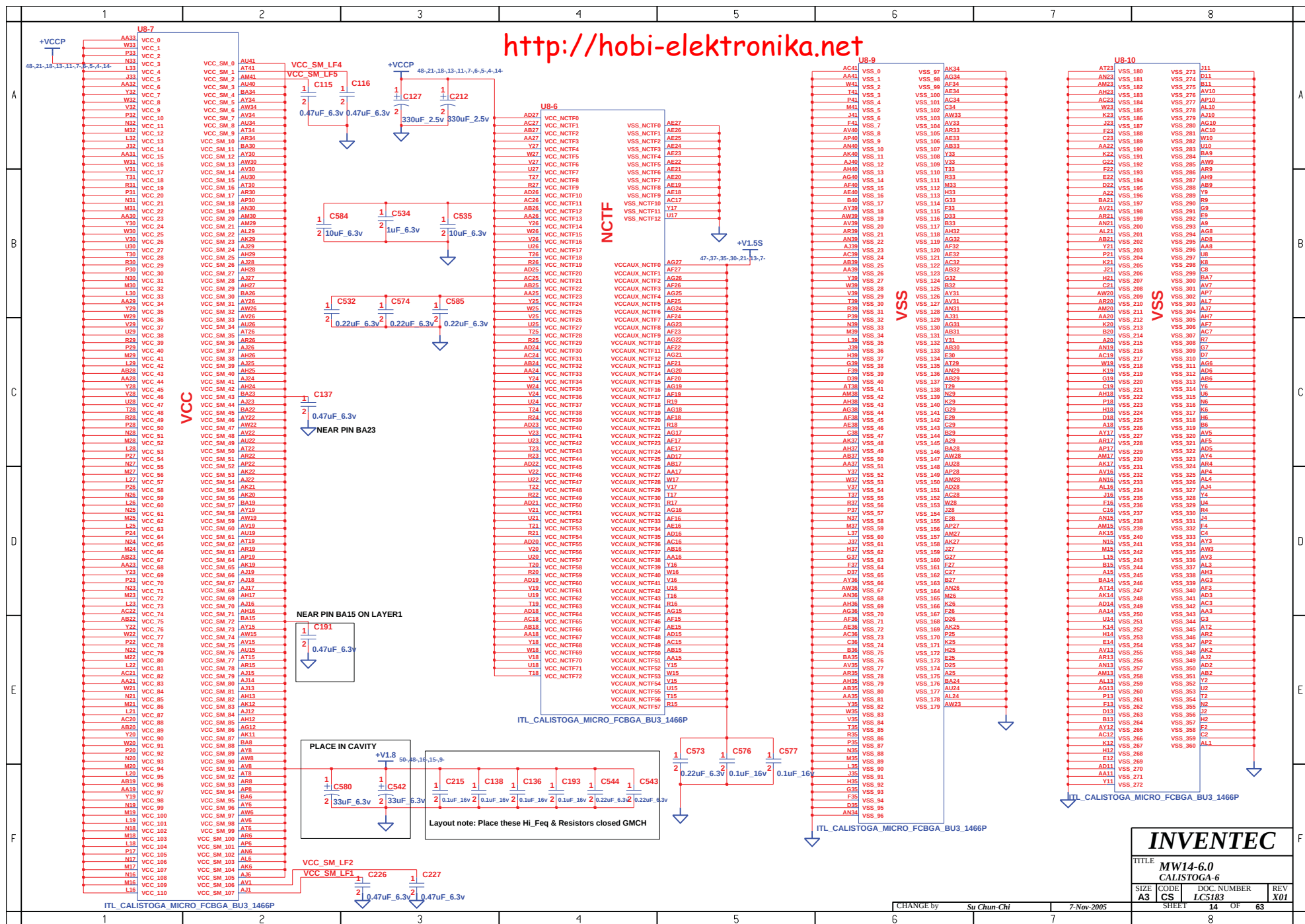
TITLE			
MW14-6.0			
CALISTOGA-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi

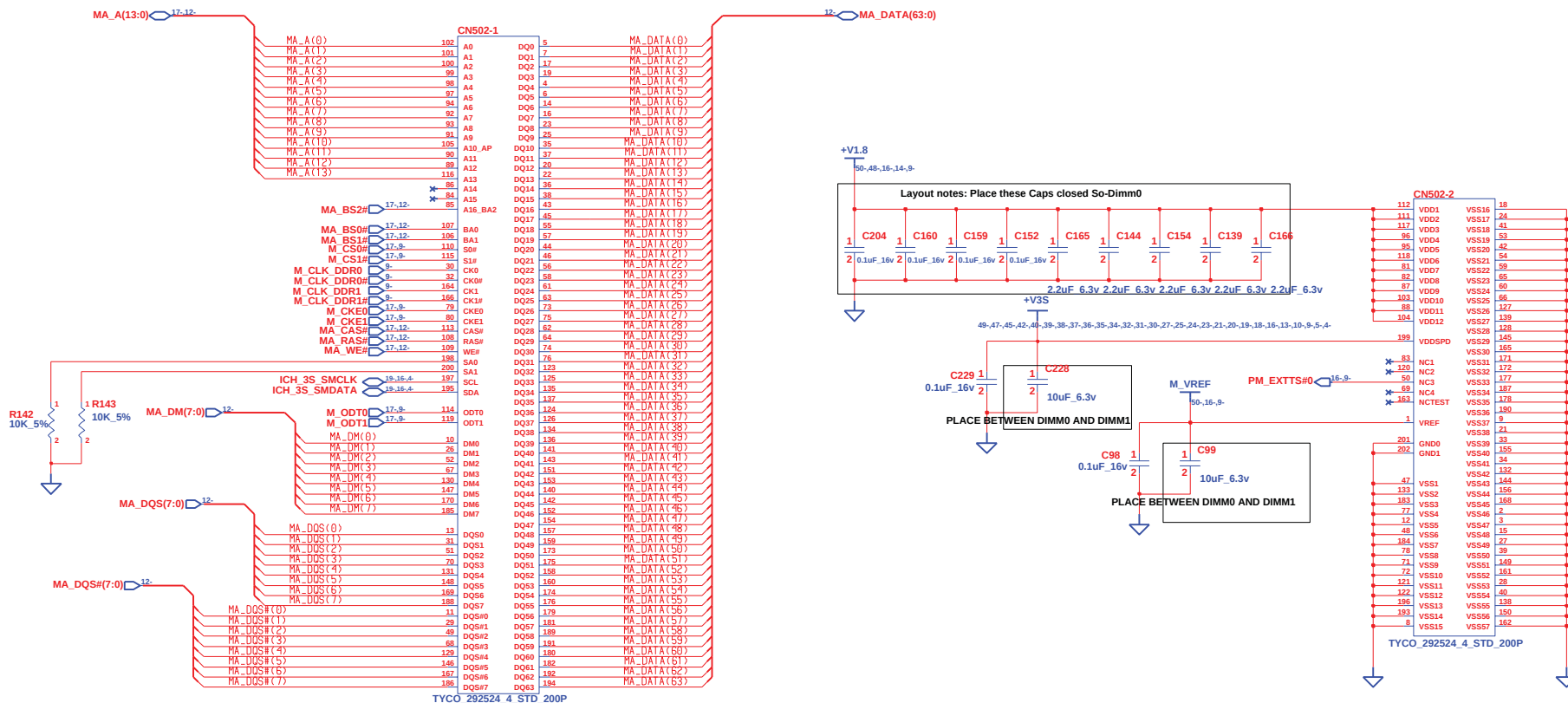
7-Nov-2005

SHEET 11 OF 63





<http://hobi-elektronika.net>



DDR2 SODIMM0

INVENTEC

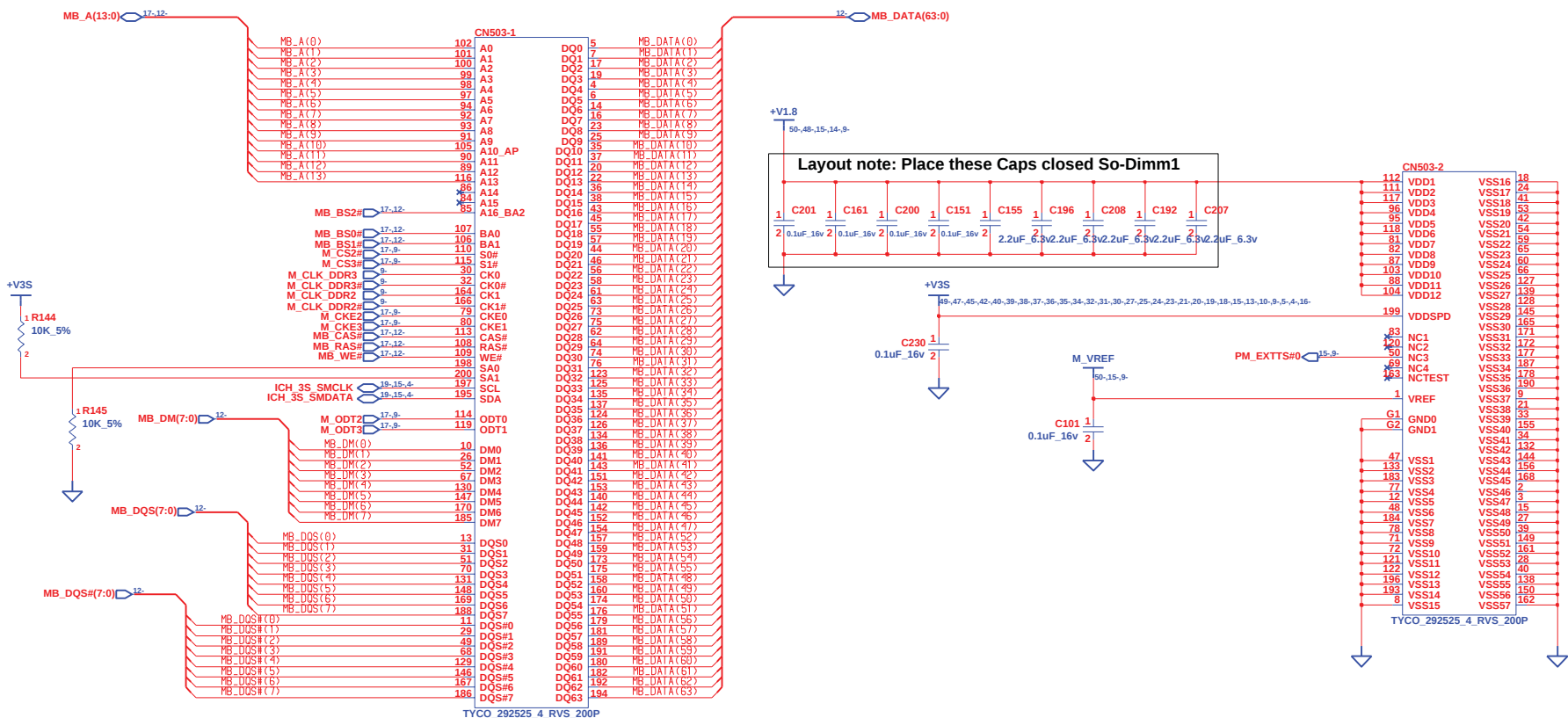
TITLE
MW14-6.0
DDR2-SODIMM-0

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by Su Chun-Chi 22-Nov-2005

SHEET 15 OF 63

<http://hobi-elektronika.net>



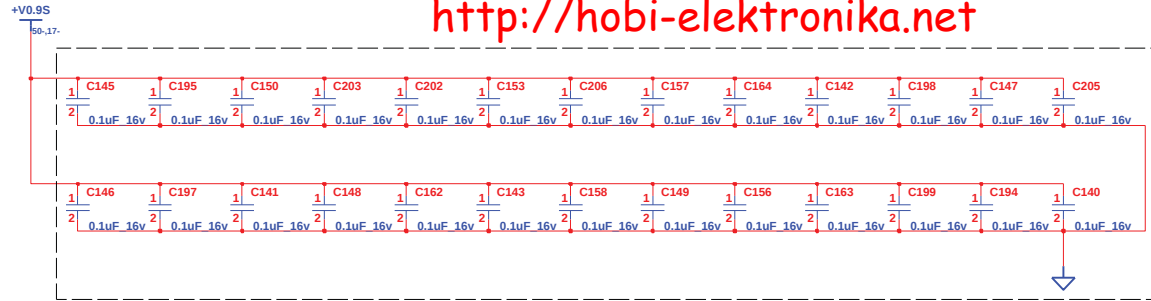
DDR2 SODIMM1

INVENTEC

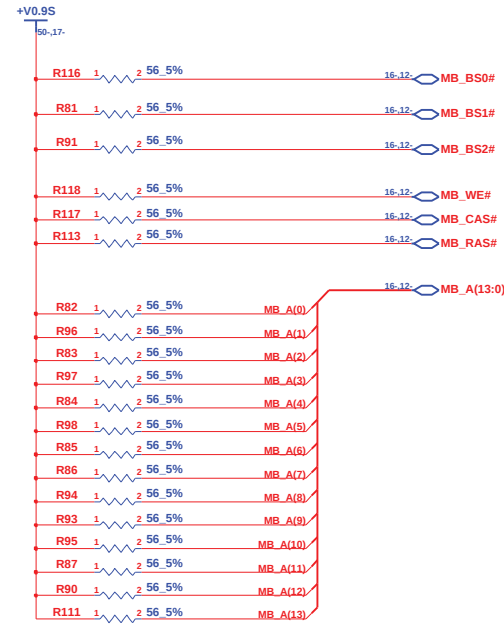
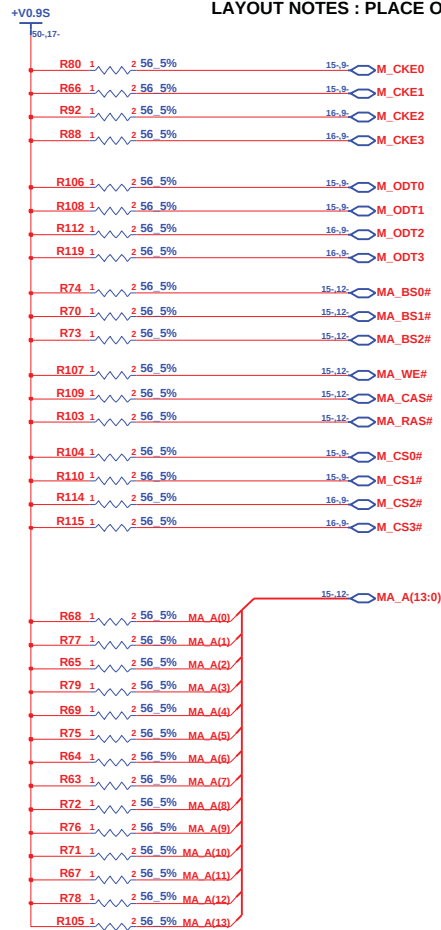
TITLE			
MW14-6.0			
DDR2-SODIMM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	8-Nov-2005	SHEET	16	OF	63
				8		

<http://hobi-elektronika.net>



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

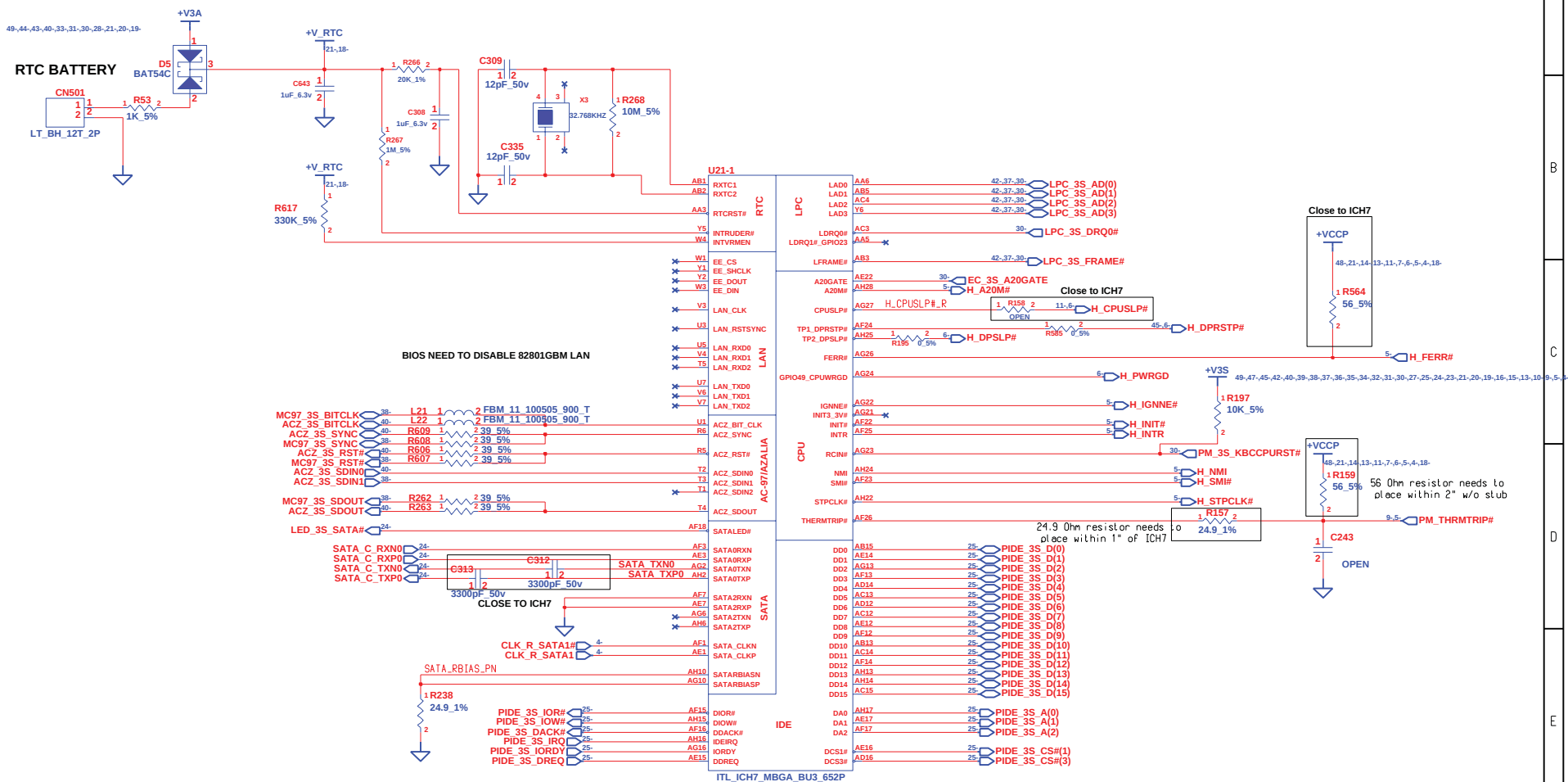


INVENTEC

TITLE			
MW14-6.0			
DDR-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
SHEET		17	OF 63

