

TABLE OF CONTENTS

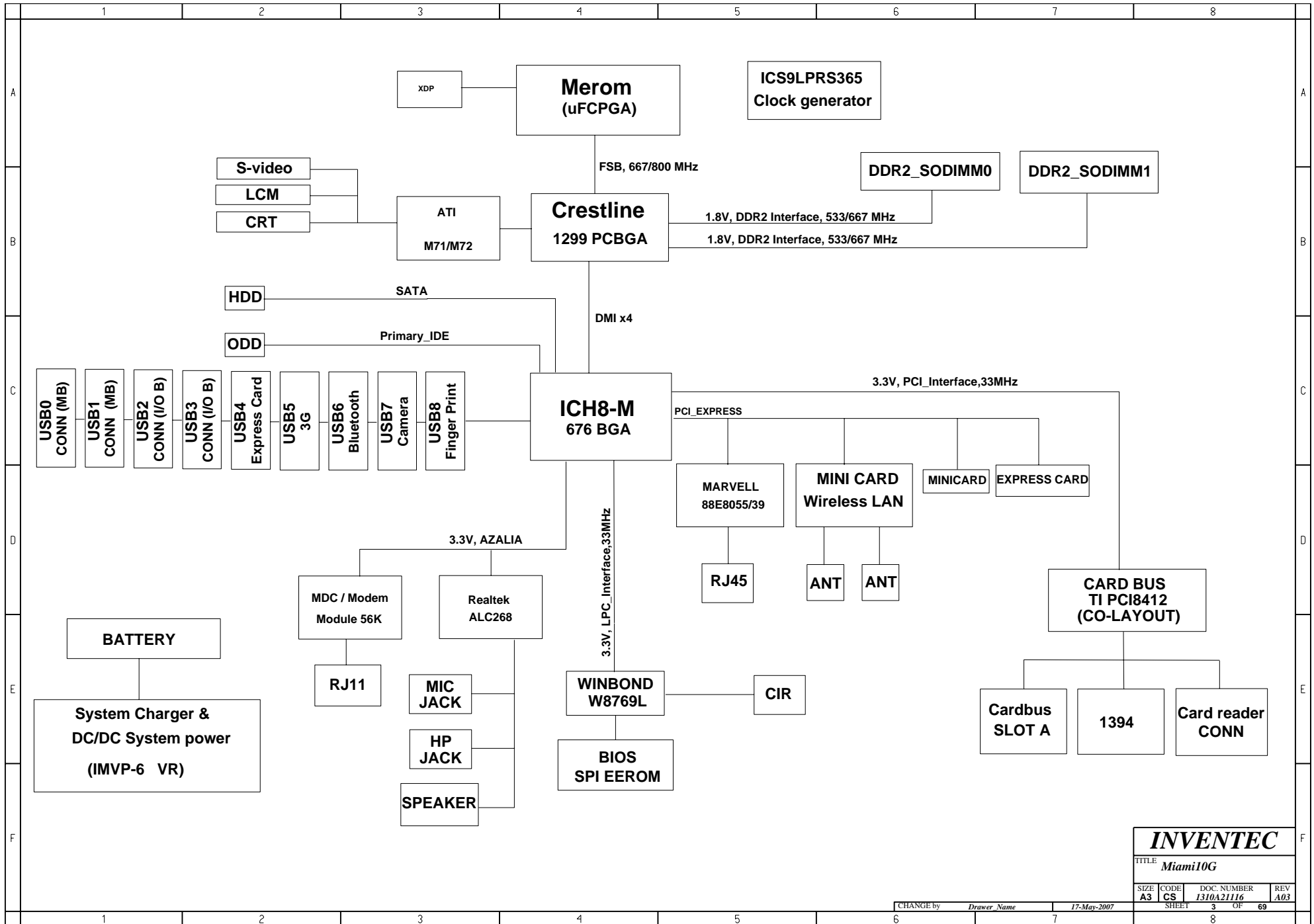
PAGE	PAGE	PAGE
1.COVER PAGE	28.DDR2 DIMM0	54.USB CONN
2.INDEX	29.DDR2 DIMM1	55.BLUE TOOTH CONN
3.BLOCK DIAGRAM	30.DDR2 DAMPING	56.SIM CARD & 3G CONN
4.POWER SEQUENCE BLOCK	31.ATI-M72-M-1	57.SUPER I/O (KBC)
5.DC&BATTERY CHARGER	32.ATI-M72-M-2	58.K/B & TP/B CONN
6.BATTERY CONN	33.ATI-M72-M-3	59.FINGERPRINT & CAMERA CONN & CIR
7.SYSTEM POWER (3V/5V)	34.ATI-M72-M-4	60.AZALIA CODEC
8.SYSTEM POWER (+V1.8S/+V0.9S)	35.ATI-M72-M-5	61.AUDIO AMP & MIC & HP
9.SYSTEM POWER (+V1.5S/+V1.25S)	36.VRAM DDR2-1	62.MDC 1.5 CONN
10.+VCCP/+VGA_VDD/+VPCIE	37.VRAM DDR2-2	63.KILL & LIDSWITCH & LED
11.+VDD_CORE	38.LCD CONN	64.CRT & SVIDEO DB
13.+VCC_CORE/VCORE_EN/PM_PWROK	39.S/B ICH8 1	65.USB (DB)
14.POWER (SLEEP)	40.S/B ICH8 2	67.PICK BUTTON BOARD
15.CLOCK GENERATOR	41.S/B ICH8 3	68.EMI
16.CPU Merom1	42.S/B ICH8 4	69.DRILL HOLE
17.CPU Merom2	43.S/B ICH8 5	
18.CPU Merom3	44.CARDBUS CONTROLLER	
19.CPU Merom4	45.PCMCIA CONN	
20.FAN & THERMAL CONTROLLER	46.5 IN 1 CARD SLOT	
21.N/B Calistoga 1	47.1394 CONTROLLER	
22.N/B Calistoga 2	48.EXPRESS CARD CONN	
23.N/B Calistoga 3	49.LAN CONTROLLER	
24.N/B Calistoga 4	50.RJ11/45 & TRANSFORMER	
25.N/B Calistoga 5	51.WLAN MINI CARD CONN	
26.N/B Calistoga 6	52.SATA HDD CONN	
27.N/B Calistoga 7	53.ODD CONN	

INVENTEC

TITLE *Miami10G*

SIZE A3	CODE CS	DOC. NUMBER <i>1310A21116</i>	REV A03
SHEET 2		OF 69	

CHANGE by *Drawer Name* 17-May-2007



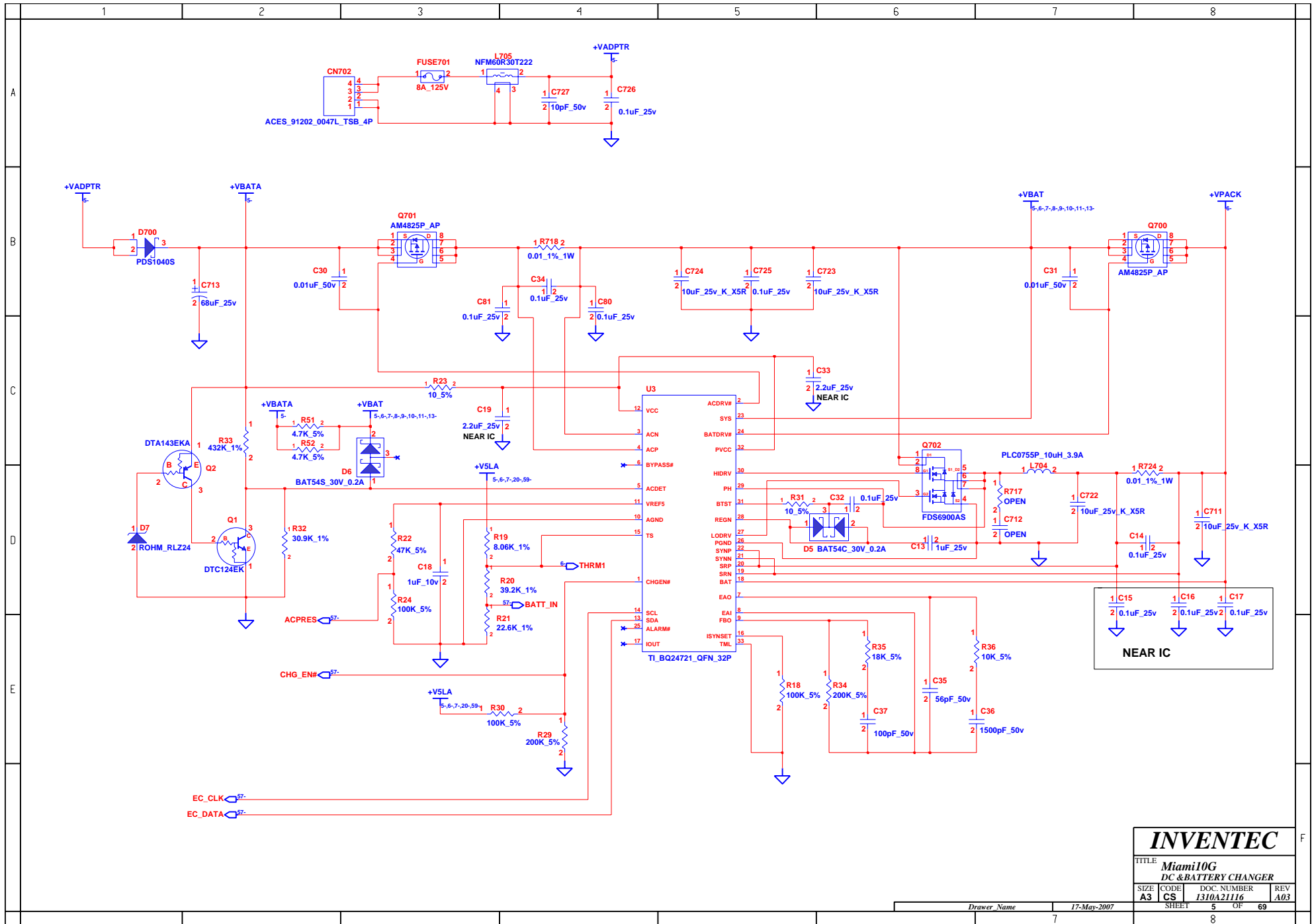
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TITLE **Miami10G**

SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
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CHANGE by *Drawer Name* 17-May-2007

SHEET 3 OF 69



INVENTEC

TITLE: Miami10G
DC & BATTERY CHANGER
SIZE CODE CS DOC. NUMBER 1310A21116 REV A03

Drawer Name 17-May-2007

7

SHEET 5 OF 69

8

The schematic diagram illustrates the electrical connections for the Miami10G BATTERY CONN. It is divided into two main sections: the top section for +V3LA, +VPACK, and +V5LA, and the bottom section for +VBAT and +V5LA.

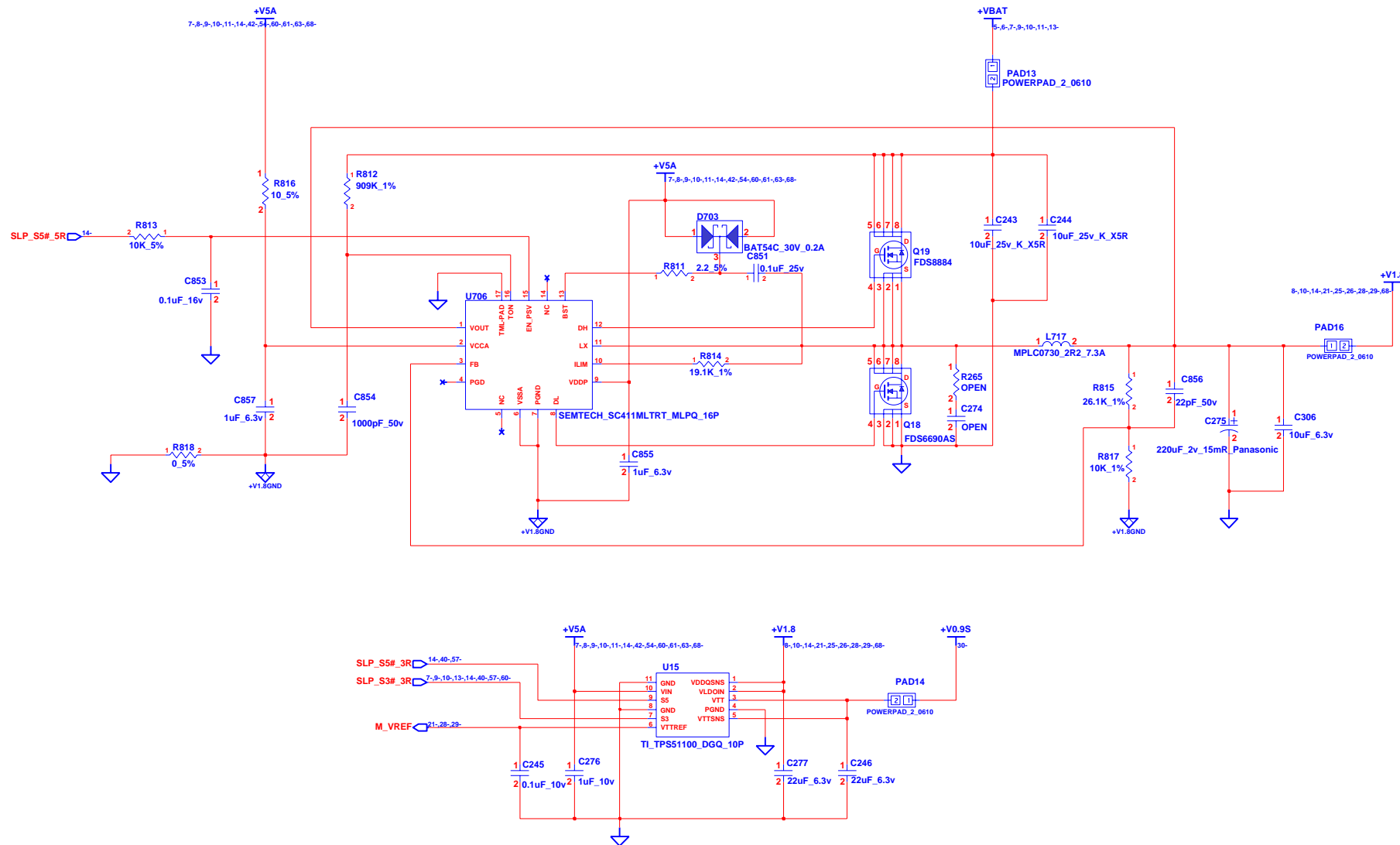
Top Section:

- +V3LA:** Connected to pin 7 (20, 39, 57, 63) through resistor R3017 (47K_5%).
- +VPACK:** Connected to pin 5.
- BATT_ID:** Connected to pin 57.
- THRM1:** Connected to pin 5.
- BATT_DATA:** Connected to pin 20 (57).
- BATT_CLK:** Connected to pin 20 (57).
- R17:** 1K_5% resistor connected between BATT_ID and BATT_DATA.
- D3013:** Diode connected between BATT_ID and BATT_DATA.
- CHENMKO_BAT54_3P:** Battery pack connected between BATT_ID and BATT_DATA.
- FUSE700:** LITTLEFUSE_R451015_15A_65V fuse connected between +VPACK and BATT_ID.
- CN701:** Connector with pins 1-9 connected to BATT_ID, BATT_DATA, BATT_CLK, and BATT_VBAT.
- ALLTOP_C1445G5_109A1_L_9P:** Connector with pins 1-9 connected to BATT_ID, BATT_DATA, BATT_CLK, and BATT_VBAT.
- C12:** 1000pF_50v capacitor connected between BATT_ID and BATT_DATA.
- D2, D1, D3:** EZJZ0V120JA diodes connected between BATT_ID and BATT_DATA.