CHANGE by Su Chun-Chi 7-Nov-2005

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BIOS NEED TO DISABLE LAN

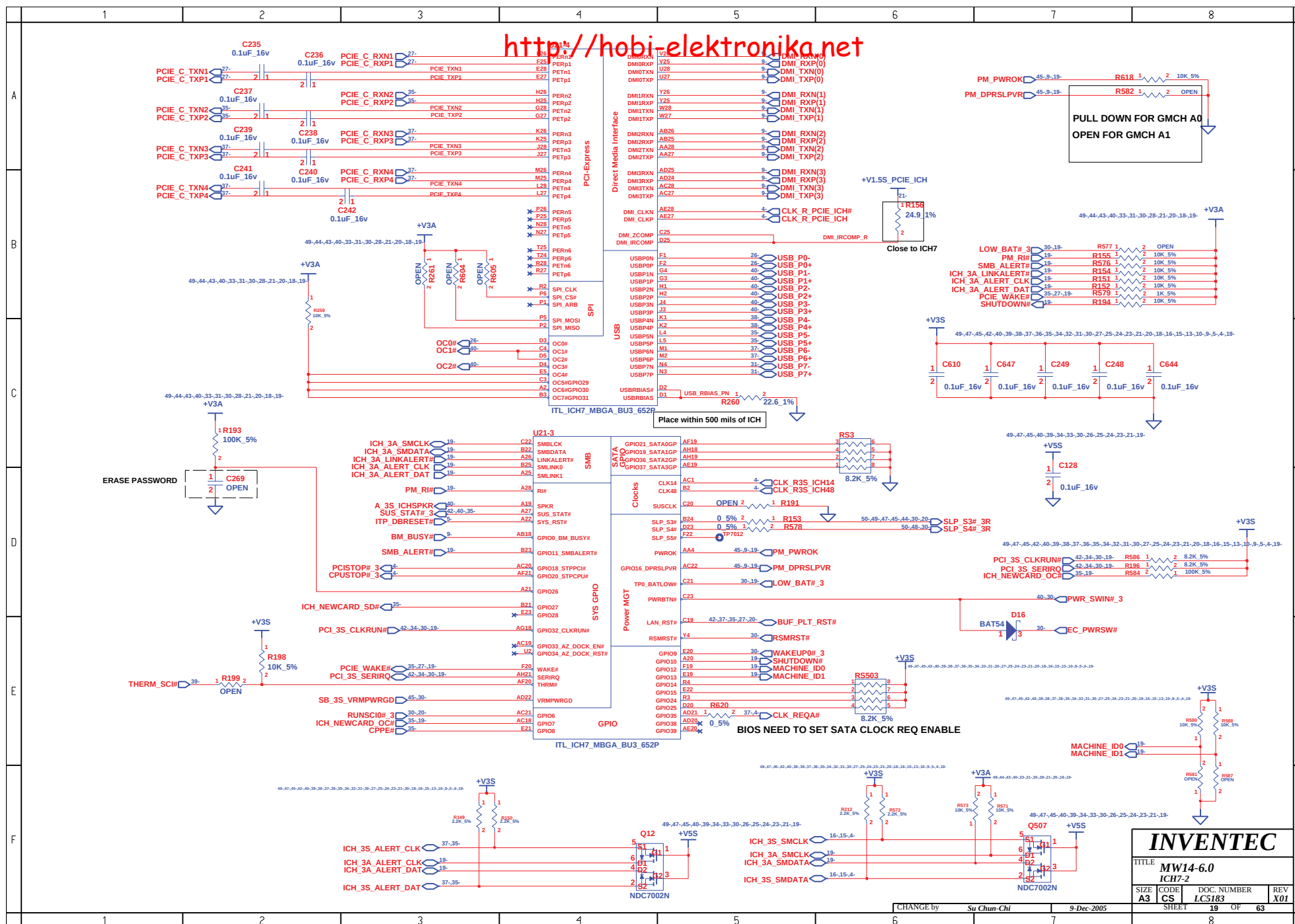
INVENTEC

TITLE
MW14-6.0
ICH7-1

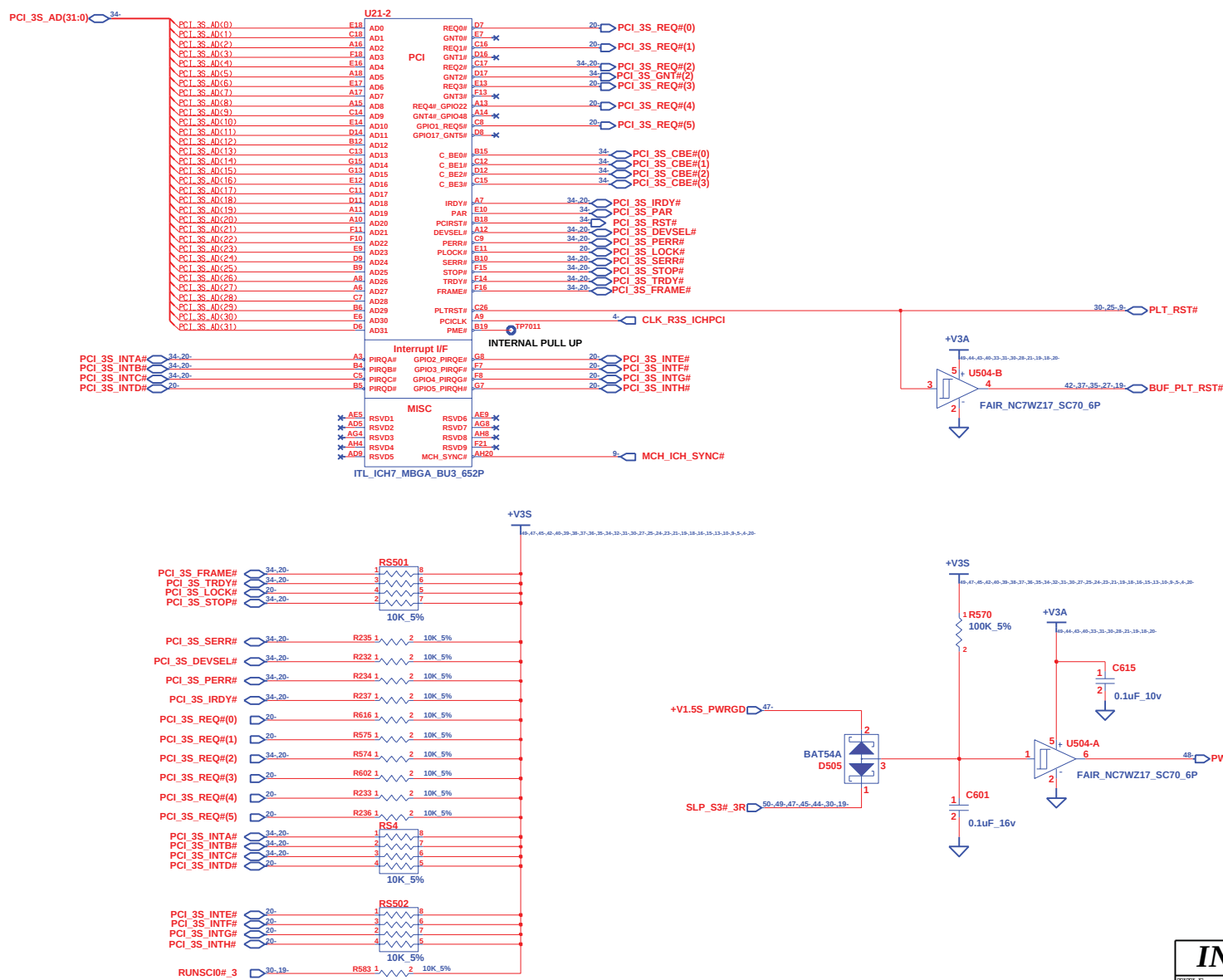
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 18 OF 63

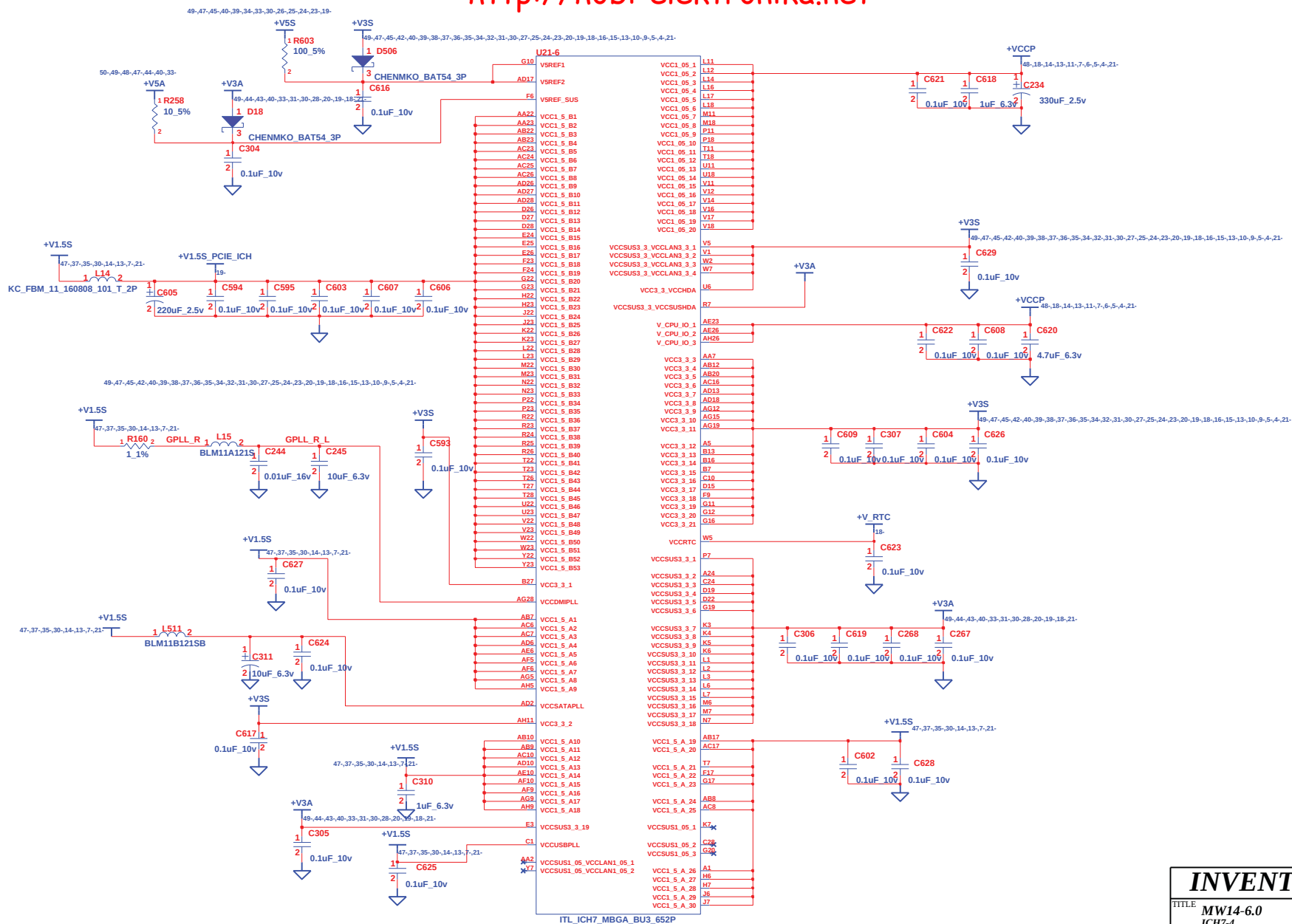


<http://hobi-elektronika.net>



INVENTEC			
TITLE			
MW14-6.0			
ICH7-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
CHANGE by		Su Chun-Chi	25-Feb-2006
SHEET		20	OF 63

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INVENTEC

TITLE			
MW14-6.0			
ICH7-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
SHEET		21	OF 63

CHANGE by Su Chun-Chi 7-Nov-2005

U21-5

ITL ICH7 MBGA BU3 652P

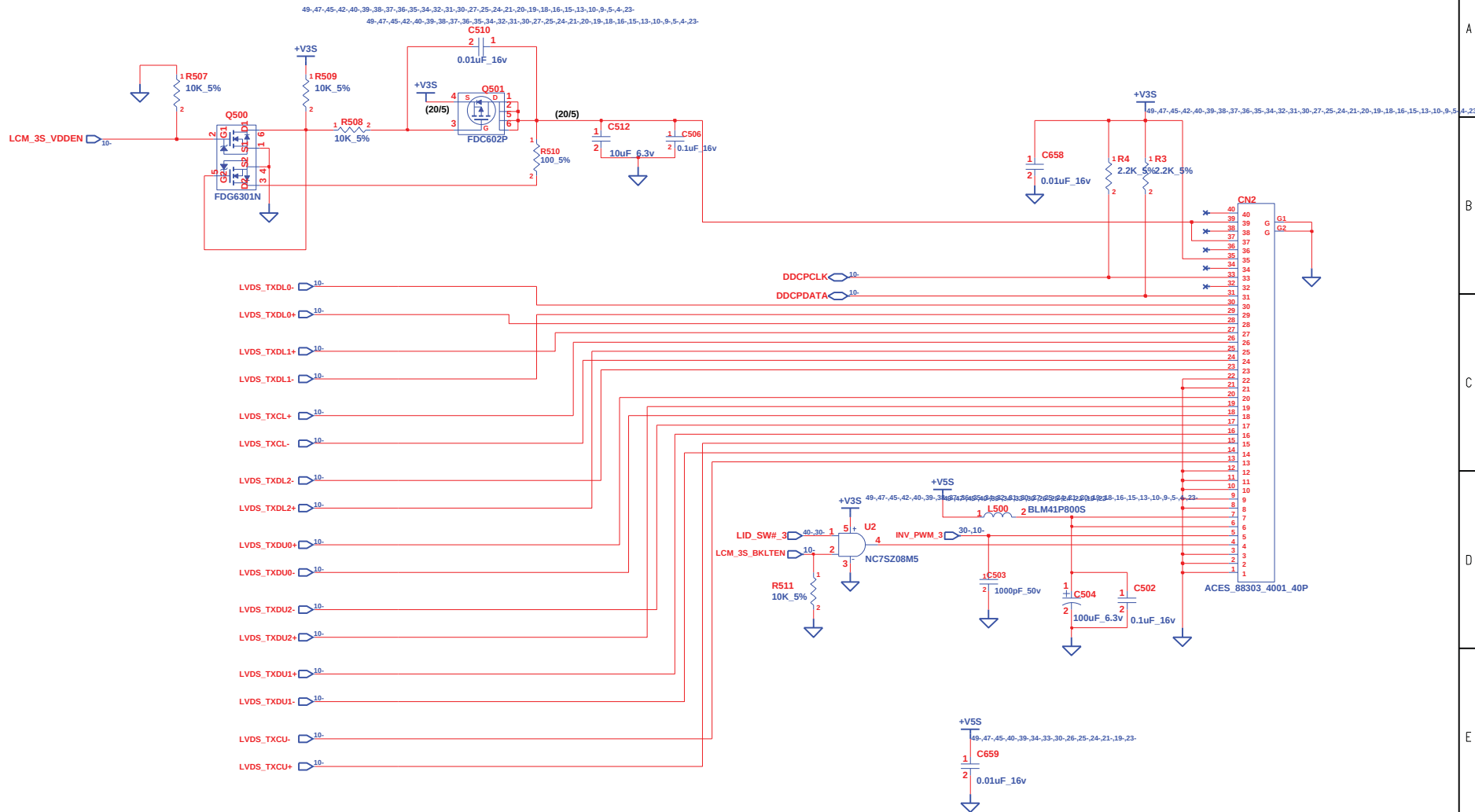
INVENTEC

TITLE *MW14-6.0*

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by	Su Chun-Chi	7-Nov-2005
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<http://hobi-elektronika.net>

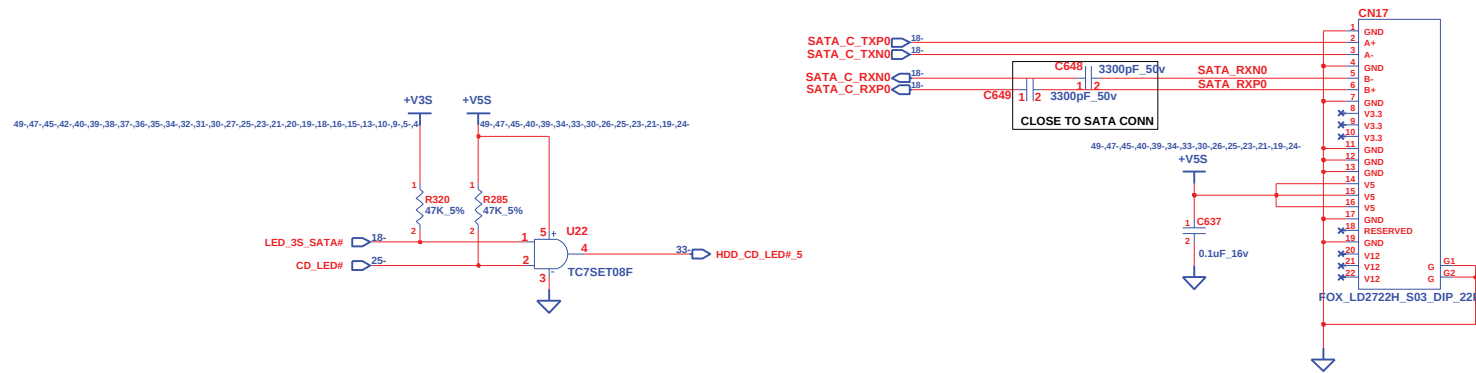


INVENTEC			
TITLE MW14-6.0			
LCD CONNECTOR I/F			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01

CHANGE by Su Chun-Chi 14-Nov-2005

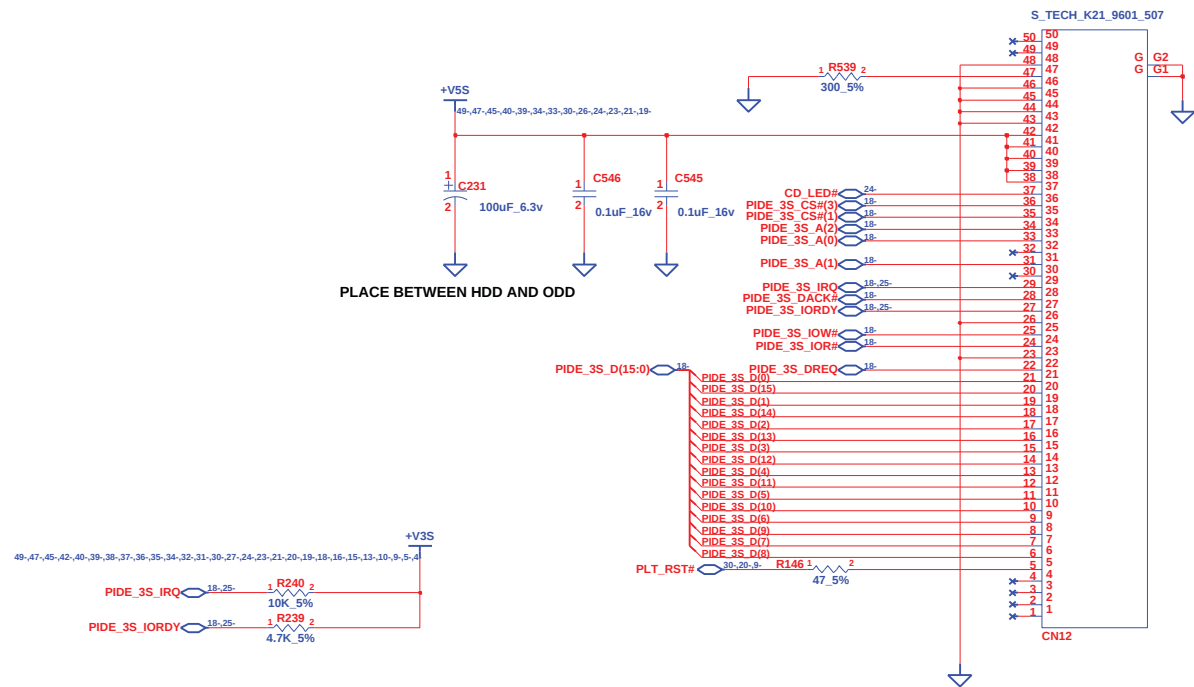
SHEET 23 OF 63

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INVENTEC			
TITLE			
MW14-6.0			
HDD CONNECTOR(SATA)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
CHANGE by		Su Chun-Chi	7-Nov-2005
SHEET		24	OF 63
		8	