Bottom Section:

- +VBAT:** Connected to pins 5, 7, 8, 9, 10, 11, 13.
- R495:** 1M_5% resistor connected between +VBAT and BATT_ID.
- R496:** 56.2K_1% resistor connected between +VBAT and BATT_DATA.
- R494:** 180K_1% resistor connected between +VBAT and BATT_CLK.
- CS14:** 180K_1% capacitor connected between +VBAT and BATT_CLK.
- U44:** GMT_G680LT1_SOT23_5P chip connected between +VBAT and BATT_ID.
- C493:** 0.1uF_10v capacitor connected between +VBAT and BATT_ID.
- +V5LA:** Connected to pins 5, 7, 20, 59.
- +V5AUXON:** Connected to pin 7 (57).

TITLE			
<i>Miami10G</i> <i>BATTERY CONN</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21116	A03
SHEET 6 OF 69			



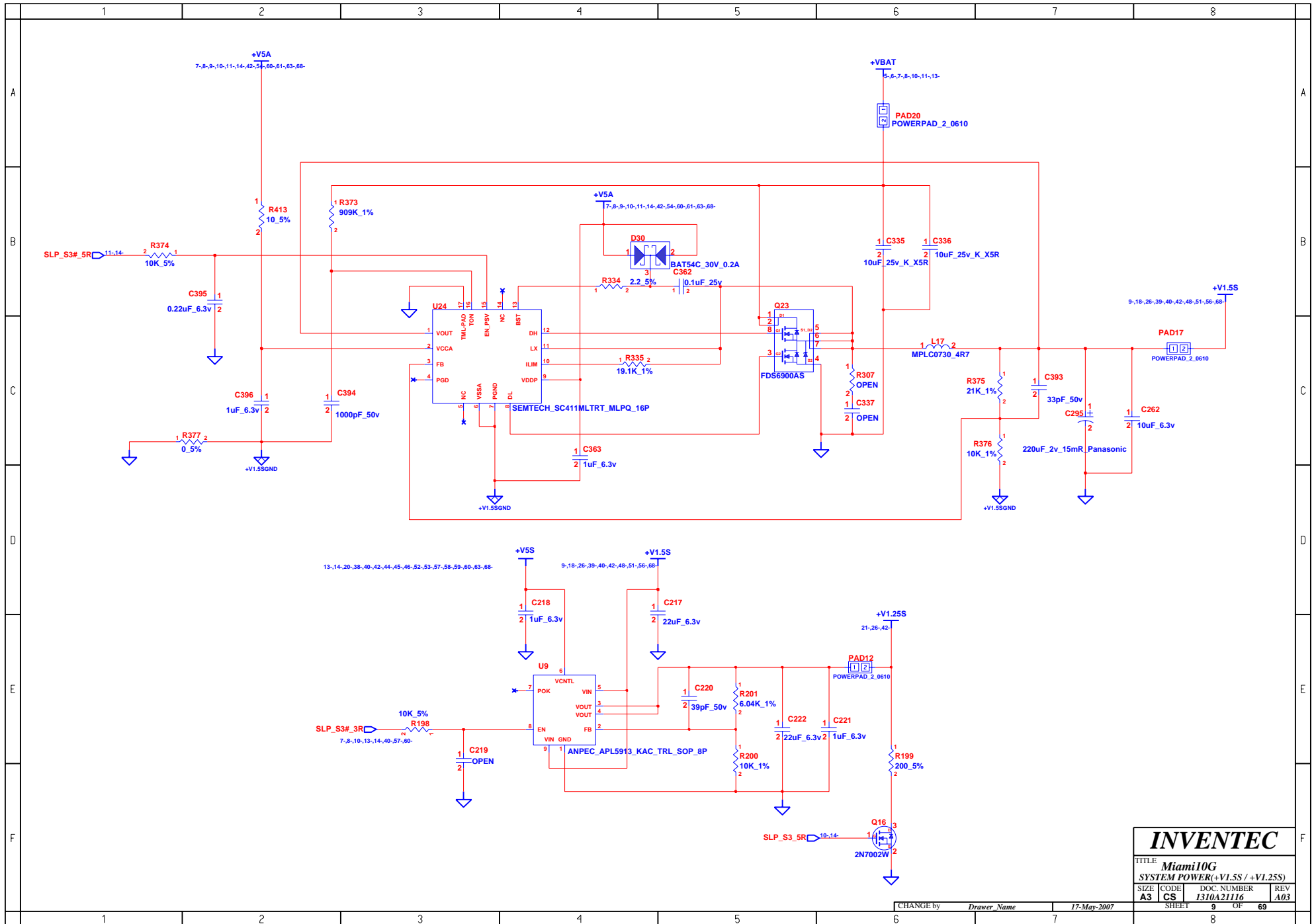
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TITLE
Miami10G
SYSTEM POWER (+V1.8 / +V0.9S)

SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
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CHANGE by *Drawer Name* 17-May-2007

SHEET 8 OF 69

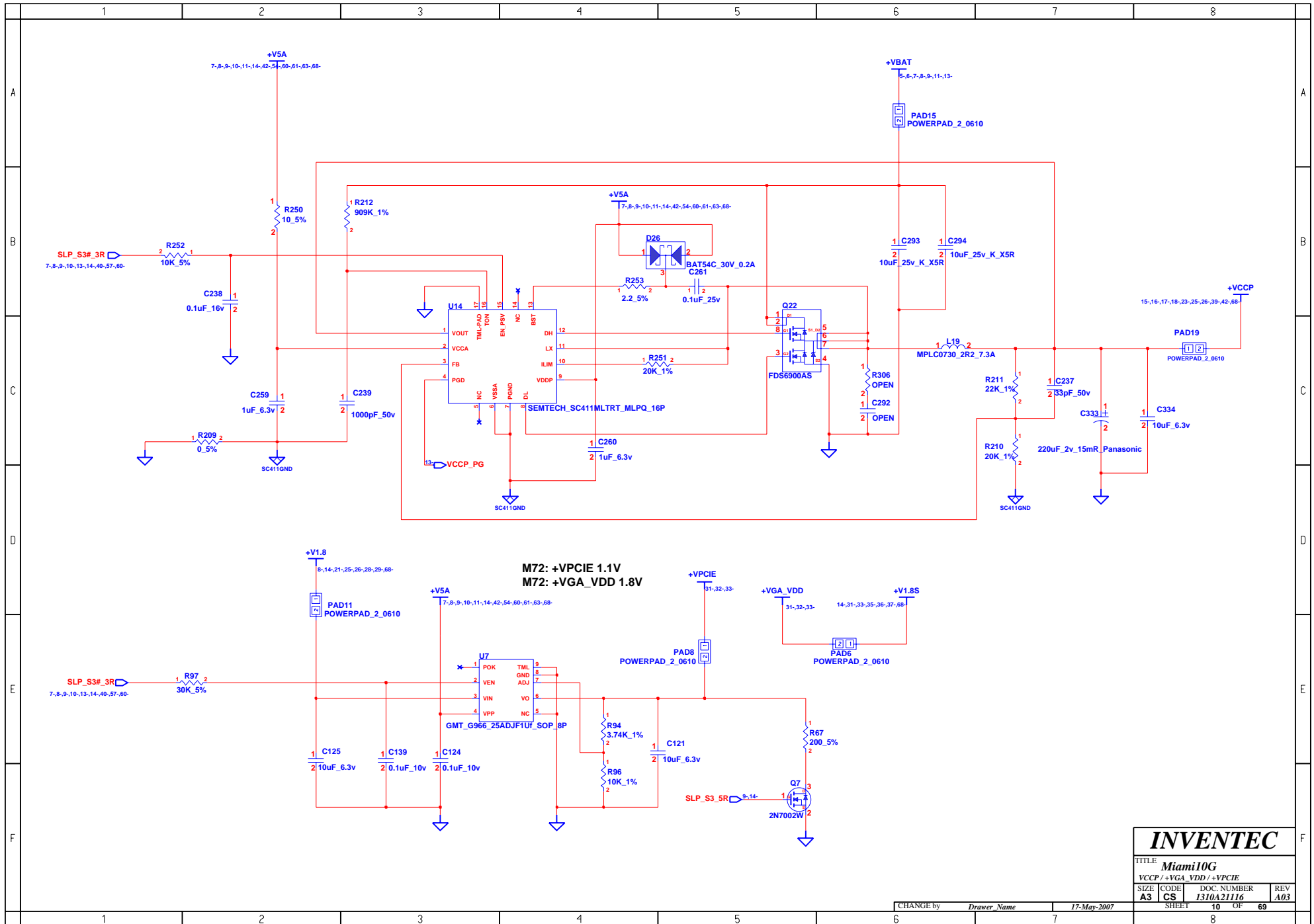


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TITLE			
Miami10G			
SYSTEM POWER(+V1.5S / +V1.25S)			
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A3	CS	I310A21116	A03

CHANGE by *Drawer Name* 17-May-2007

SHEET 9 OF 69



INVENTEC

TITLE			
Miami10G			
VCCP / +VGA_VDD / +VPCIE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21116	A03

CHANGE by: Drawer Name 17-May-2007

SHEET 10 OF 69

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
						CHANGE by <i>Drawer Name</i>		17-May-2007	
1	2	3	4	5	6	7	8		

INVENTEC

TITLEMiami10G

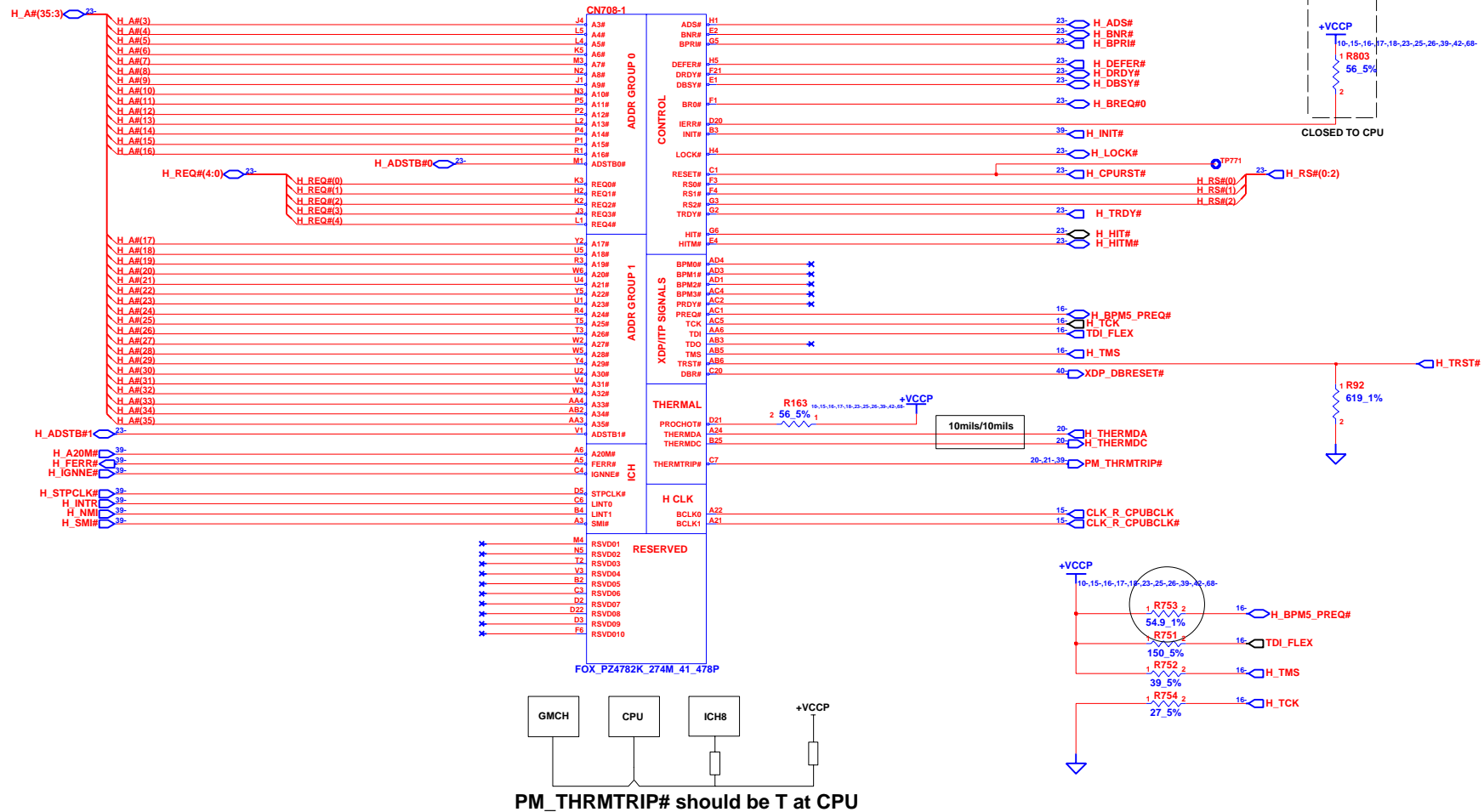
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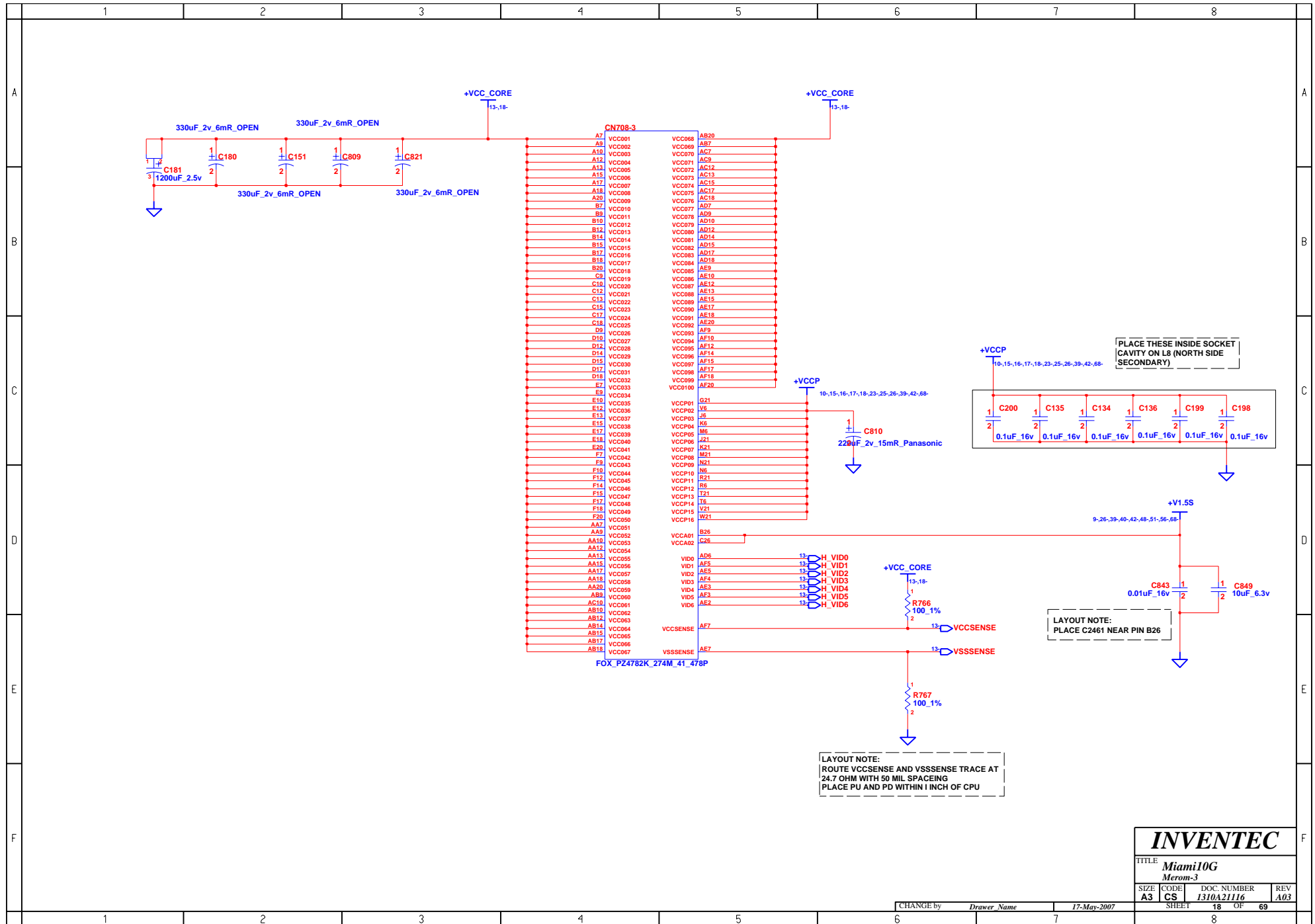
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REV A03