<http://hobi-elektronika.net>



INVENTEC			
TITLE			
MW14-6.0			
CD-ROM Connect			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
CHANGE by		22-Feb-2006	
Su Chun-Chi		SHEET	
25		OF	
8		63	

http://hobi-elektronika.net

USB_P0-
USB_P0+

WCM_2012_900T_OPEN

L505

+V5S

FUSE500

1812L110

C548
0.1uF 16v

C549
1uF 6.3v

R540
47K_5%

R541
22K_5%

CN8
VCC S R 5
DATA+ S R 6
DATA- S L 6
GND S L 6

AMP_1470155_4_6P

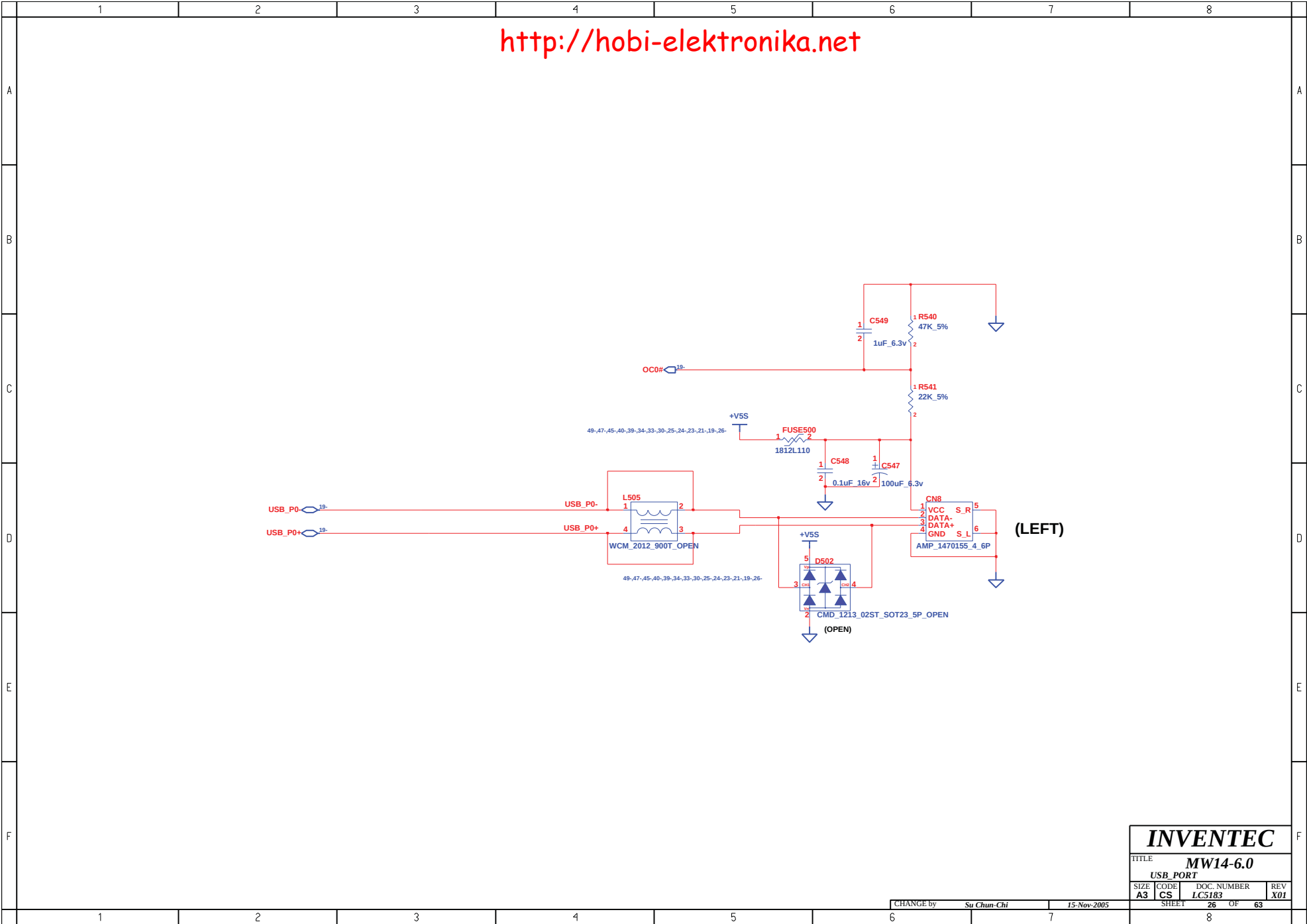
D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

(LEFT)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 26 OF 63



http://hobi-elektronika.net

USB_P0-
USB_P0+

OC0#

+V5S

FUSE500
1812L110

C549
1uF_6.3v

R540
47K_5%

R541
22K_5%

C548
0.1uF_16v

C547
100uF_6.3v

L505

WCM_2012_900T_OPEN

D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

CN8
VCC S R 5
DATA+ S R 6
DATA- S L 6
GND S L 6

AMP_1470155_4_6P

(LEFT)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	15-Nov-2005
SHEET	26	OF 63

http://hobi-elektronika.net

USB_P0-
USB_P0+

WCM_2012_900T_OPEN

L505

49-,47-,45-,40-,39-,34-,33-,30-,25-,24-,23-,21-,19-,26-

+V5S

FUSE500
1812L110

C548
0.1uF 16v

C547
100uF 6.3v

C549
1uF 6.3v

R540
47K_5%

R541
22K_5%

CN8
VCC S R 5
DATA- S R 6
DATA+ S L 6
GND S L 6

AMP_1470155_4_6P

D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

(LEFT)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 26 OF 63

http://hobi-elektronika.net

USB_P0-
USB_P0+

WCM_2012_900T_OPEN

49,47,45,40,39,34,33,30,25,24,23,21,19,26

+V5S

FUSE500
1812L110

C548
0.1uF 16v

C547
100uF 6.3v

D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

CN8
VCC S_R 5
DATA- S_L 6
DATA+
GND

AMP_1470155_4_6P

OC0#

C549
1uF 6.3v

R540
47K_5%

R541
22K_5%

(LEFT)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 26 OF 63

http://hobi-elektronika.net

USB_P0-
USB_P0+

WCM_2012_900T_OPEN

L505

49-,47-,45-,40-,39-,34-,33-,30-,25-,24-,23-,21-,19-,26-

+V5S

FUSE500
1812L110

C548
0.1uF 16v

C549
1uF 6.3v

R540
47K_5%

R541
22K_5%

CN8
VCC S R 5
DATA+
DATA-
GND S L 6

AMP_1470155_4_6P

D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

(LEFT)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 26 OF 63

http://hobi-elektronika.net

OC0# 19

1uF_6.3v

47K_5%

22K_5%

+V5S

FUSE500

1812L110

C548

0.1uF 16v

C547

100uF 6.3v

USB_P0-

USB_P0+

L505

WCM_2012_900T_OPEN

CN8

VCC S R

DATA+ DATA-

GND S L

AMP_1470155_4_6P

(LEFT)

+V5S

D502

CMD_1213_02ST_SOT23_5P_OPEN

(OPEN)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	15-Nov-2005
SHEET	26	OF 63

http://hobi-elektronika.net

USB_P0-
USB_P0+

WCM_2012_900T_OPEN

L505

49_47_45_40_39_34_33_30_25_24_23_21_19_26

+V5S

FUSE500
1812L110

C549
1uF_6.3v

R540
47K_5%

R541
22K_5%

C548
0.1uF_16v

C547
100uF_6.3v

CN8
VCC S_R
DATA-
DATA+
GND S_L

AMP_1470155_4_6P

D502
CMD_1213_02ST_SOT23_5P_OPEN

(LEFT)

(OPEN)

INVENTEC			
TITLE MW14-6.0			
SIZE CODE DOC. NUMBER REV			
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	15-Nov-2005
SHEET	26	OF 63

http://hobi-elektronika.net

USB_P0-
USB_P0+
WCM_2012_900T_OPEN
L505
49-,47-,45-,40-,39-,34-,33-,30-,25-,24-,23-,21-,19-,26-

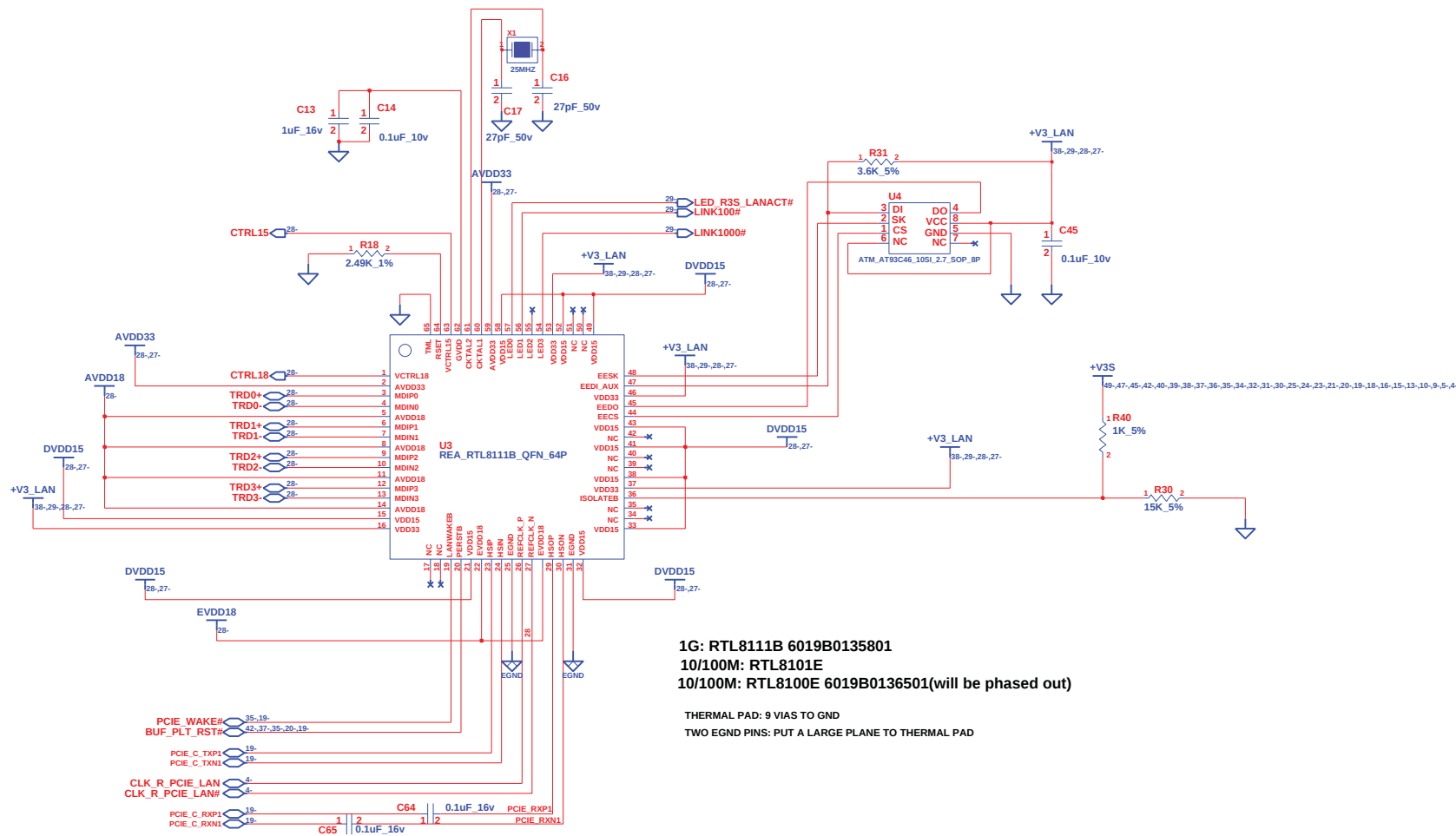
+V5S
FUSE500
1812L110
C548
0.1uF 16v
C549
1uF 6.3v
R541
22K_5%
R540
47K_5%
C547
100uF 6.3v
CN8
VCC S_R 5
DATA- S_L 6
DATA+
GND
AMP_1470155_4_6P
(LEFT)

+V5S
D502
CMD_1213_02ST_SOT23_5P_OPEN
(OPEN)

INVENTEC
MW14-6.0
USB_PORT
SIZE A3 CODE CS DOC. NUMBER LC5183 REV X01
CHANGE by Su Chun-Chi 15-Nov-2005
SHEET 26 OF 63

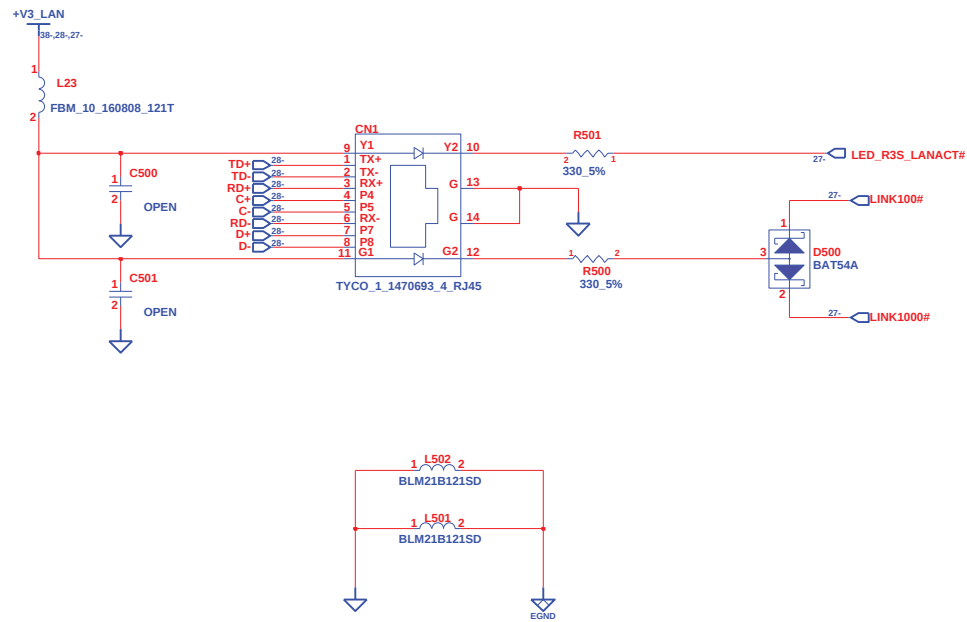
[illegible]

<http://hobi-elektronika.net>

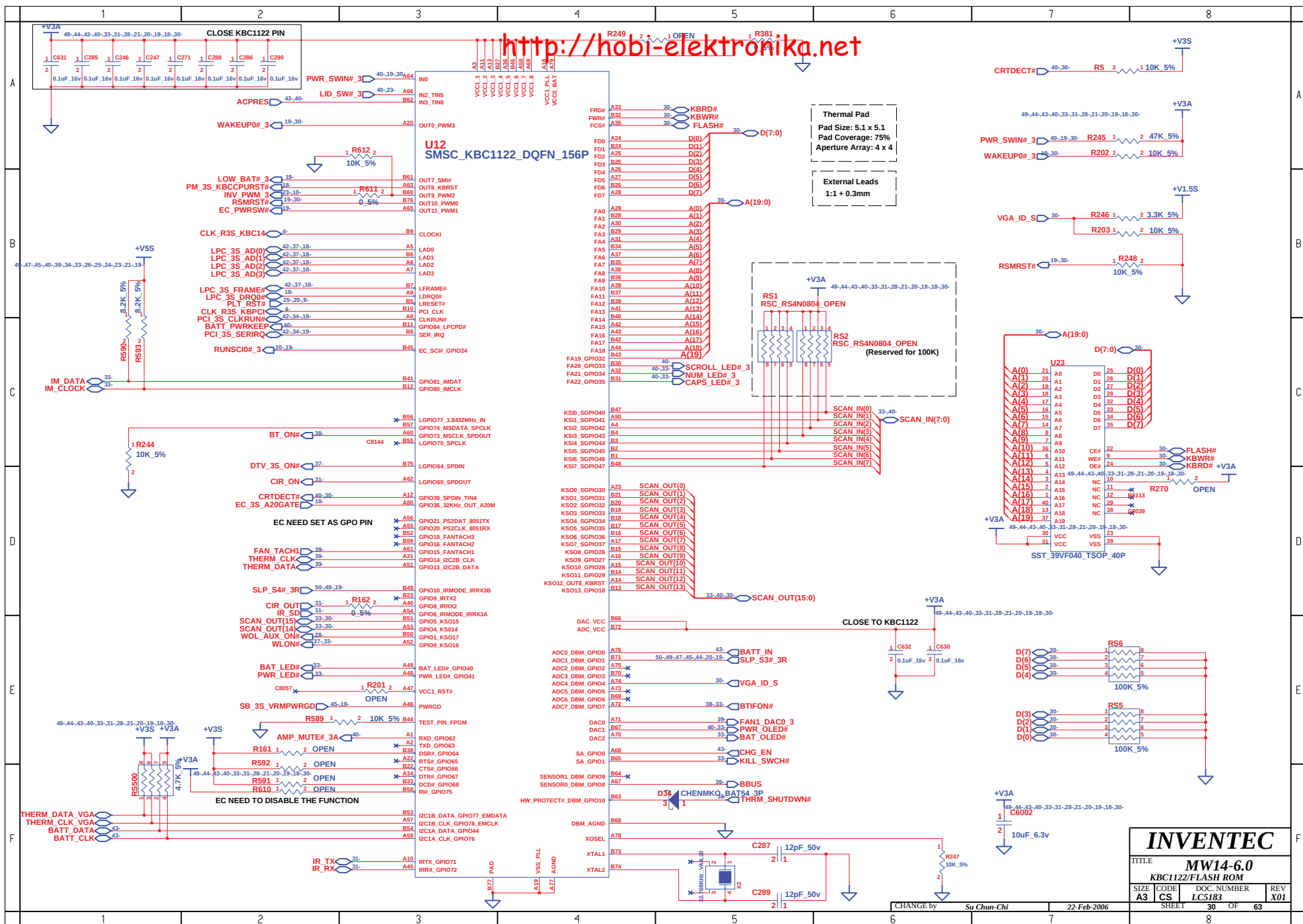


INVENTEC			
TITLE MW14-6.0			
LAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
CHANGE by Su Chun-Chi		7-Nov-2005	
SHEET 1		OF 63	

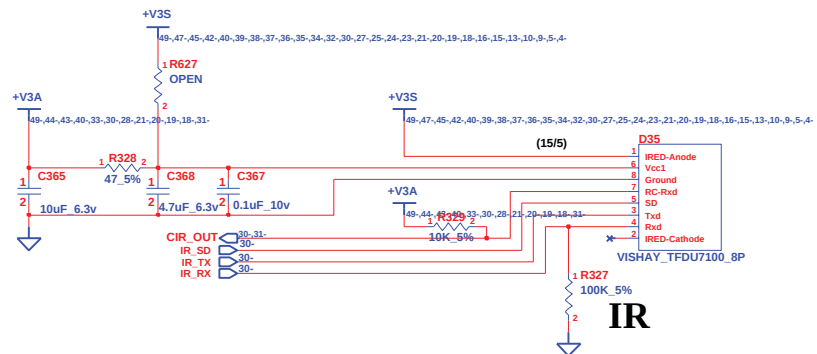
<http://hobi-elektronika.net>



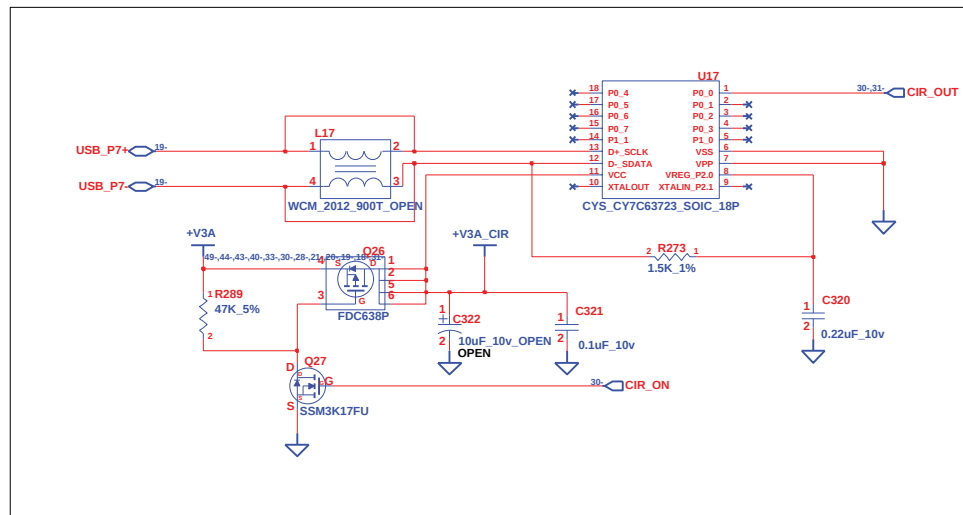
INVENTEC			
TITLE			
MW14-6.0			
RJ45 CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
CHANGE by		Su Chun-Chi	7-Nov-2005
SHEET		29	OF 63