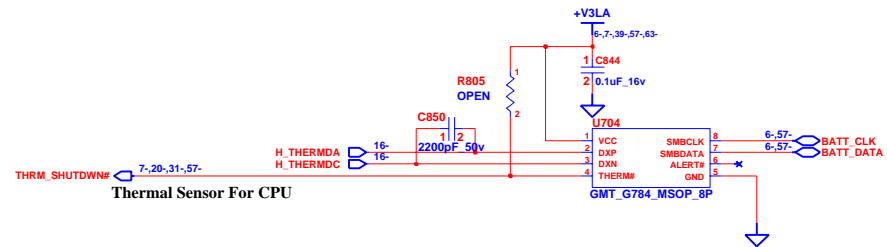
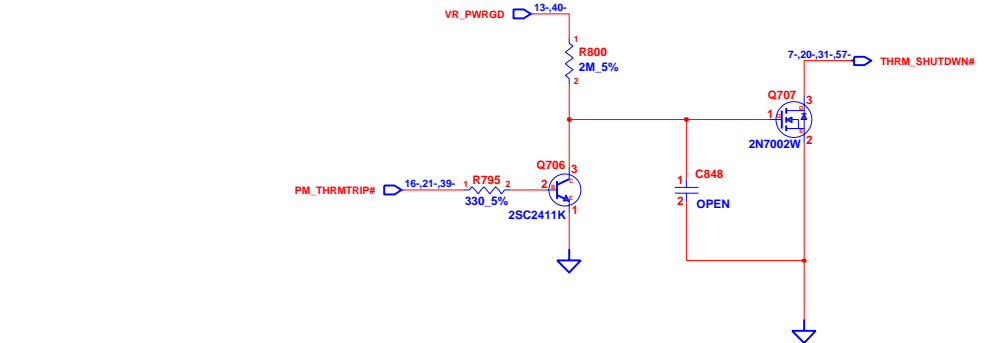
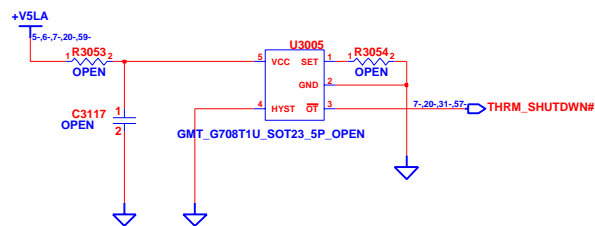
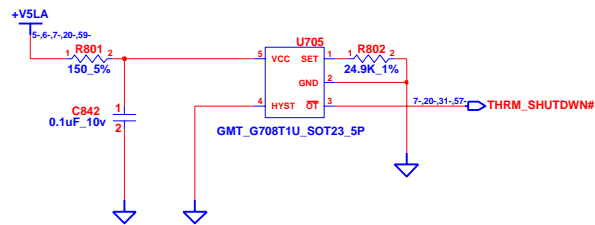
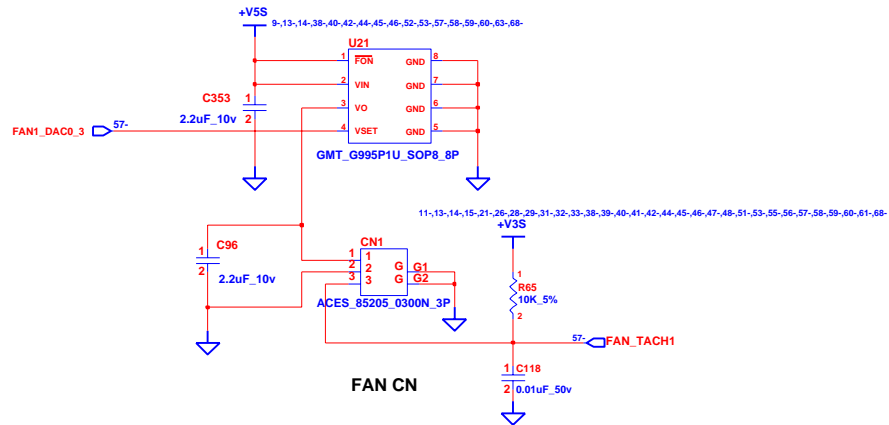
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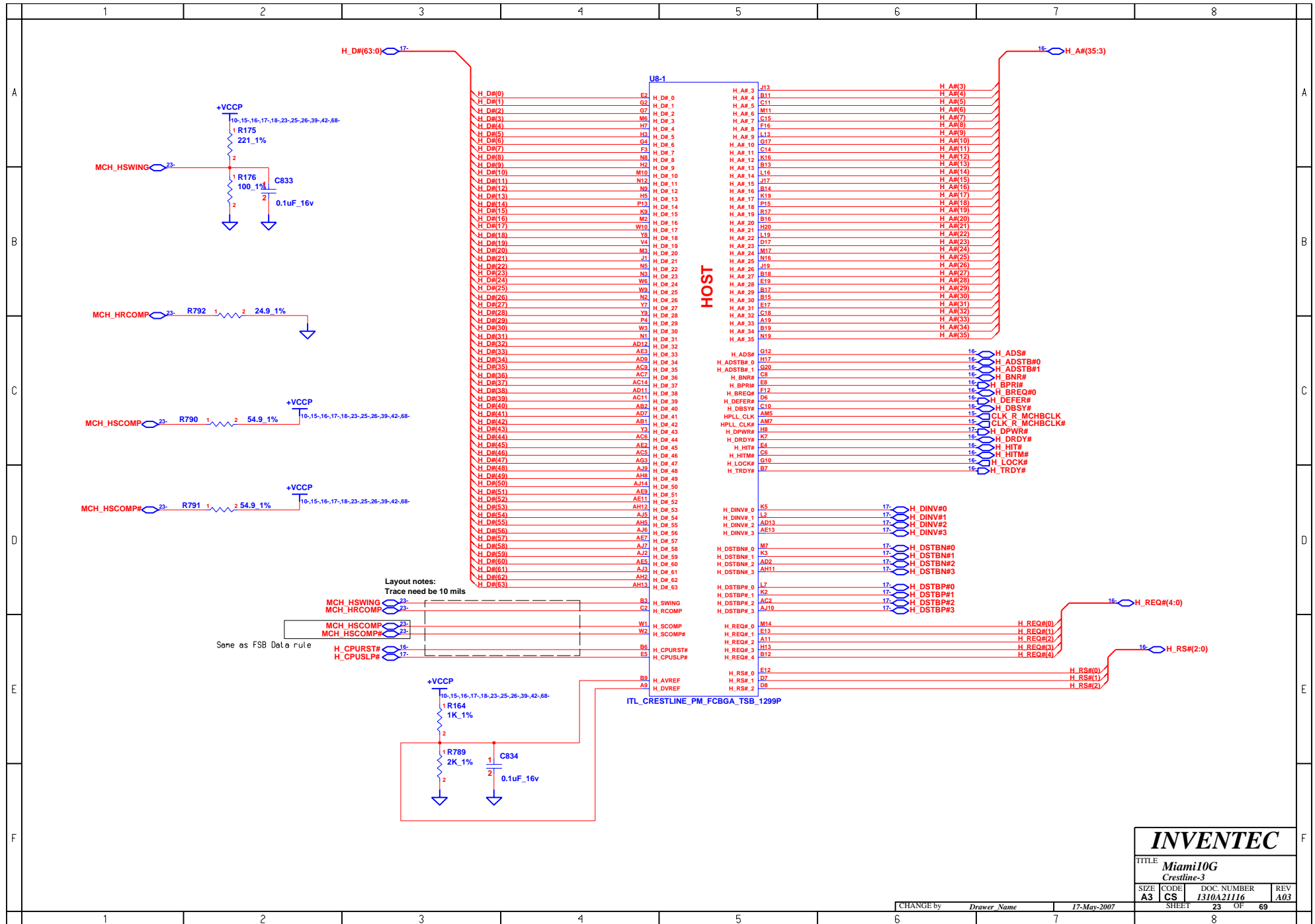
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SHEET		18	OF 69