<http://hobi-elektronika.net>



CIR



INVENTEC

TITLE **MW14-6.0**

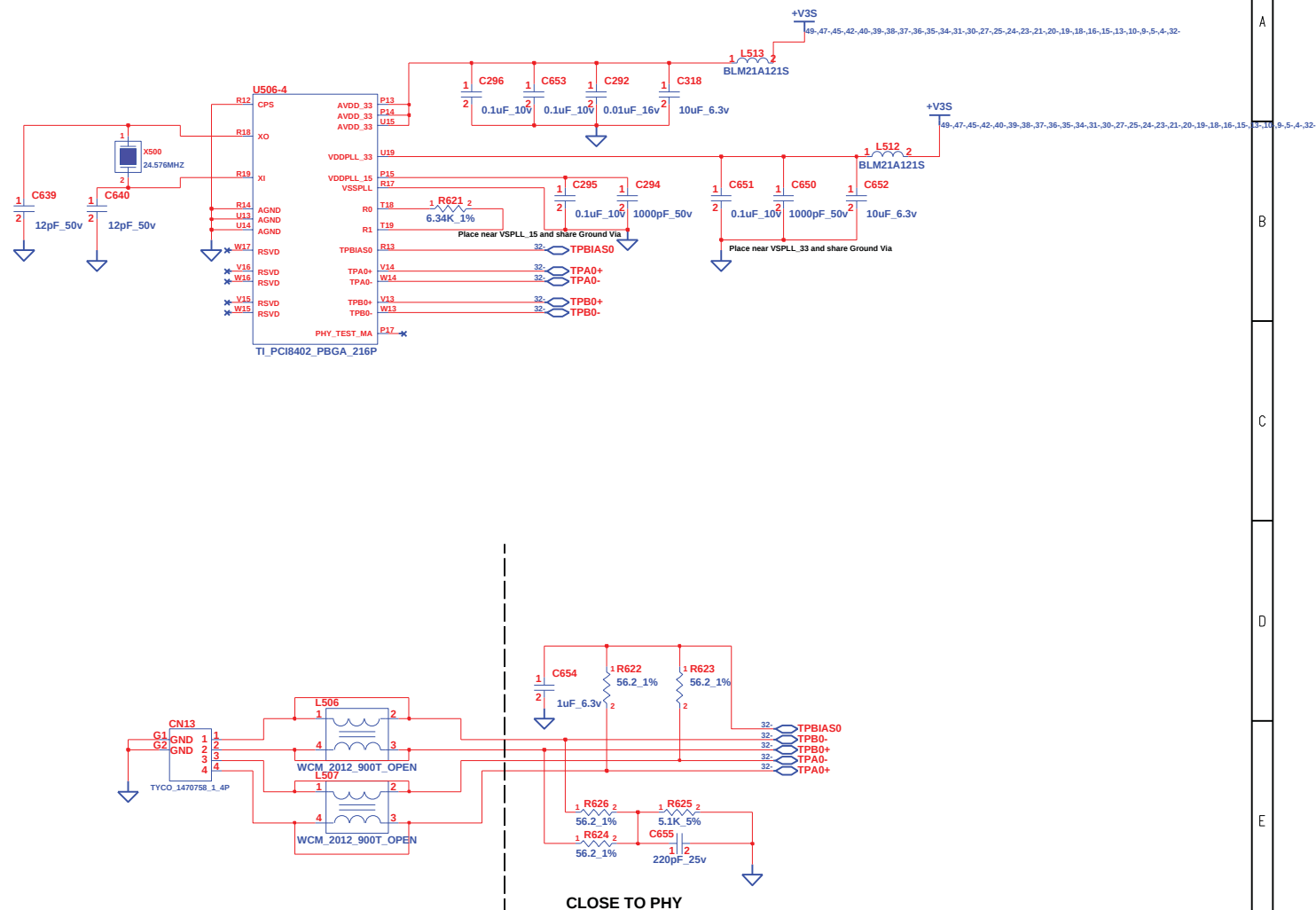
CIR & IR

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by **Su Chun-Chi** 5-Dec-2005

SHEET **31** OF **63**

<http://hobi-elektronika.net>

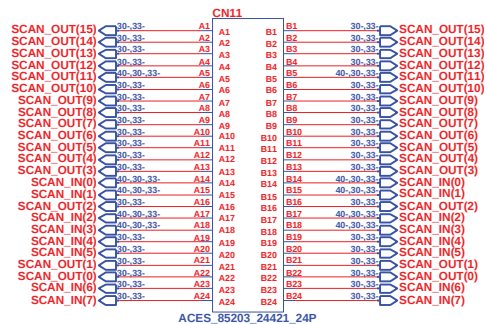


INVENTEC			
TITLE			
MW14-6.0			
1394 CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

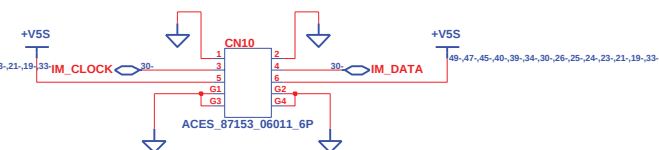
CHANGE by Su Chun-Chi 20-Feb-2006

SHEET 32 OF 63

<http://hobi-elektronika.net>

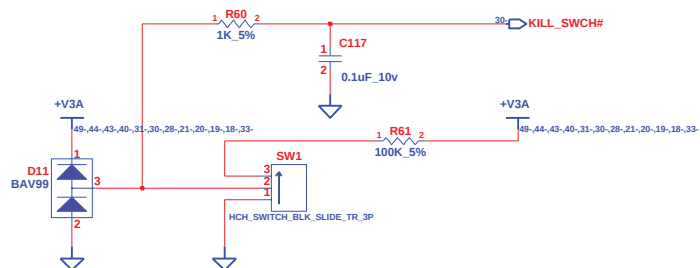


ACES_85203_24421_24P

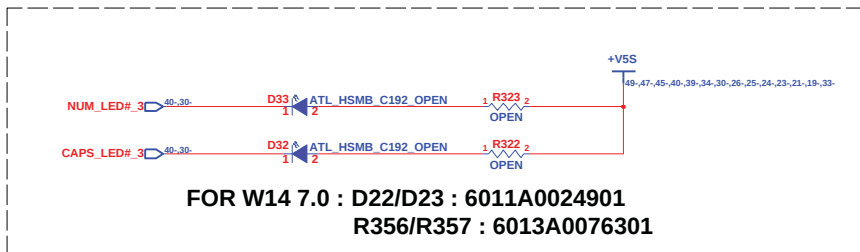


ACES_87153_06011_6P

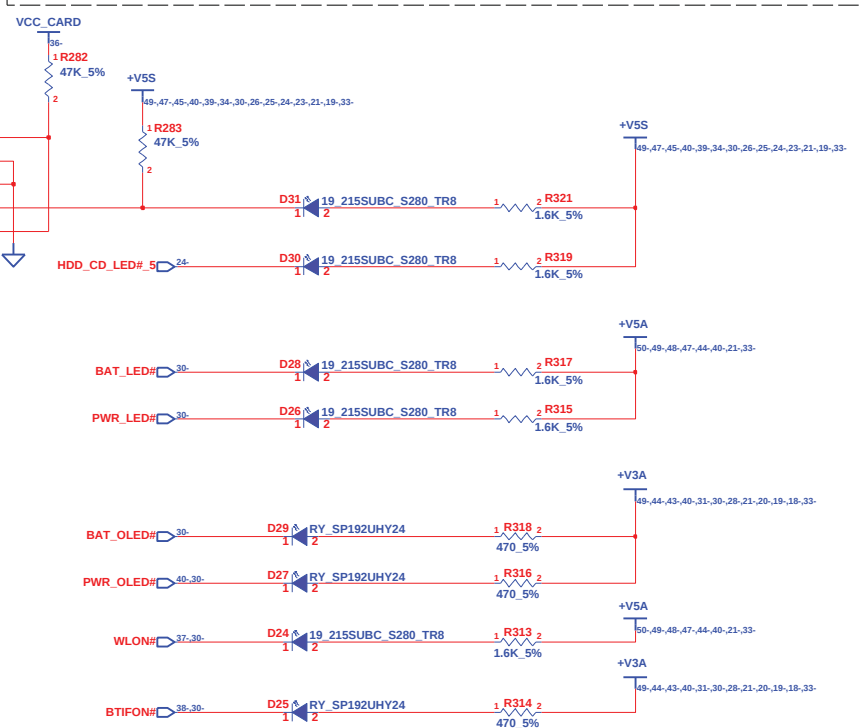
TO TOUCH PAD PAGE 63



KILL SWITCH



FOR W14 7.0 : D22/D23 : 6011A0024901
R356/R357 : 6013A0076301

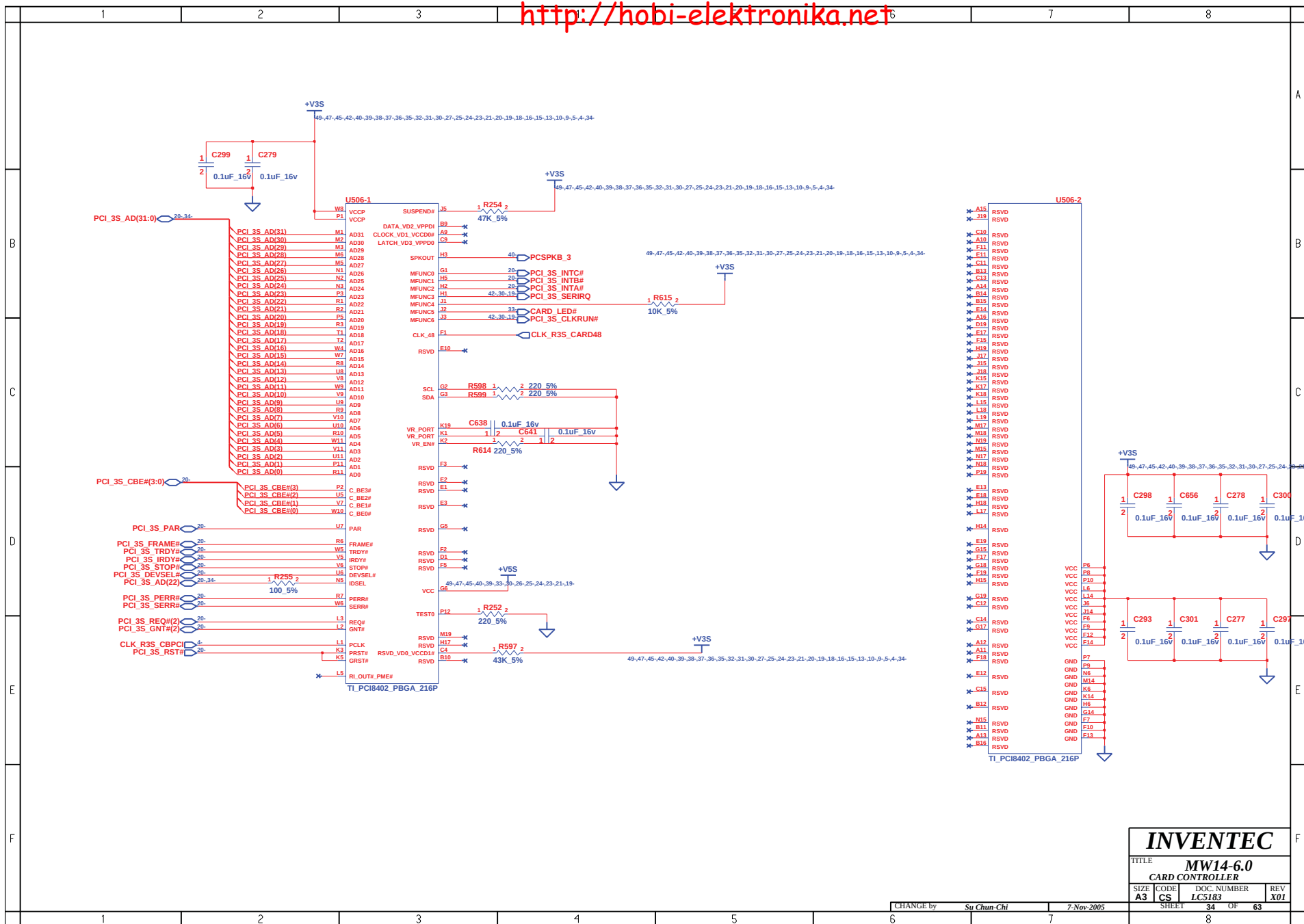


INVENTEC

TITLE			
MW14-6.0			
KB I/F & TOUCH PAD & LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 22-Feb-2006

SHEET 33 OF 63



INVENTEC

TITLE **MW14-6.0**

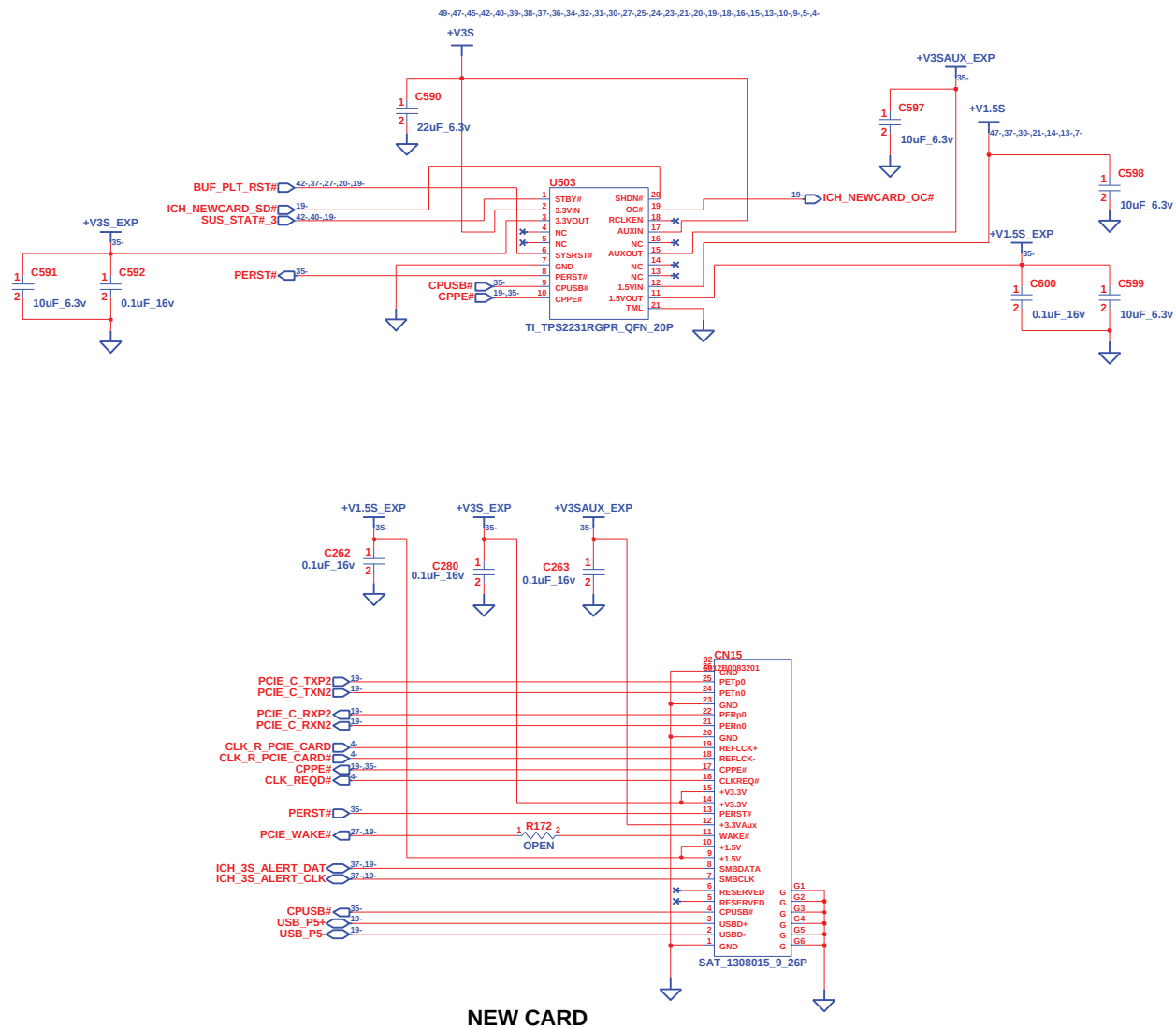
CARD CONTROLLER

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by **Su Chun-Chi** 7-Nov-2005

SHEET **34** OF **63**

<http://hobi-elektronika.net>



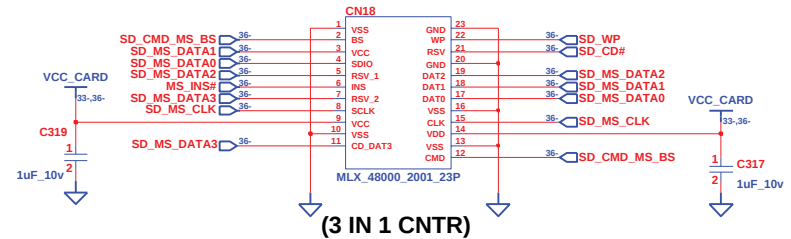
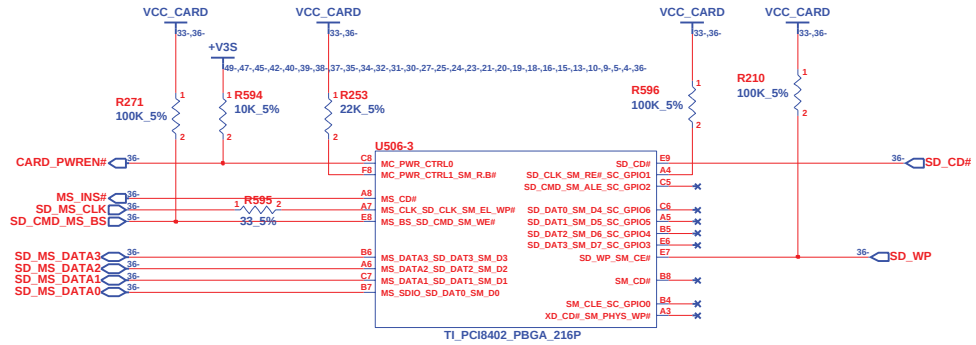
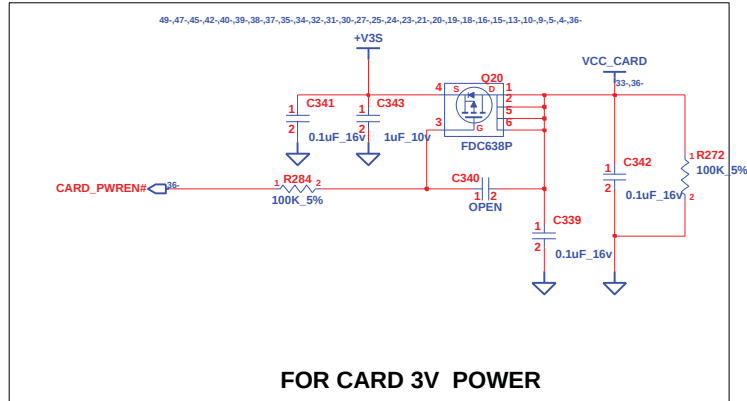
NEW CARD

INVENTEC			
TITLE			
MW14-6.0			
NEW CARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 14-Feb-2006

SHEET 35 OF 63

<http://hobi-elektronika.net>

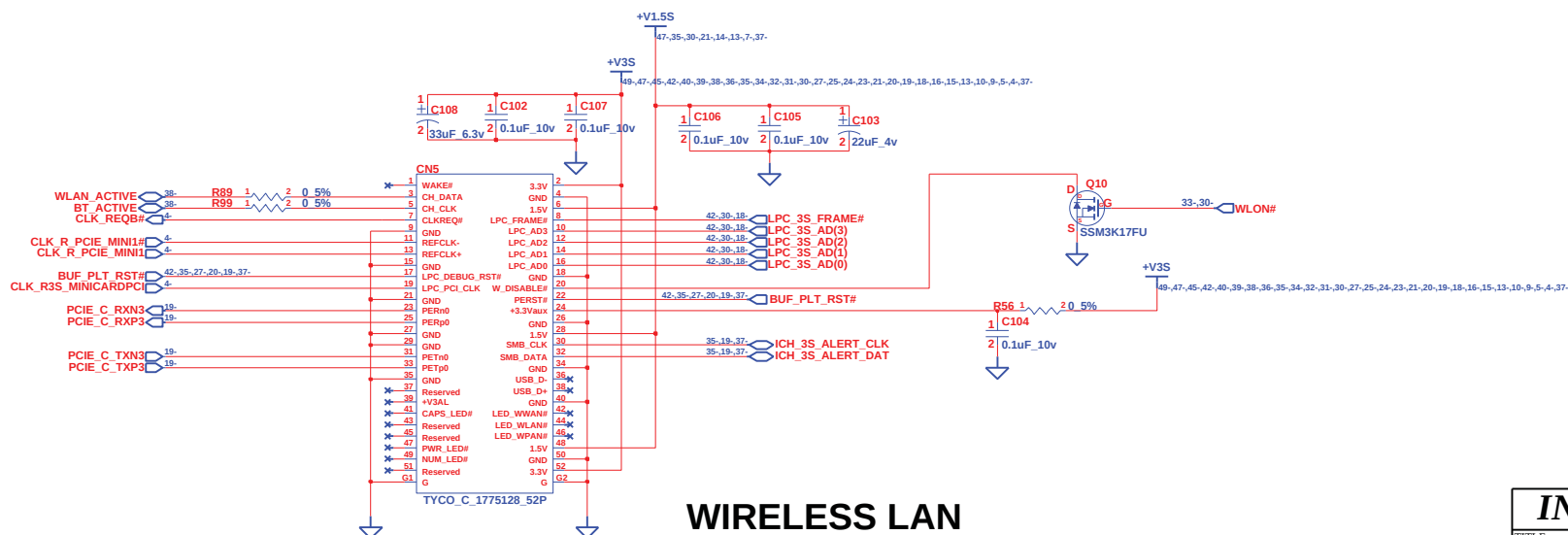
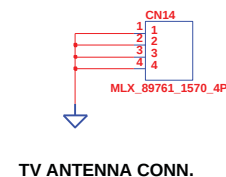
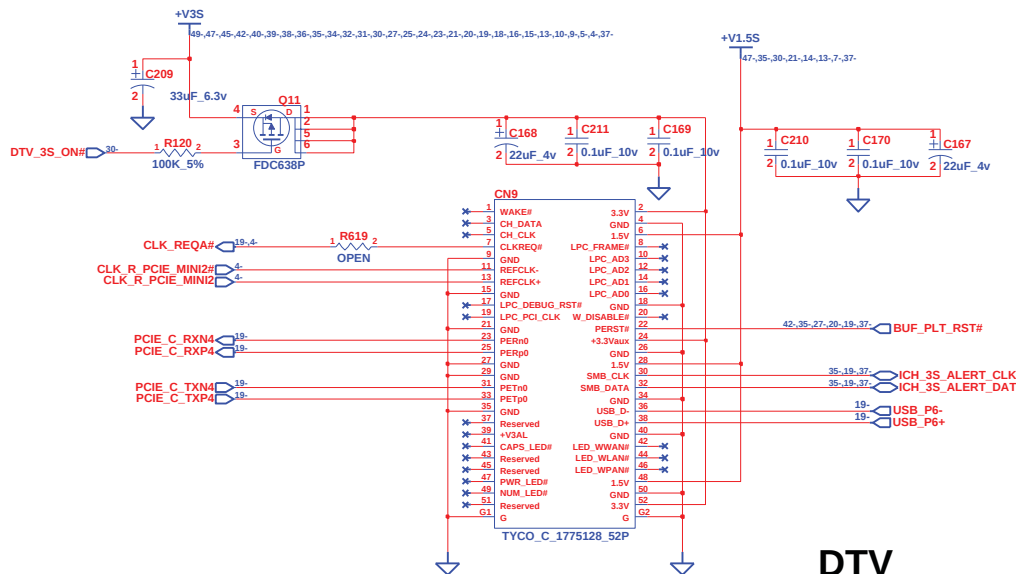


INVENTEC			
TITLE			
MW14-6.0			
3 IN 1 Connector			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 36 OF 63

<http://hobi-elektronika.net>

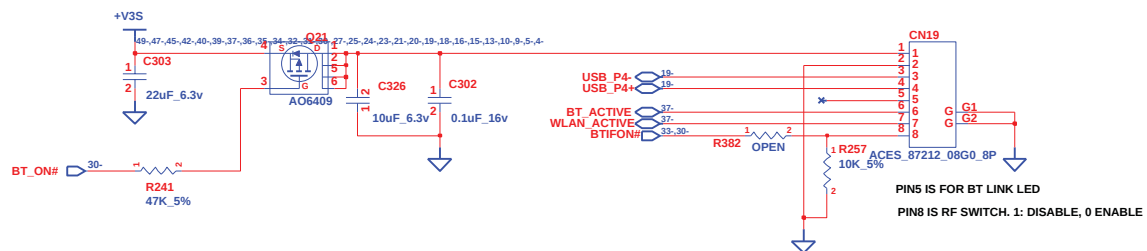


INVENTEC			
TITLE MW14-6.0			
MINI CARD			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01

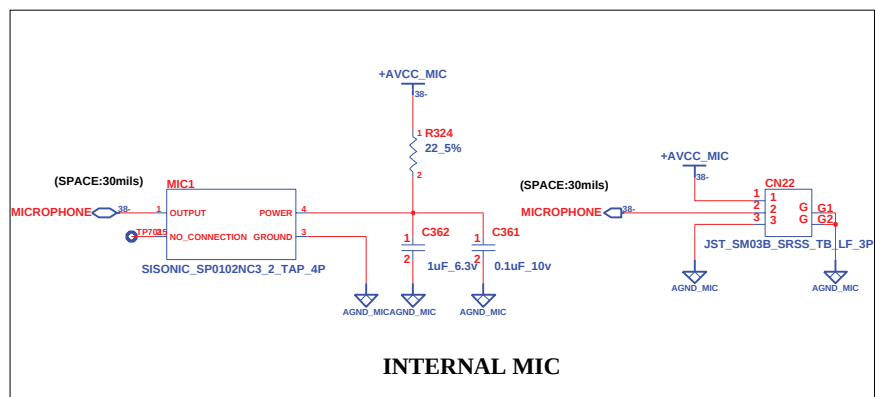
CHANGE by Su Chun-Chi 15-Nov-2005

SHEET 37 OF 63

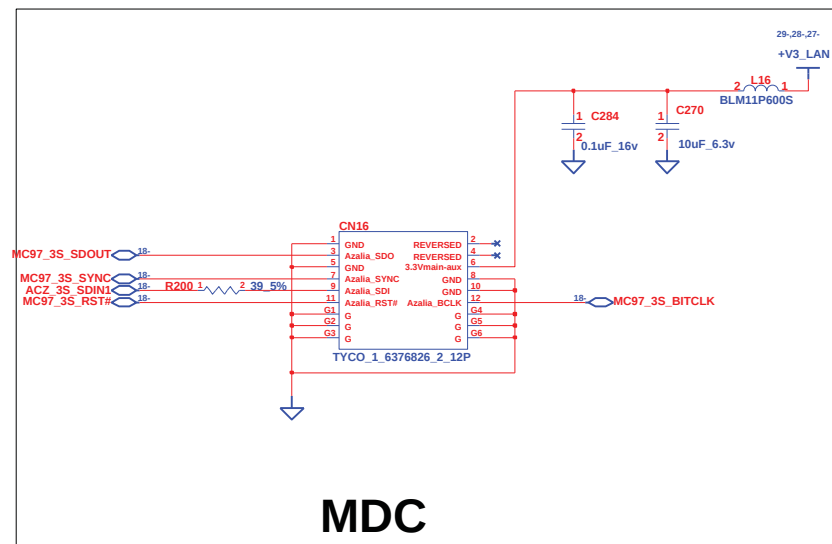
<http://hobi-elektronika.net>



BLUE TOOTH



INTERNAL MIC



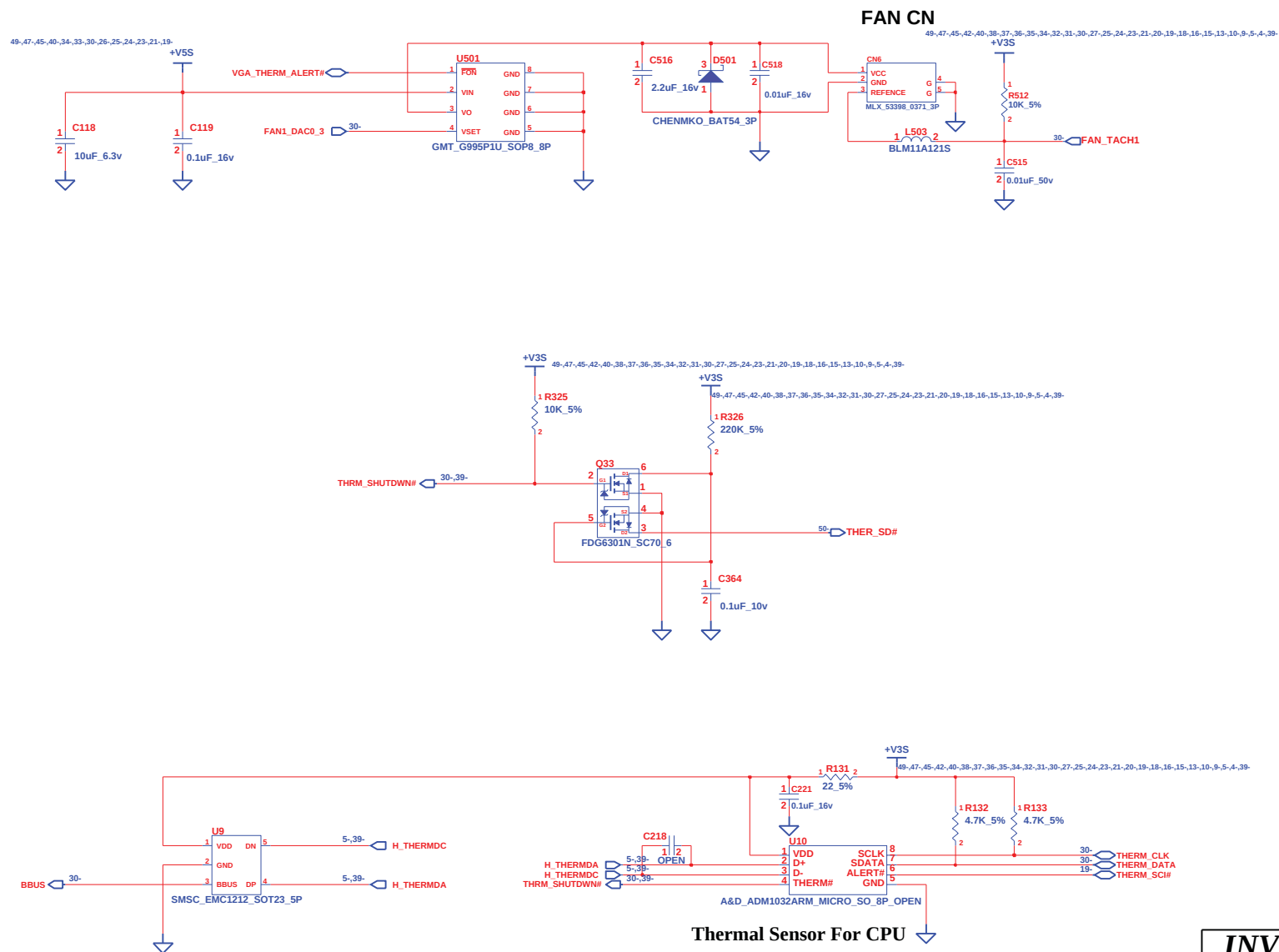
MDC

INVENTEC			
TITLE			
MW14-6.0			
MDC I/F & Bluetooth			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 28-Dec-2005

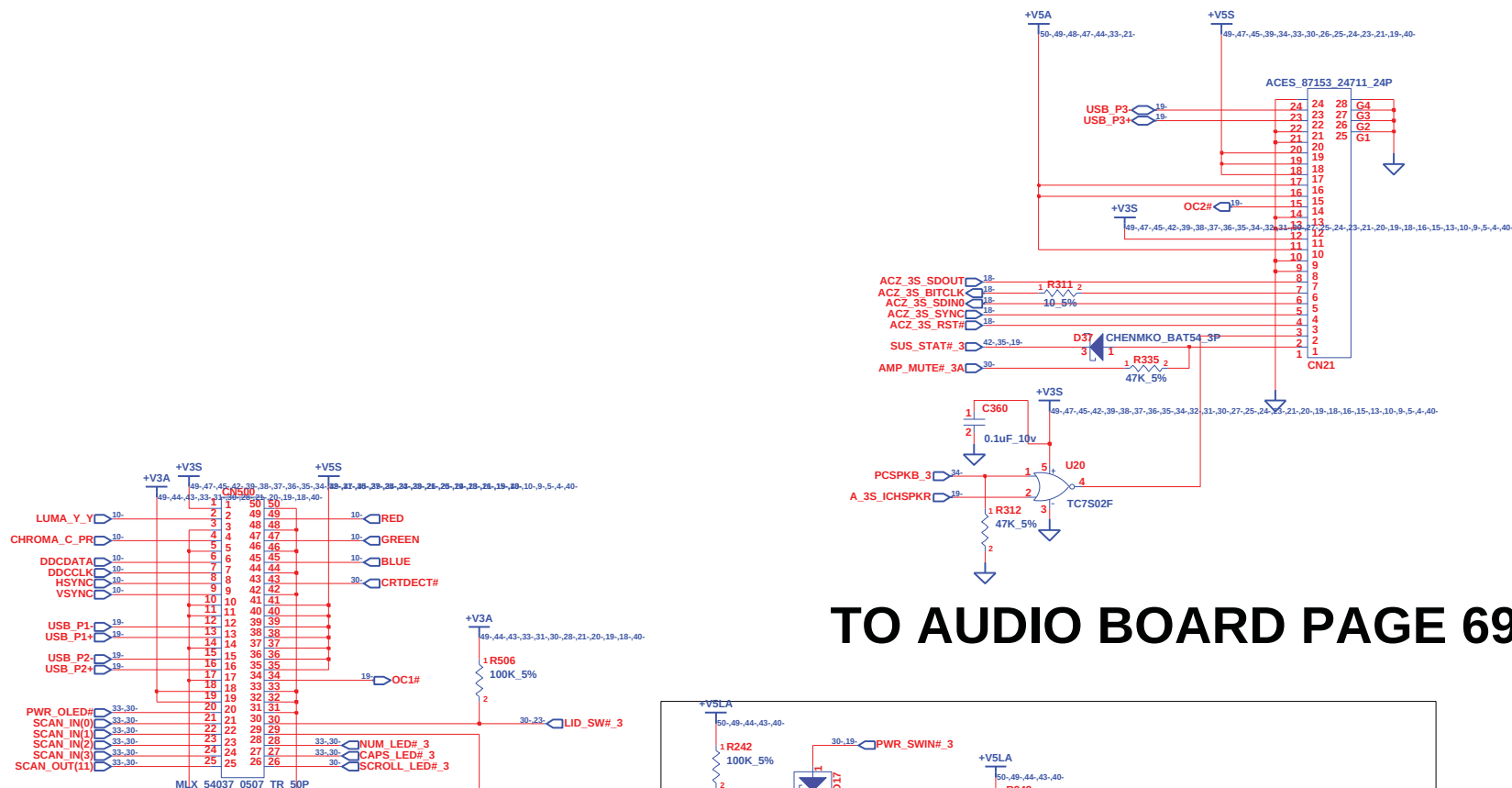
SHEET 38 OF 63

<http://hobi-elektronika.net>



INVENTEC			
TITLE			
MW14-6.0			
THERMAL SENSOR & FAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01
CHANGE by		Su Chun-Chi	7-Nov-2005
SHEET		39	OF 63

<http://hobi-elektronika.net>



TO IO BOARD PAGE 62

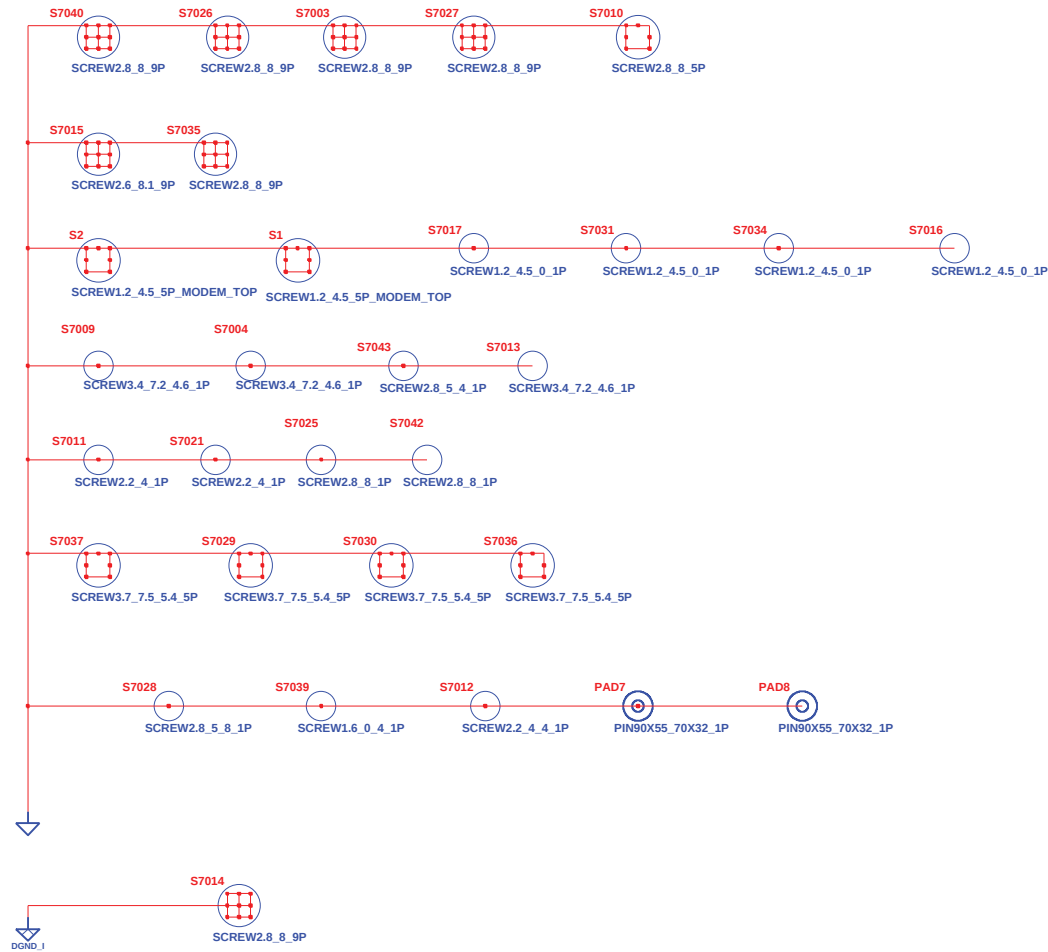
TO AUDIO BOARD PAGE 69

ALL POWER TURN OFF WHEN BATTERY MODE

INVENTEC			
TITLE MW14-6.0			
I/O BOARD-C			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
SHEET 1		OF 63	8