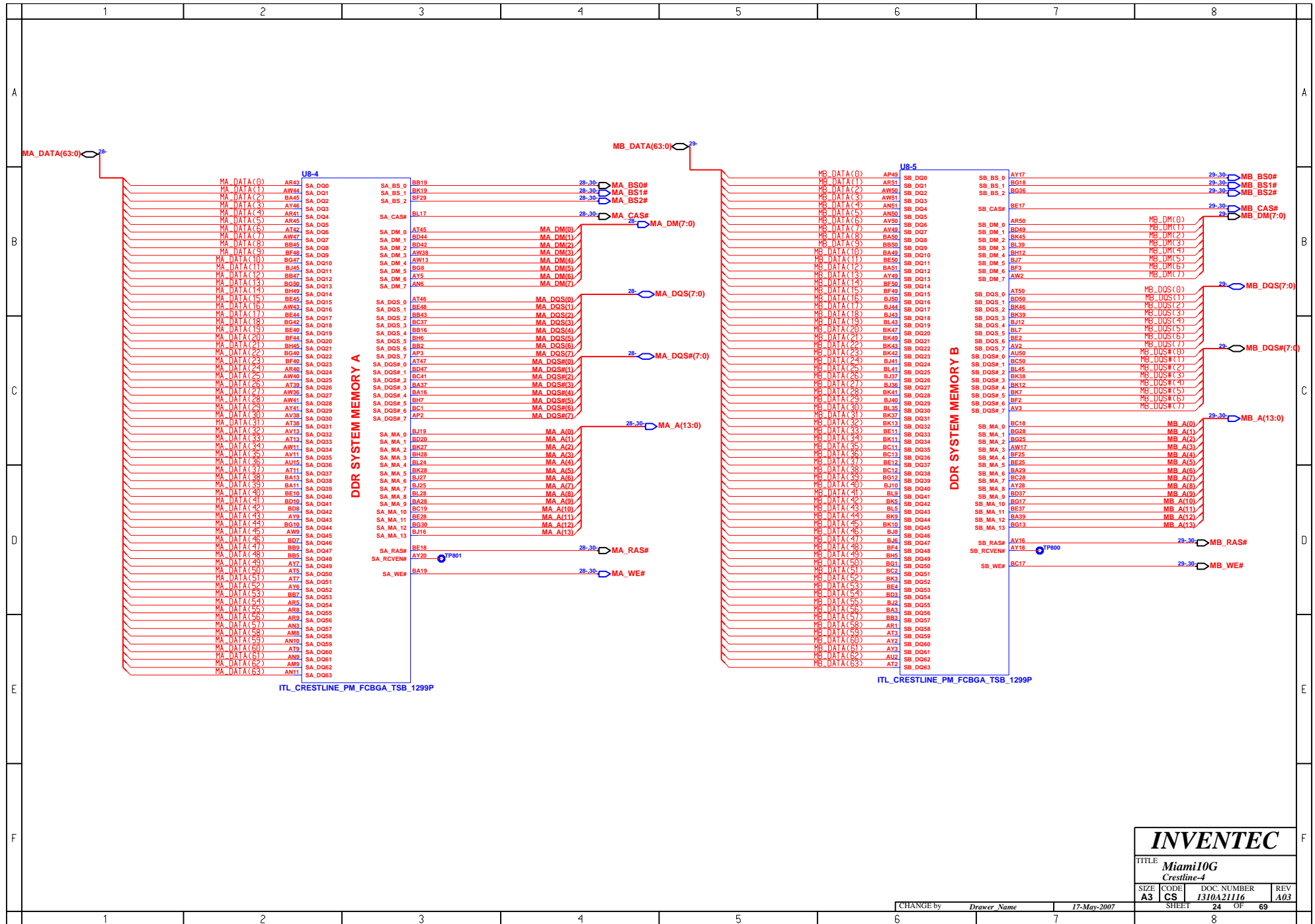


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TITLE			
Miami10G			
THERMAL&FAN CONTROLLER			
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CHANGE by *Drawer Name* 17-May-2007