CHANGE by Su Chun-Chi 28-Dec-2005

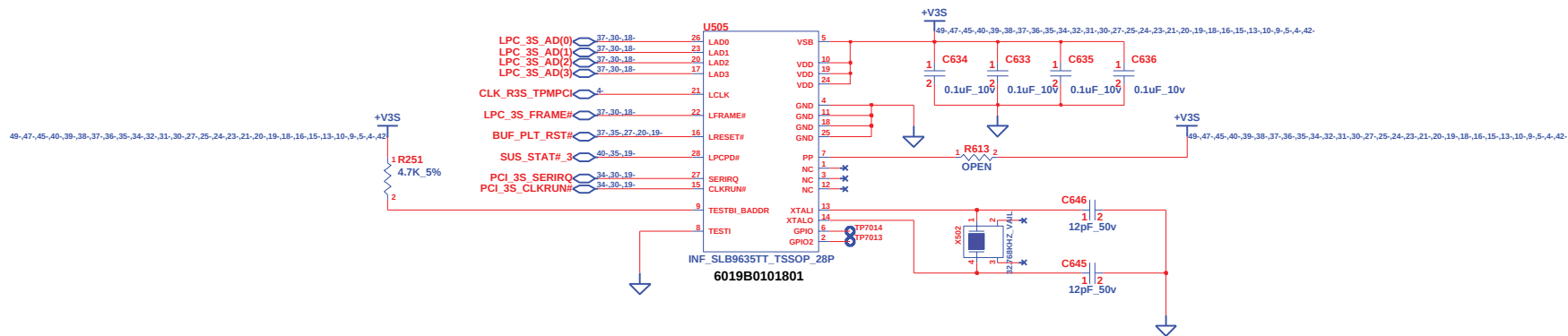
<http://hobi-elektronika.net>



FIX7017
FIX7002
FIX7023
FIX7024
FIX7018
FIX7003

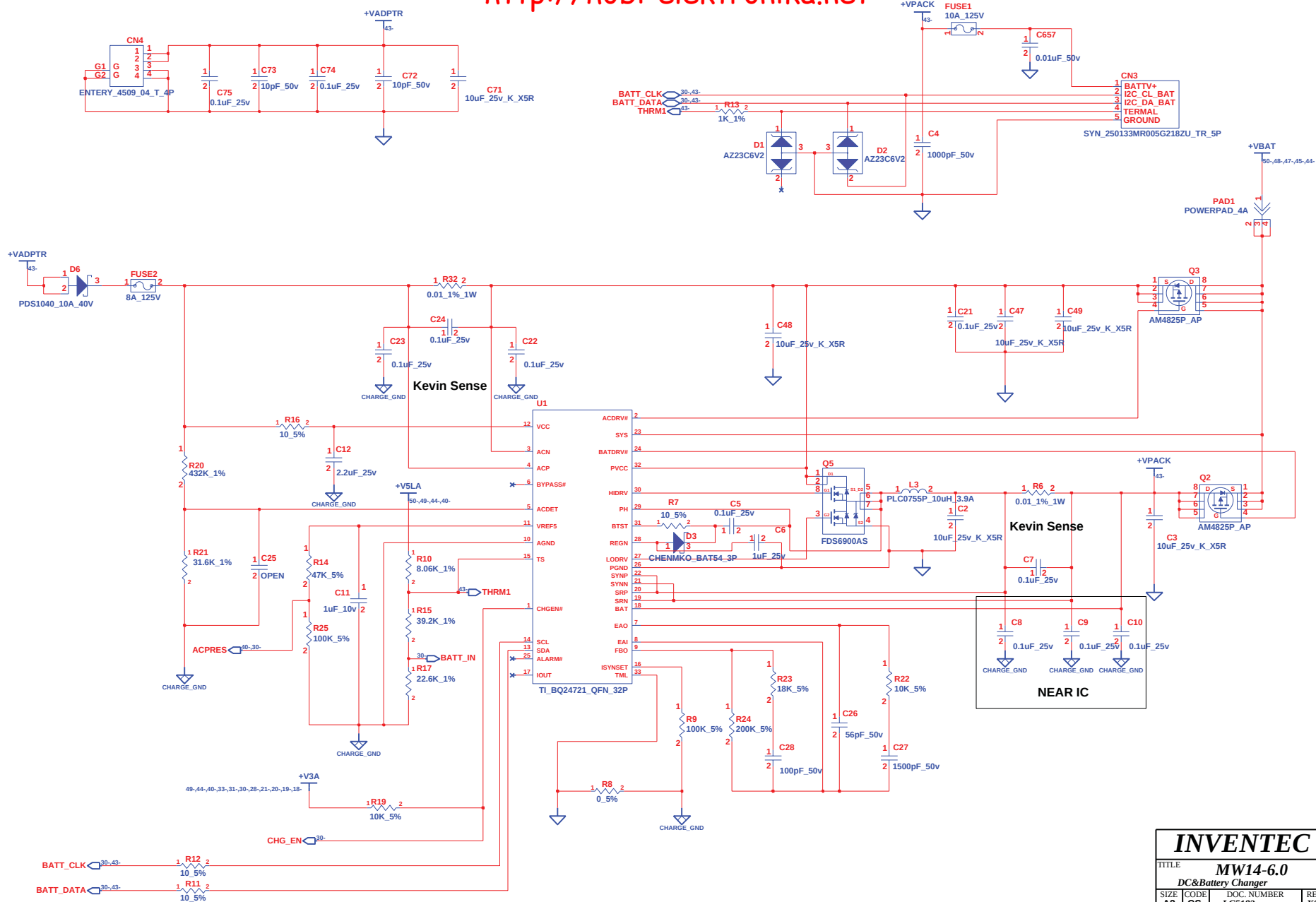
INVENTEC			
TITLE MW14-6.0			
Drill Hole			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
SHEET 41		OF 63	

<http://hobi-elektronika.net>

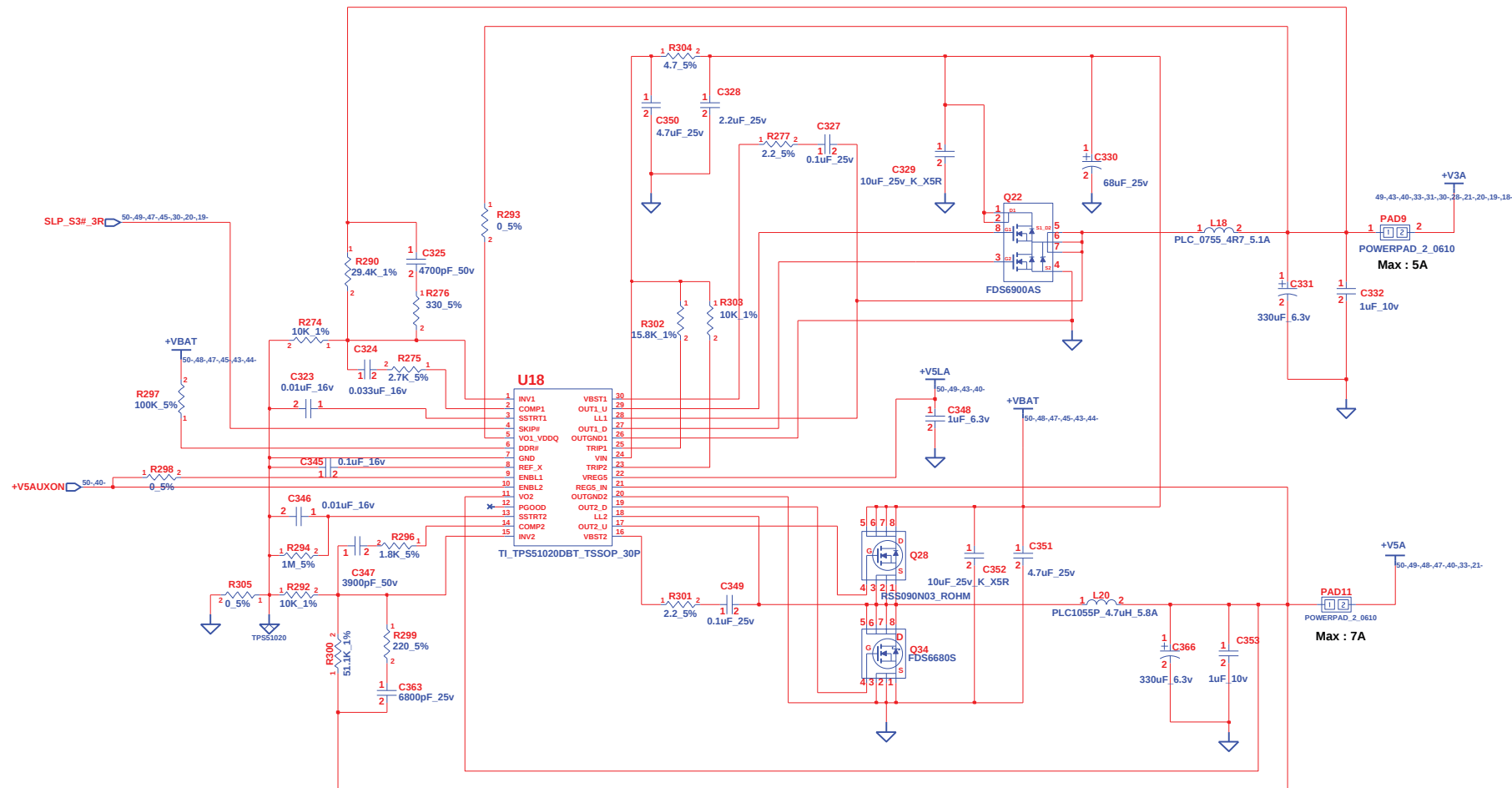


INVENTEC			
TITLE MW14-6.0			
TPM 1.2			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
CHANGE by Su Chun-Chi		26-Feb-2006	
SHEET 42		OF 63	

<http://hobi-elektronika.net>



<http://hobi-elektronika.net>



INVENTEC

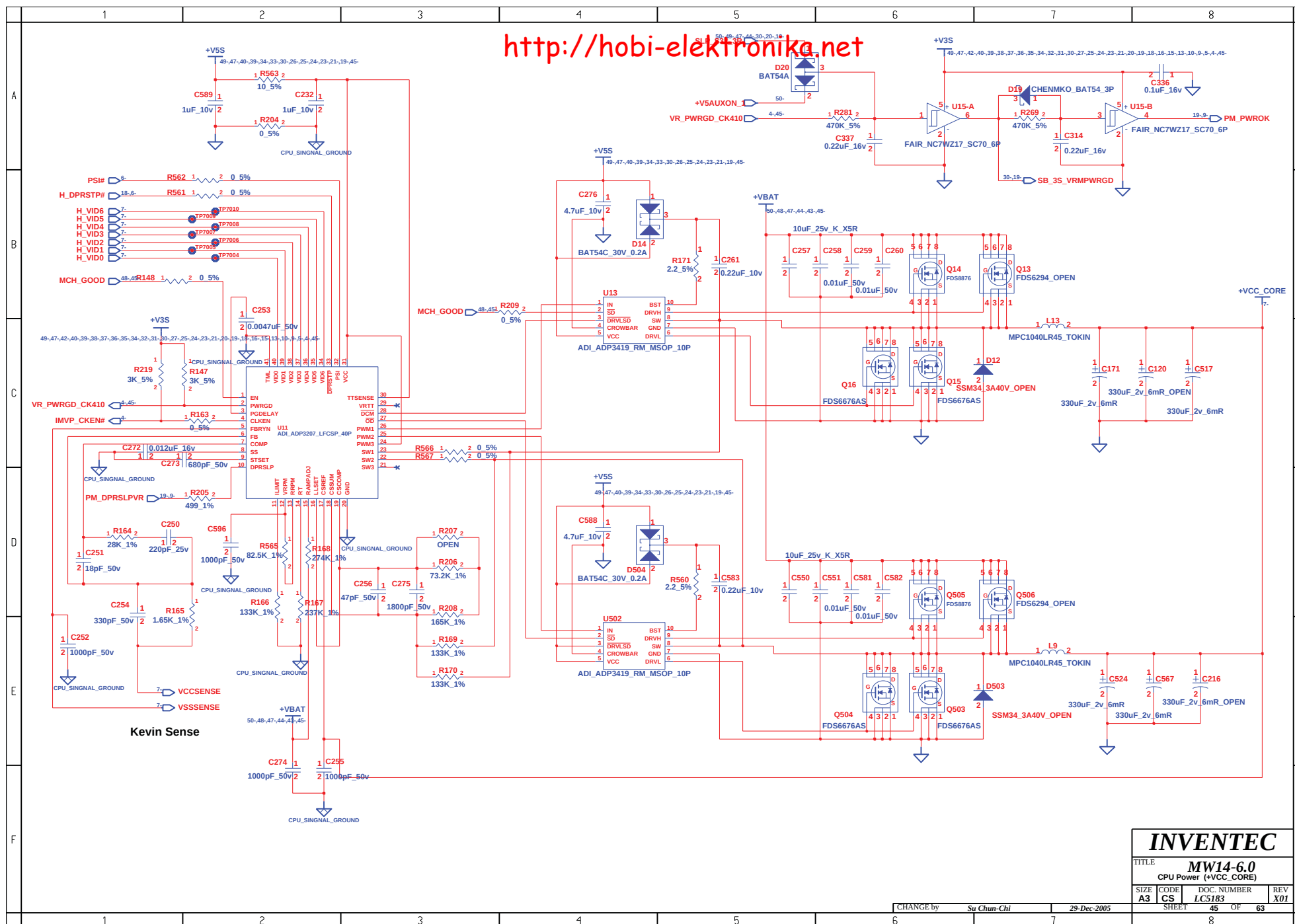
TITLE **MW14-6.0**
System Power (+V3A, +V5A)

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by **Su Chun-Chi** 15-Feb-2006

SHEET 44 OF 63

8



	1	2	3	4	5	6	7	8	
A	http://hobi-elektronika.net								A
B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC

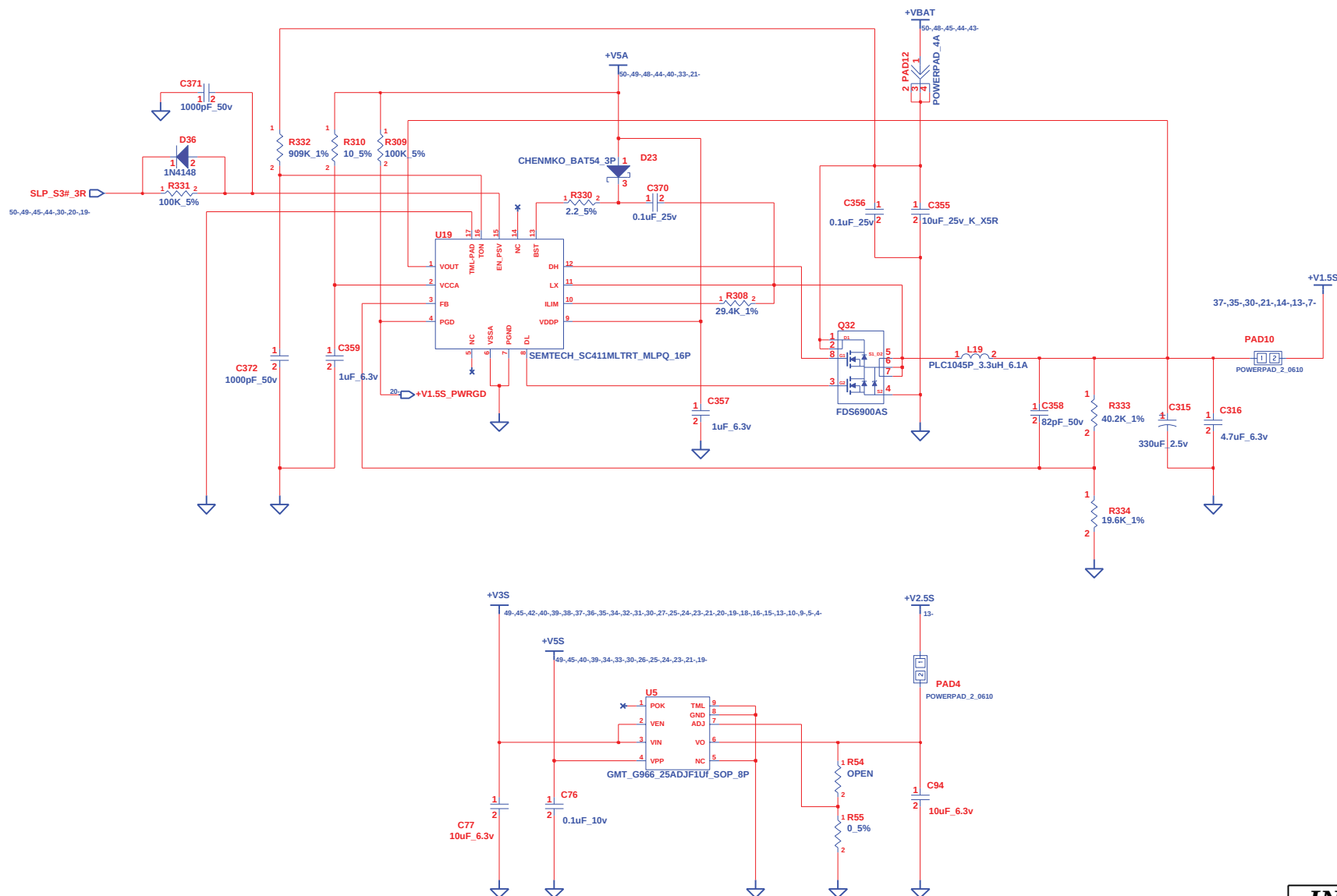
TITLE **MW14-6.0**
System Power (+VGAVCC)

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by **Su Chun-Chi** **9-Oct-2003**

SHEET **46** OF **63**

<http://hobi-elektronika.net>



INVENTEC

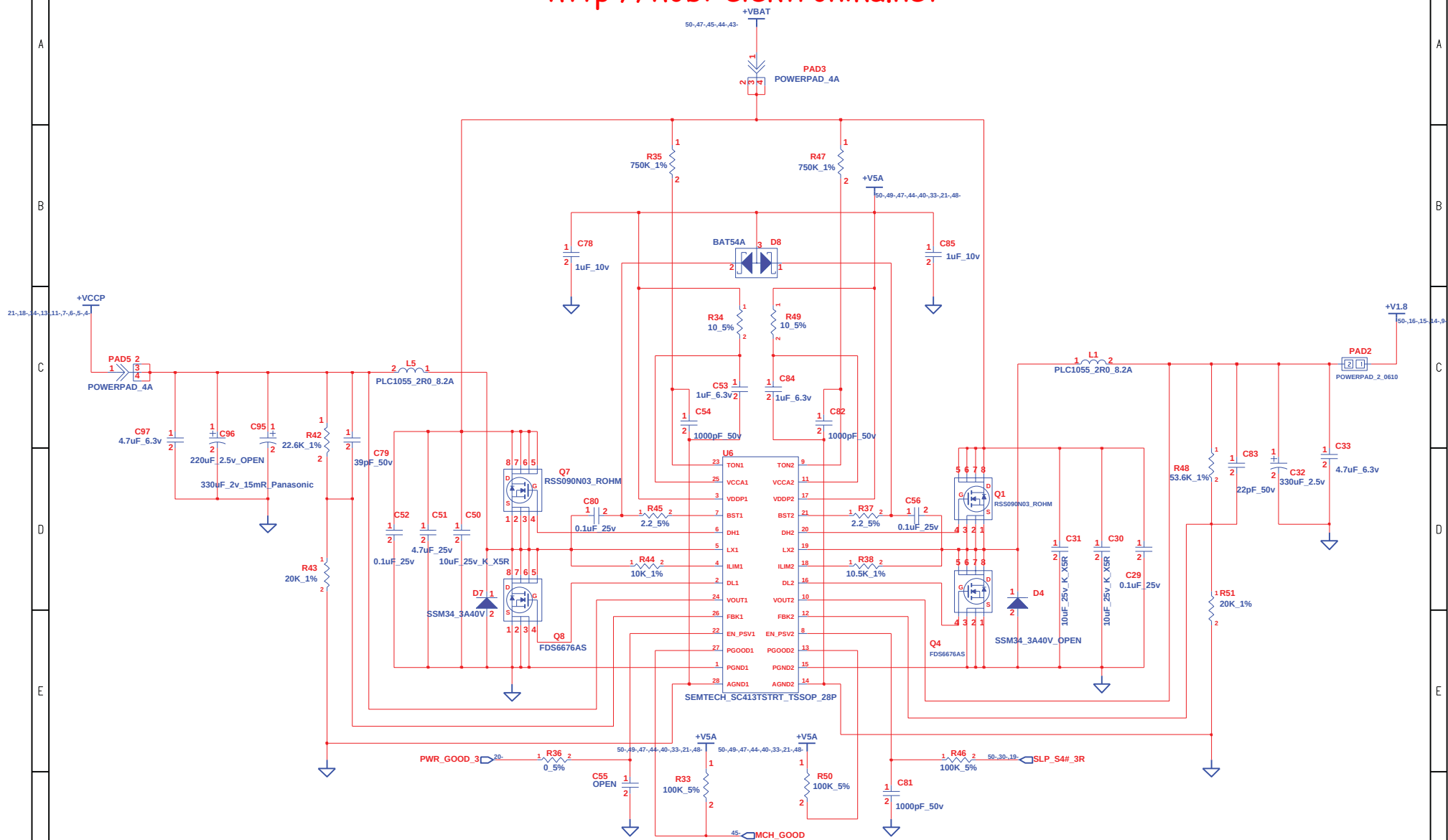
TITLE **MW14-6.0**
System Power (+VCCP)

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by **Su Chun-Chi** 27-Dec-2005

SHEET 47 OF 63

<http://hobi-elektronika.net>



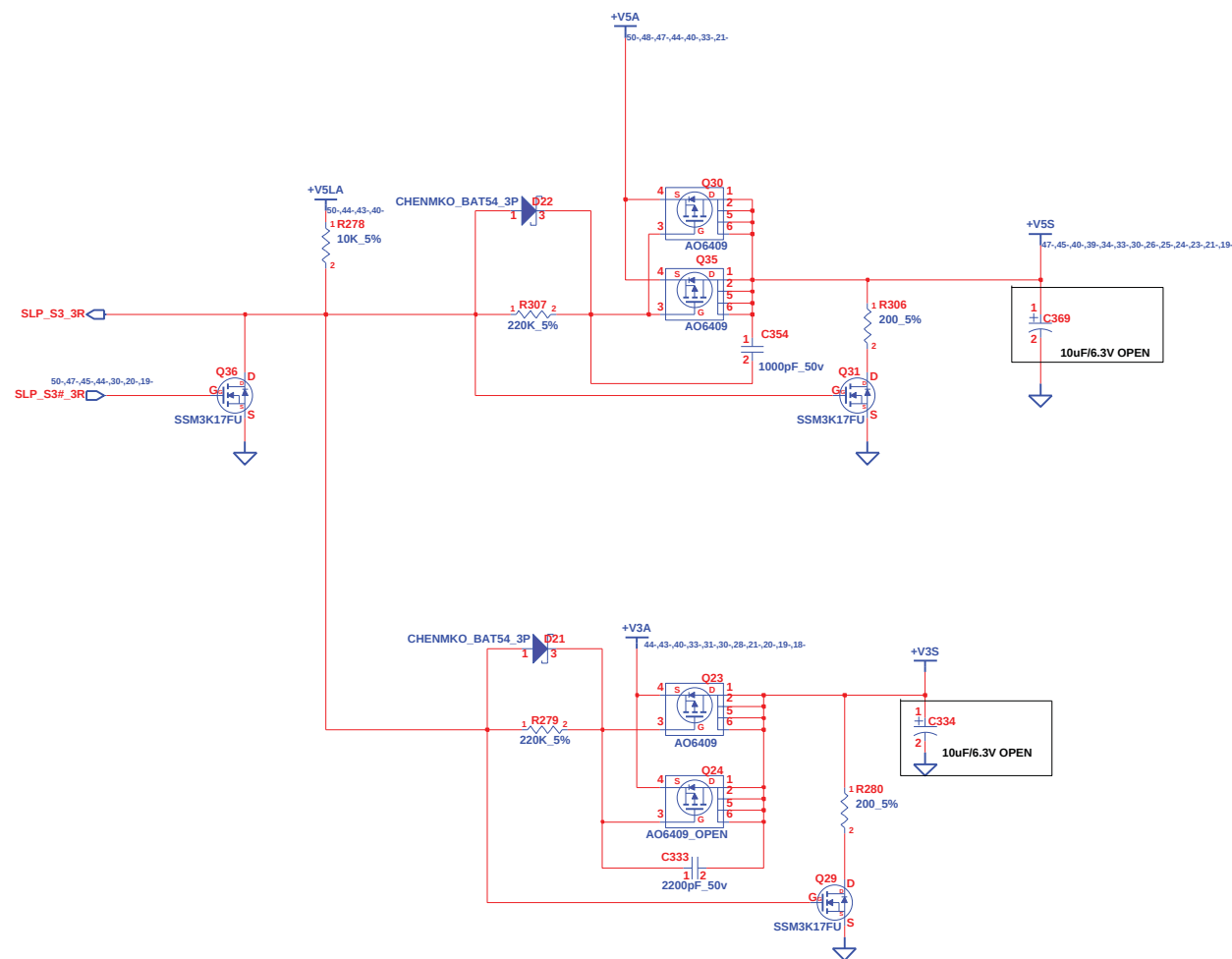
INVENTEC

TITLE **MW14-6.0**
System Power (+V1.8 +V1.5S)
SIZE CODE CS DOC. NUMBER LC5183 REV X01

CHANGE by Su Chun-Chi 10-Dec-2005

SHEET 48 OF 63

<http://hobi-elektronika.net>



INVENTEC

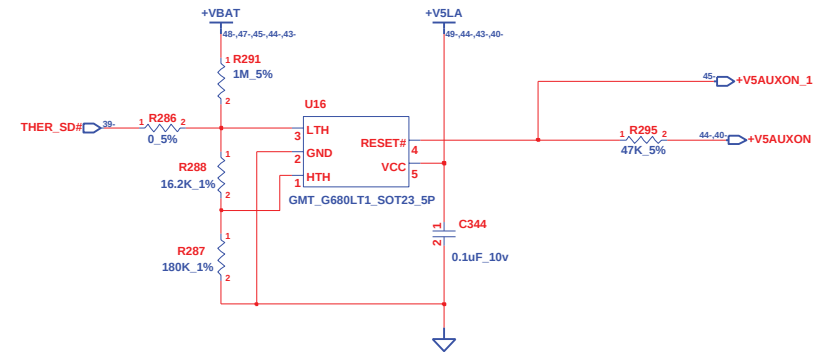
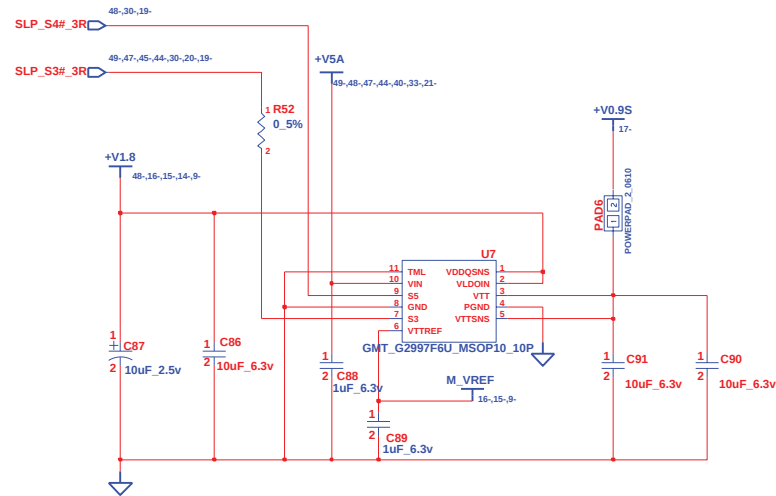
TITLE **MW14-6.0**
Power (Sequence)

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by **Su Chun-Chi** 7-Nov-2005

SHEET **49** OF **63**

<http://hobi-elektronika.net>



INVENTEC

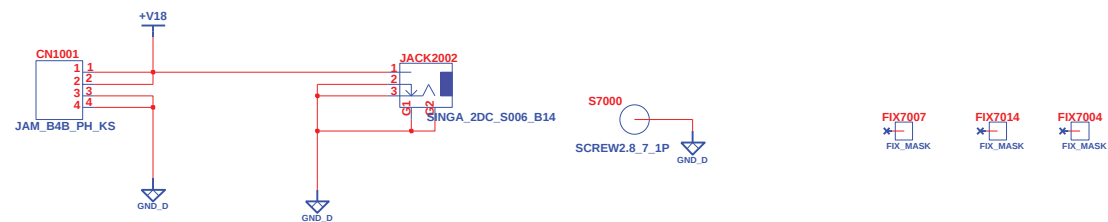
TITLE
MW14-6.0
System Power

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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CHANGE by **Su Chun-Chi** 22-Feb-2006

SHEET 50 OF 63

<http://hobi-elektronika.net>



DC IN BOARD 1/1

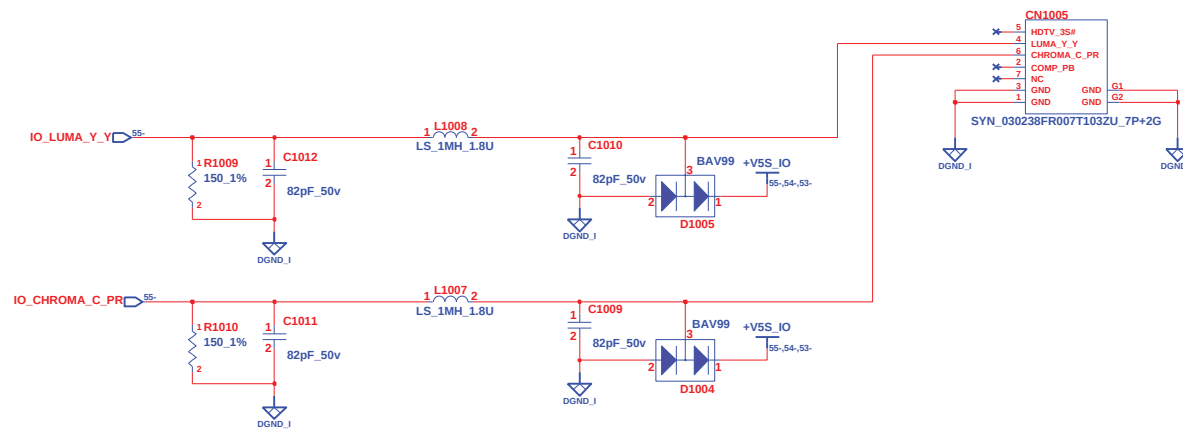
INVENTEC

TITLE			
MW14-6.0			
DC-IN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 28-Dec-2005

SHEET 51 OF 63

<http://hobi-elektronika.net>



IO BOARD 1/4

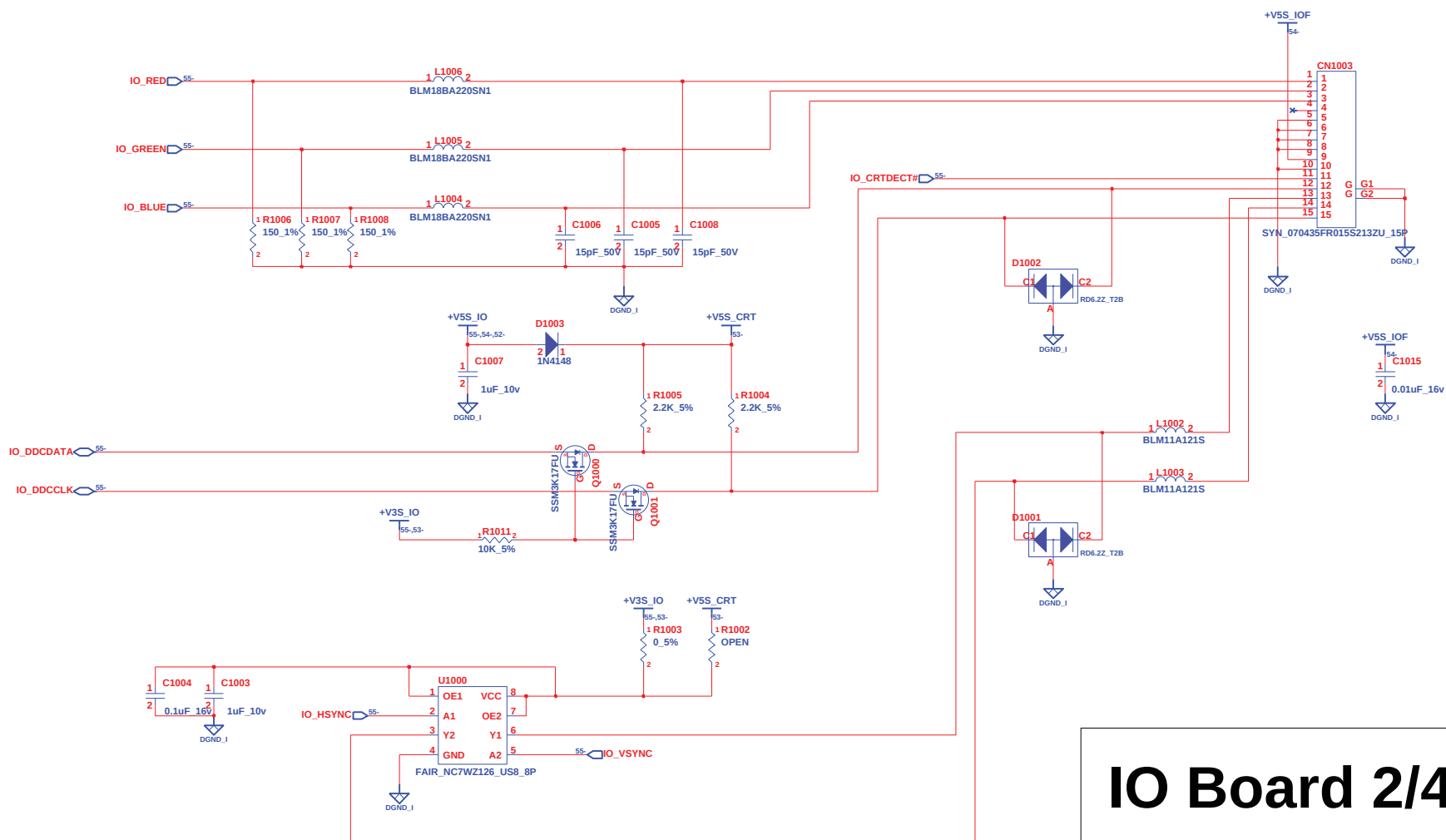
INVENTEC

TITLE			
MW14-6.0			
IO BOARD-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 52 OF 63

<http://hobi-elektronika.net>



IO Board 2/4

INVENTEC

TITLE			
MW14-6.0			
IO BOARD-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 14-Feb-2006

SHEET 53 OF 63

8

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IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

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IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

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IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

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IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

http://hobi-elektronika.net

IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

http://hobi-elektronika.net

IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

http://hobi-elektronika.net

IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

http://hobi-elektronika.net

IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

1 2 3 4 5 6 7 8

A

B

C

D

E

F

http://hobi-elektronika.net

IO Board 3/4

DOWN

UP

INVENTEC			
TITLE MW14-6.0 IO BOARD-3			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	Su Chun-Chi	28-Dec-2005
SHEET	54	OF 63

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

<http://hobi-elektronika.net>

The schematic diagram illustrates the electrical connections for the IO BOARD 4/4. It features several key components and their interconnections:

- Capacitors:** C1014 and C1013 are both 0.1uF 16V electrolytic capacitors connected to the +VSS_IO rail.
- Connectors:** CN1004 and CN1002 are multi-pin connectors. CN1004 connects to various I/O signals (IO_LUMA_Y_Y, IO_CHROMA_C_PR, etc.) and power rails (+V3A_IO, +V3S_IO). CN1002 connects to scan and LED control signals (IO_SCAN_IN(0), IO_SCAN_OUT(11), etc.).
- ICs:** The MLX_S3794_0508_TR_50P is a proximity sensor module connected to the board's ground and power rails.
- LEDs:** Various LEDs are controlled via dedicated pins, including IO_RED, IO_GREEN, IO_BLUE, IO_CRTDECT#, IO_OC1#, IO_LID_SW#_3, IO_PWR_SWIN#_3, IO_NUM_LED#_3, IO_CAPS_LED#_3, and IO_SCROLL_LED#_3.
- Mechanical Mounting:** Screws S7022, S7024, S7023, S7020, S7005, and S7019 are used to secure the board components.

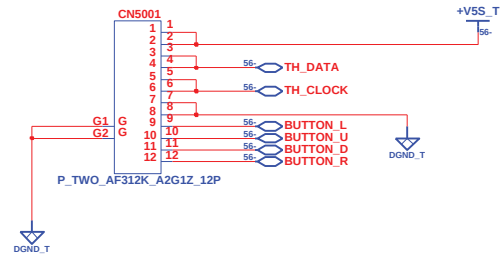
TO MB PAGE 47

TO HOTKEY/B PAGE 66

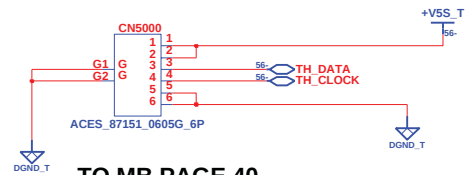
IO BOARD 4/4

INVENTEC			
TITLE MW14-6.0 I/O BOARD -4			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
CHANGE by Su Chun-Chi		29-Dec-2005	
SHEET 55		OF 63	

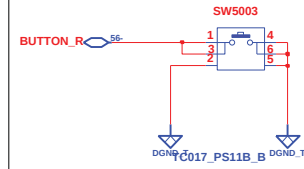
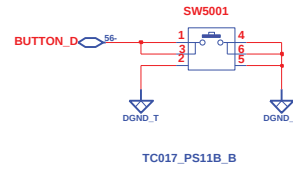
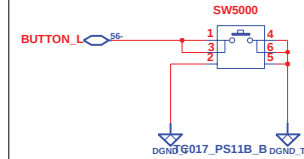
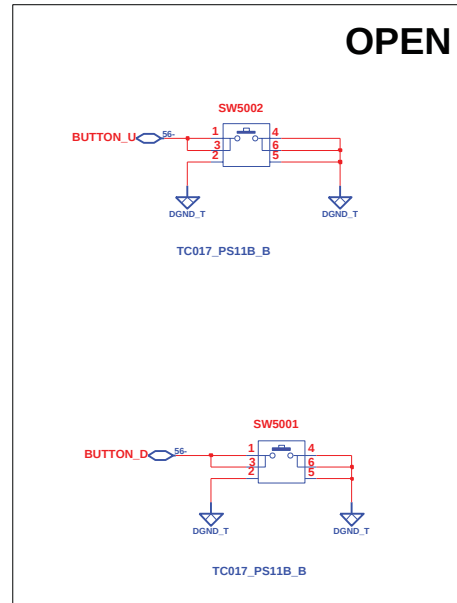
<http://hobi-elektronika.net>



TO TOUCH PAD



TO MB PAGE 40



TOUCH PAD BUTTON BOARD 1/1

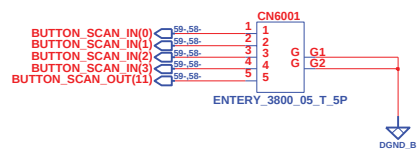
INVENTEC

TITLE			
MW14-6.0 TOUCH PAD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 28-Dec-2005