SHEET 20 OF 69





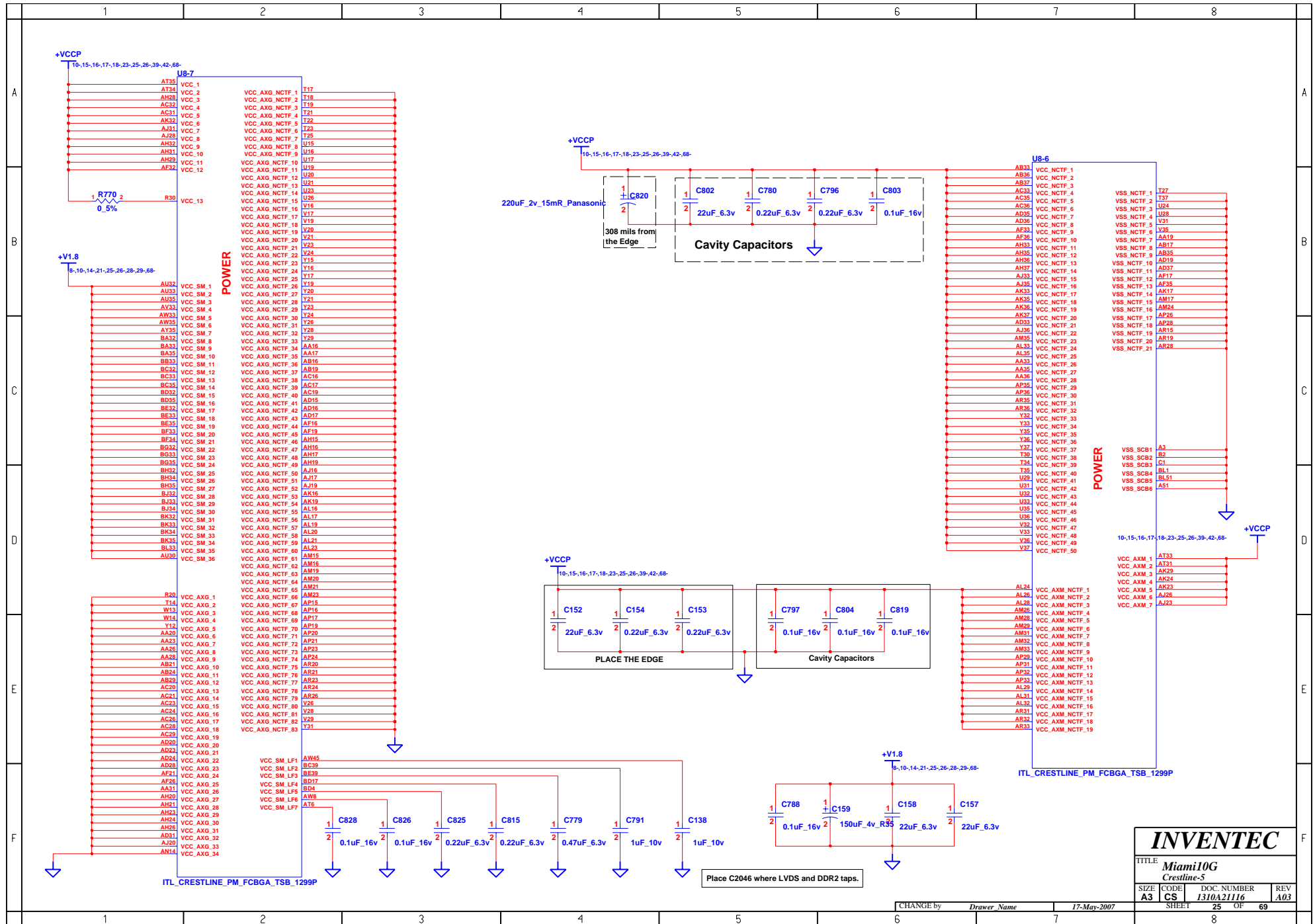
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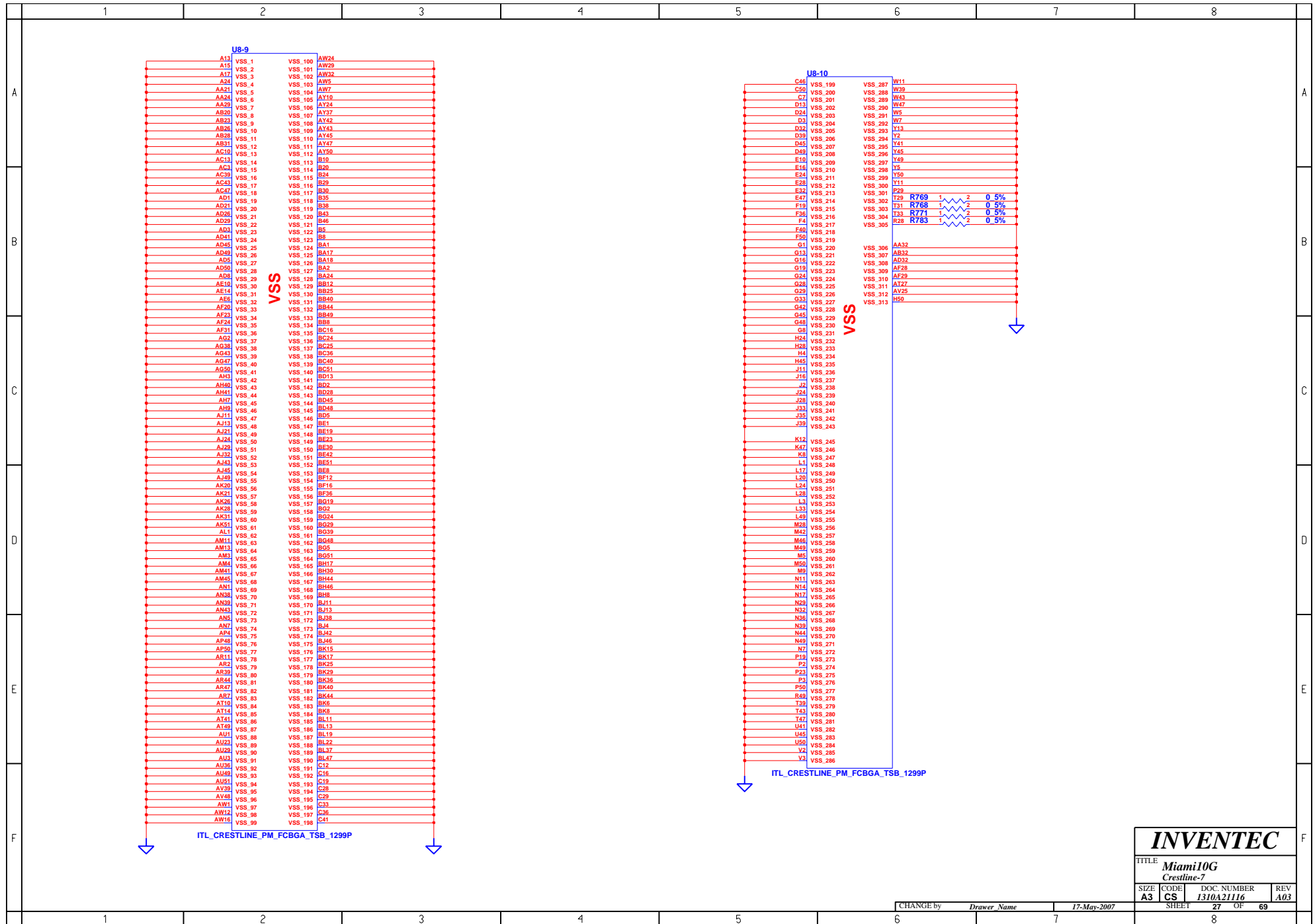
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Crestline-4