SHEET 56 OF 63

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TO OPTION HOTKEY/B PAGE67

HOTKEY BOARD 1/3

INVENTEC

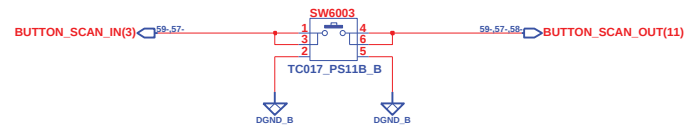
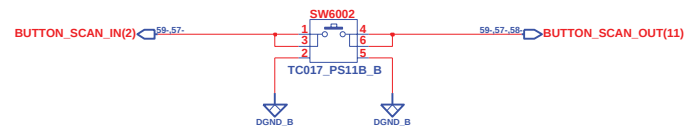
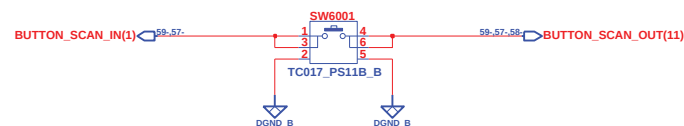
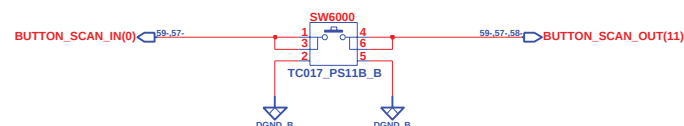
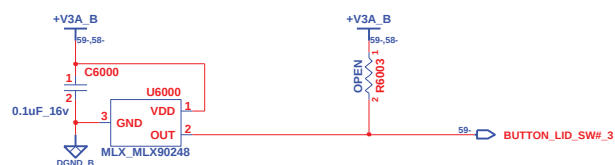
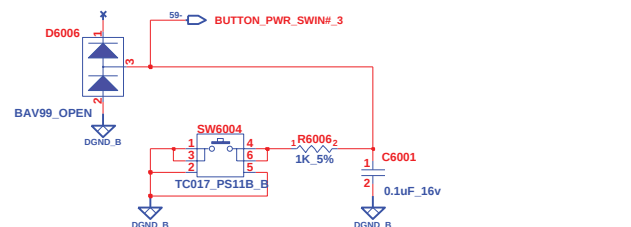
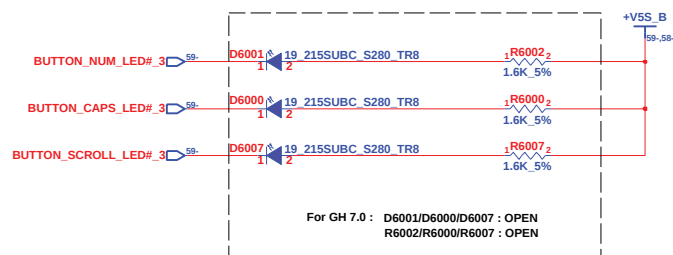
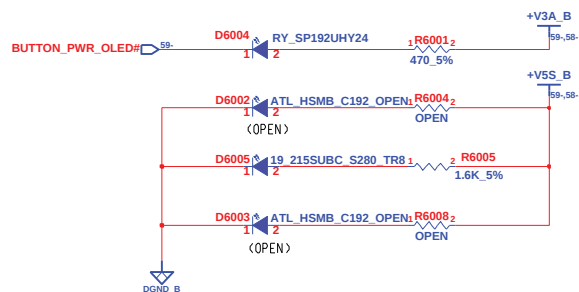
TITLE			
MW14-6.0 OPTION HOTKEY			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 7-Nov-2005

SHEET 57 OF 63

8

<http://hobi-elektronika.net>



Hotkey Board 2/3

INVENTEC

TITLE			
MW14-6.0			
SWITCHES & LEDS			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by Su Chun-Chi 22-Feb-2006

SHEET 58 OF 63

12345678

A

B

C

D

E

http://hobi-elektronika.net

ACES_87213 1400G 14P

14 13 12 11 10 9 8 7 6 5 4 3 2 1

G G G

14 13 12 11 10 9 8 7 6 5 4 3 2 1

SB SB SB SB SB SB SB SB SB SB SB SB SB SB

BUTTON_PWR_OLED#_3
BUTTON_SCROLL_LED#_3
BUTTON_CAPS_LED#_3
BUTTON_NUM_LED#_3
BUTTON_PWR_SWIN#_3
BUTTON_LID_SW#_3
BUTTON_SCAN_OUT(11)
BUTTON_SCAN_IN(3)
BUTTON_SCAN_IN(2)
BUTTON_SCAN_IN(1)
BUTTON_SCAN_IN(0)

DGND_B

+V5S_B

+V3A_B

CN6000

TO IO/B PAGE62

FIX7022
FIX_MASK

FIX7020
FIX_MASK

FIX7021
FIX_MASK

FIX7019
FIX_MASK

S7046
SCREW2.2_6

S7044
SCREW2.2_6

S7032
SCREW2.2_6

DGND_B

S7038
SCREW2.2_4_1P

DGND_B

HOTKEY BOARD 3/3

HOTKEY BOARD 3/3

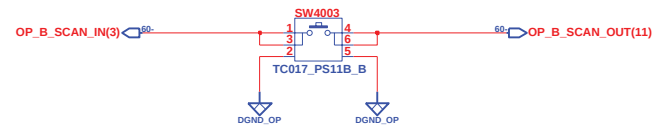
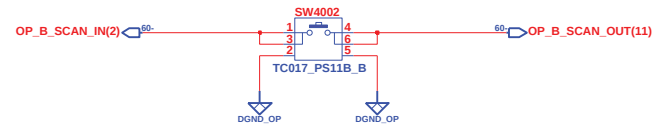
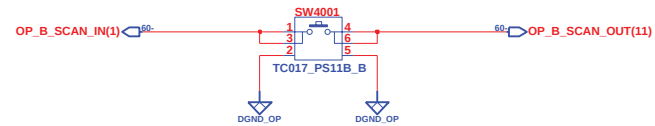
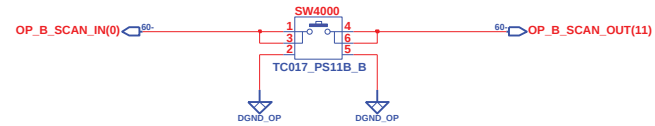
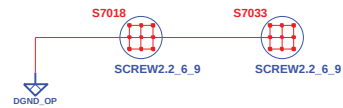
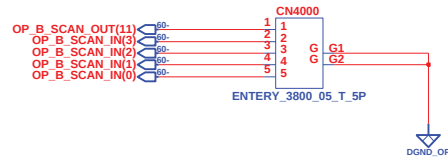
INVENTEC			
TITLE MW14-6.0			
HOTKEY BOARD TO I/O BOARD CONNECTOR			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
SHEET 59		OF 63	
8			

TITLE			
MW14-6.0			
HOTKEY BOARD TO I/O BOARD CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LC5183	X01

CHANGE by	<i>Su Chun-Chi</i>	28-Dec-2005
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CS	LC5183		
SHEET	59	OF	63

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(OPEN)

Option Hotkey Board 1/1

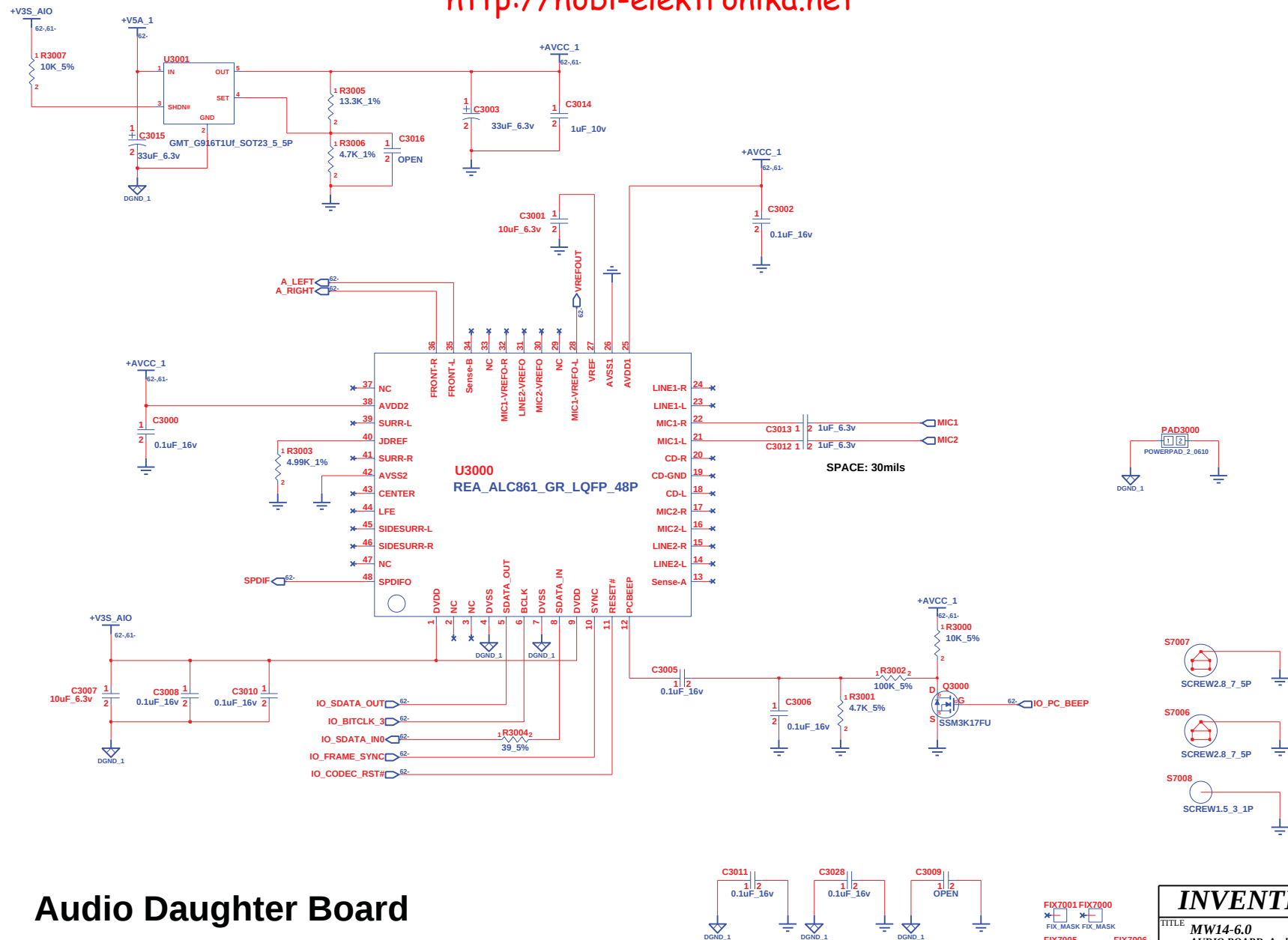
INVENTEC

TITLE **MW14-6.0**
Option Hotkey Board

SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01
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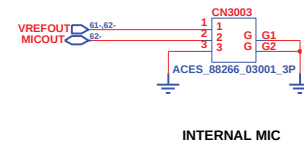
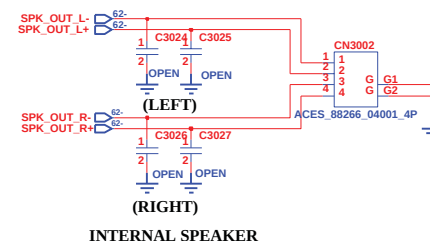
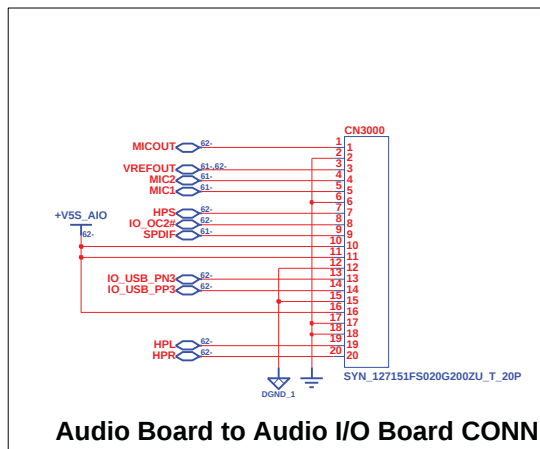
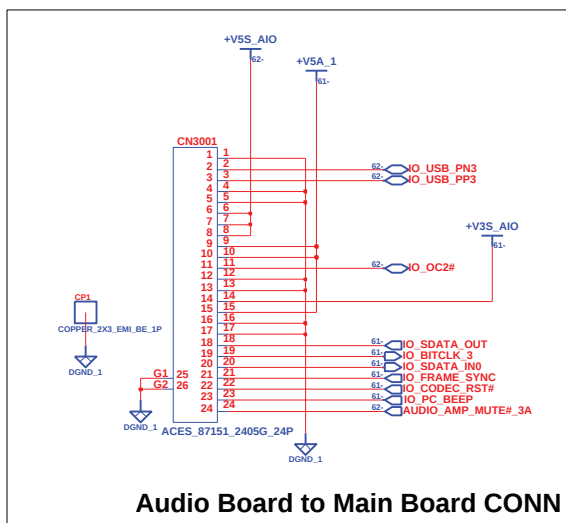
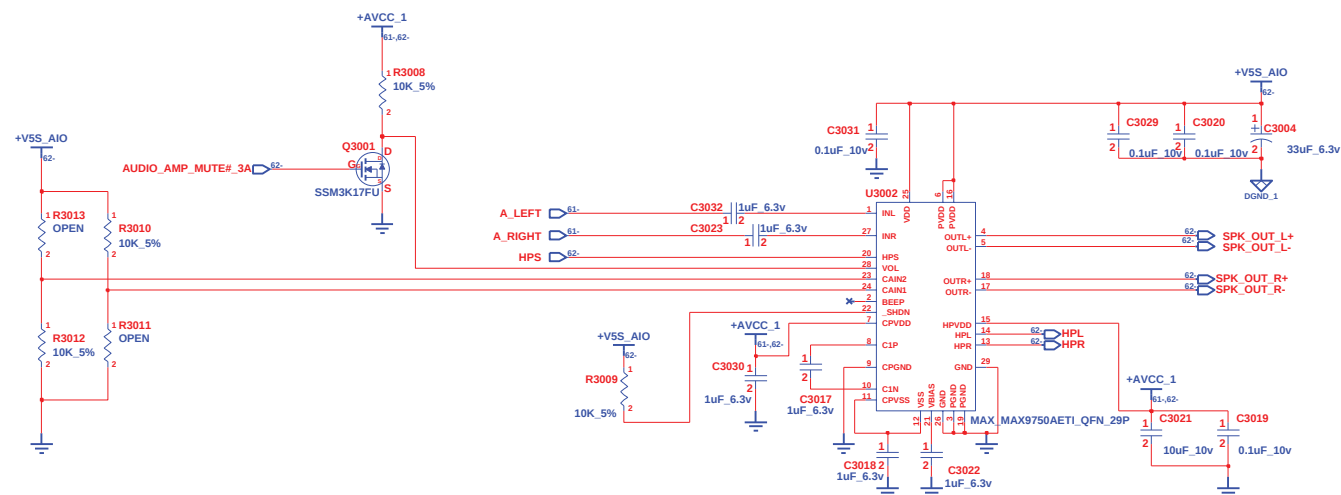
CHANGE by **Su Chun-Chi** 7-Nov-2005

SHEET 60 OF 63



INVENTEC

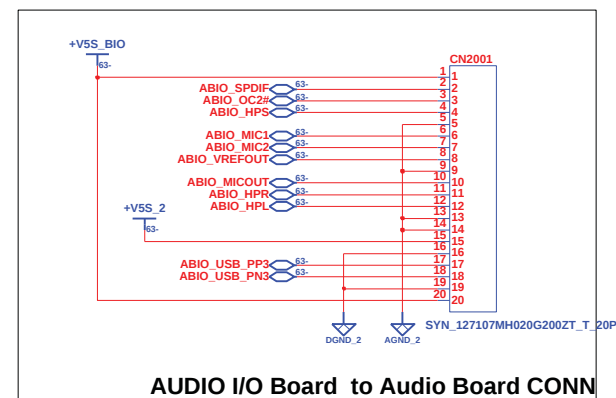
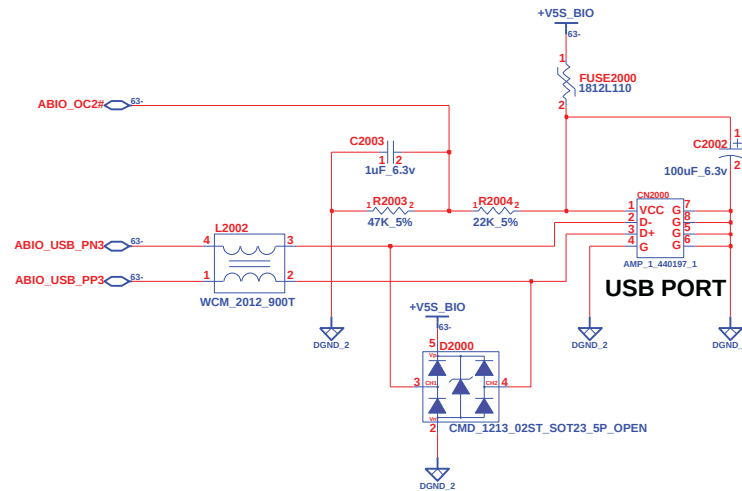
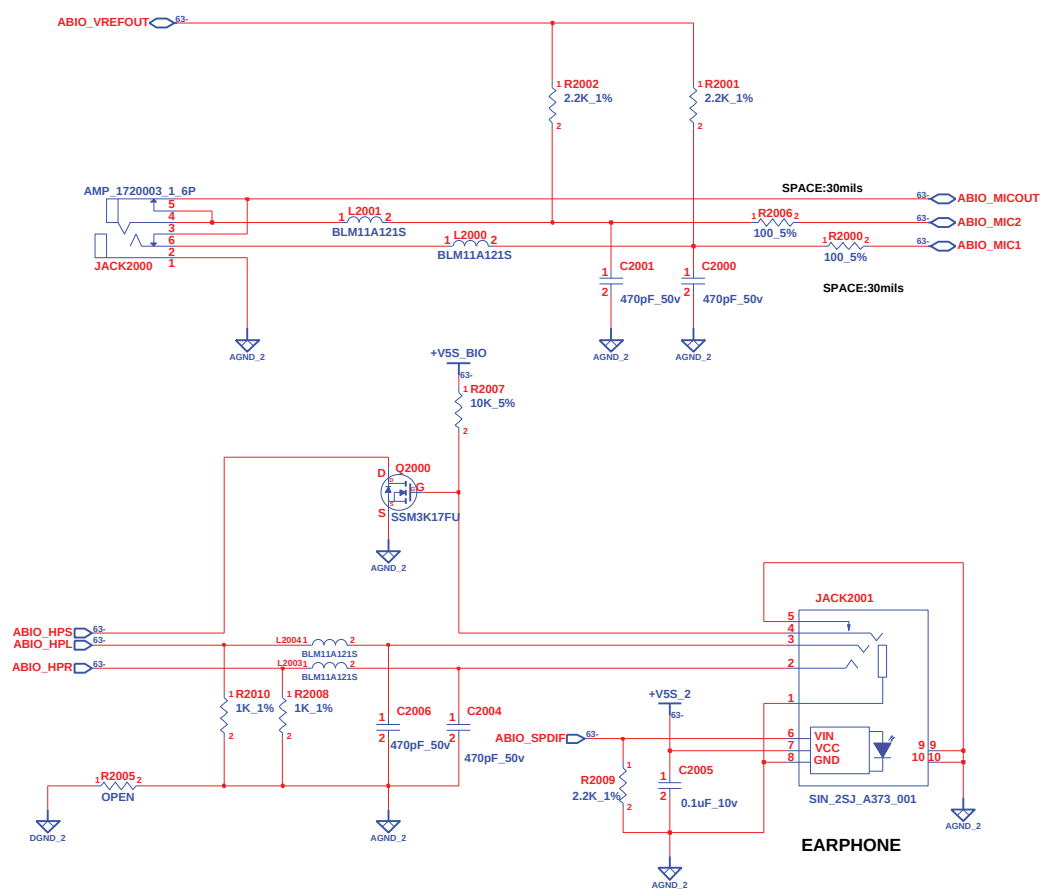
SIZE A3	CODE CS	DOC. NUMBER <i>LC5183</i>	R <i>X</i>
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Audio Daughter Board

INVENTEC			
TITLE MW14-6.0			
AUDIO BOARD_AMP			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01

<http://hobi-elektronika.net>



AUDIO I/O Board to Audio Board CONN
TO PAGE 69

FIX7009 FIX7013 FIX7008
FIX_MASK FIX_MASK FIX_MASK

S7001 S7002
SCREW4_6_1 SCREW4_6_1

Audio I/O Daughter Board

INVENTEC			
TITLE MW14-6.0 AUDIO BOARD_IO			
SIZE A3	CODE CS	DOC. NUMBER LC5183	REV X01

CHANGE by Su Chun-Chi 7-Nov-2005

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