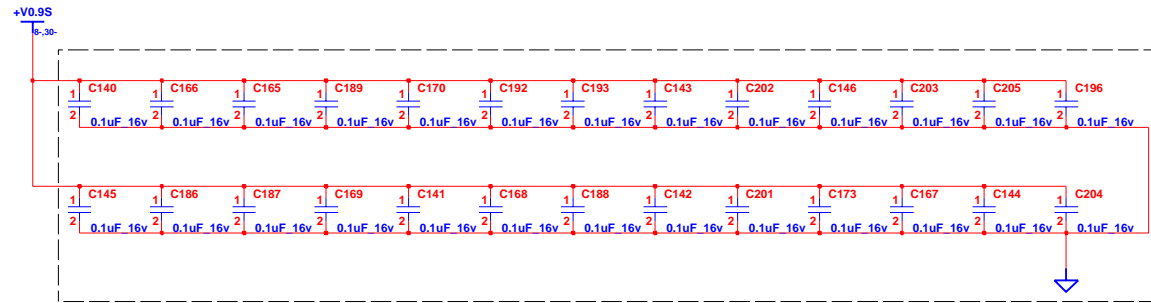
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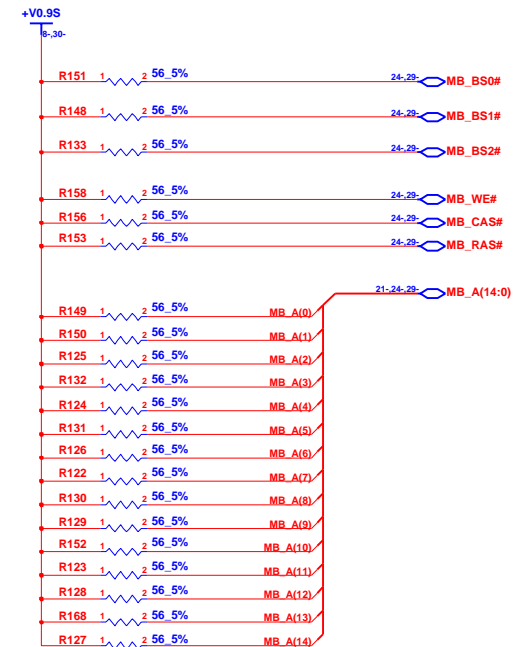
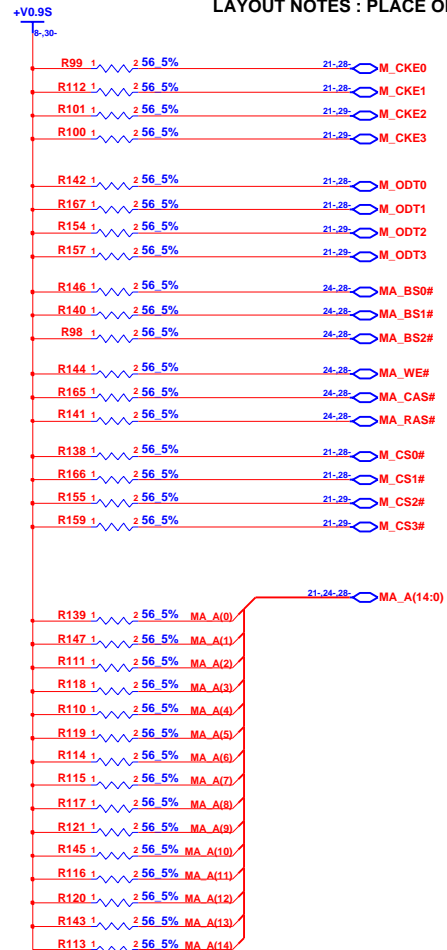
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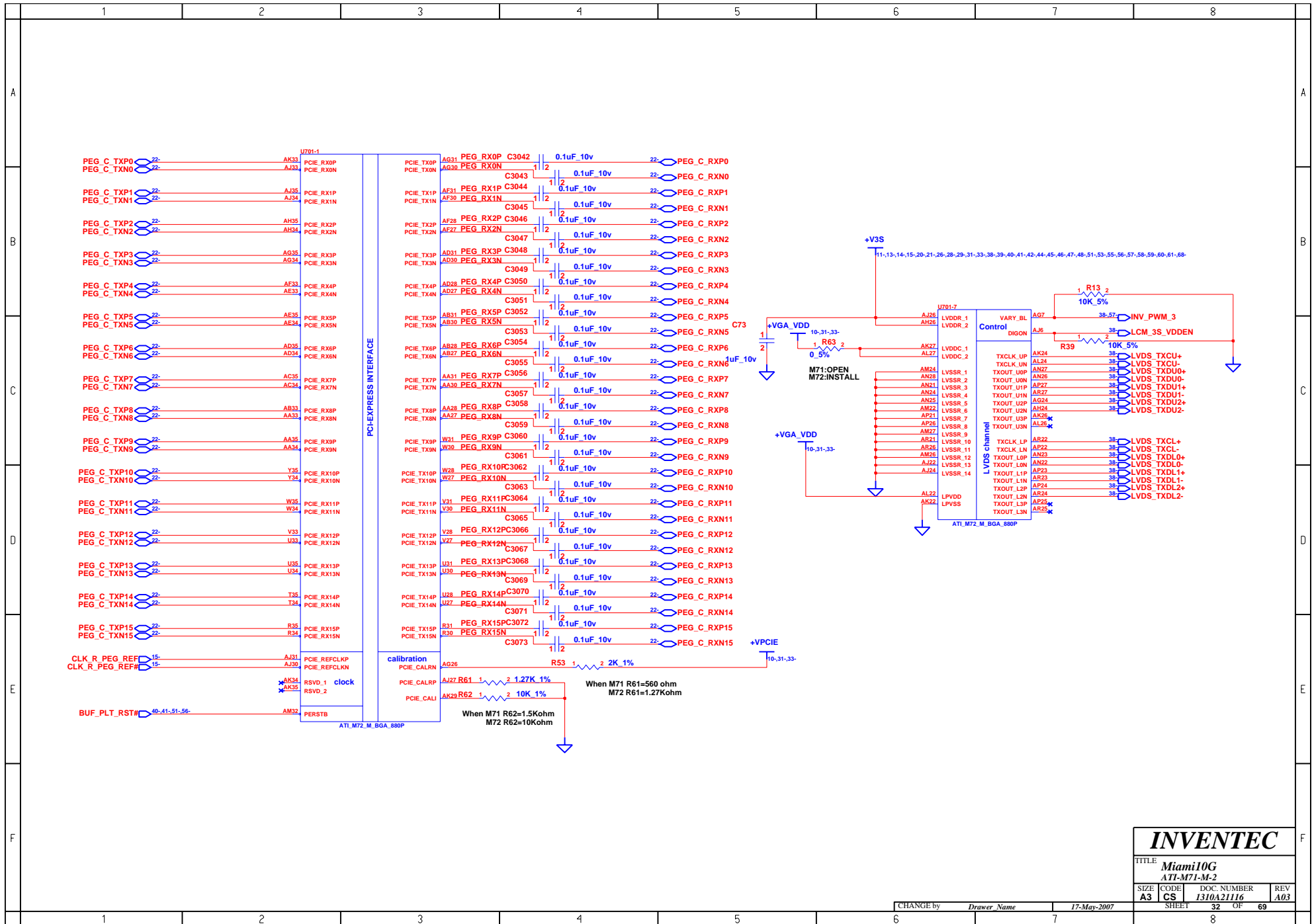


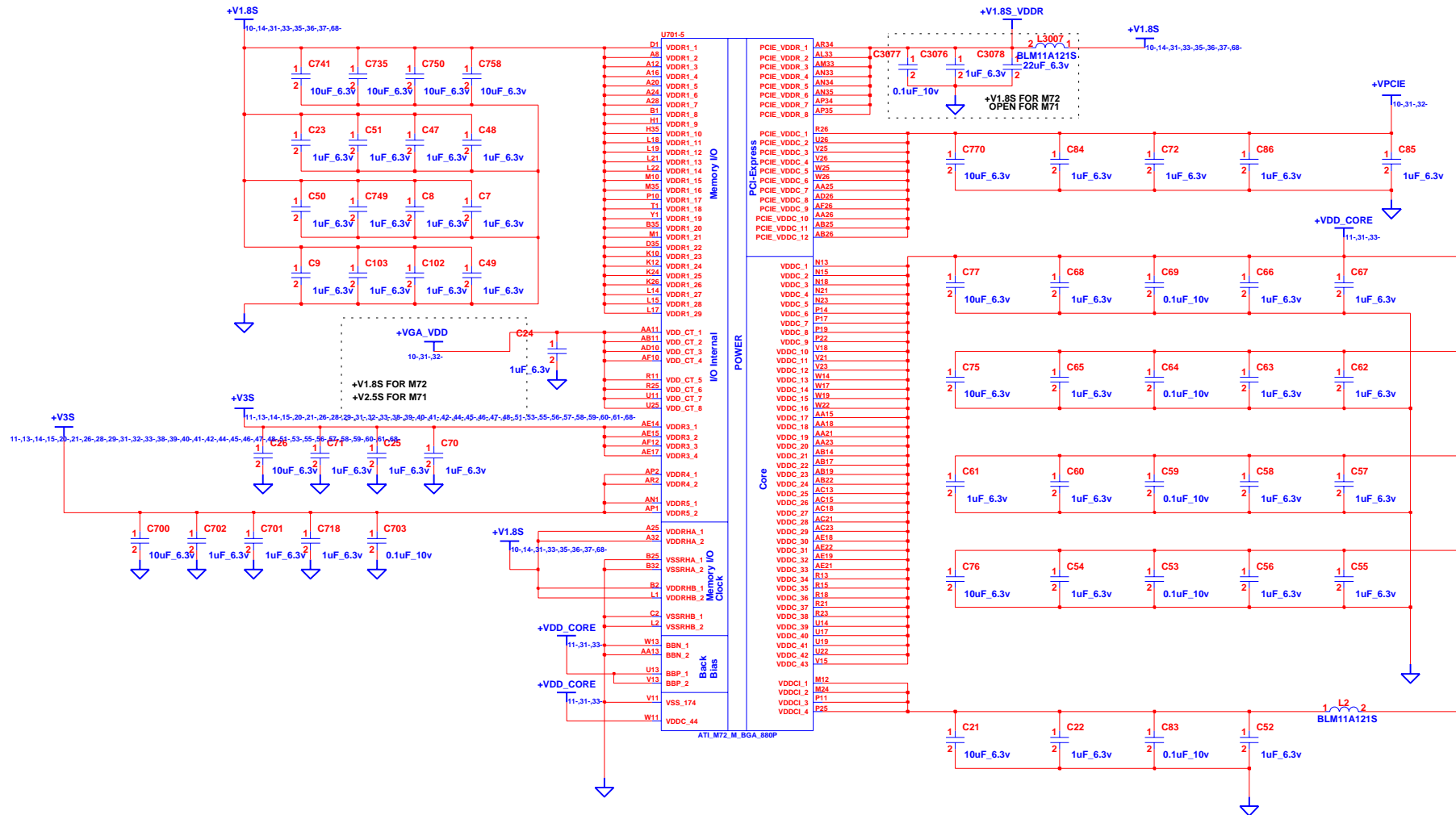


LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S



INVENTEC			
TITLE Miami10G DDR2-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER 1310A21116	REV A03
CHANGE by Drawer Name		17-May-2007	
SHEET 30		OF 69	





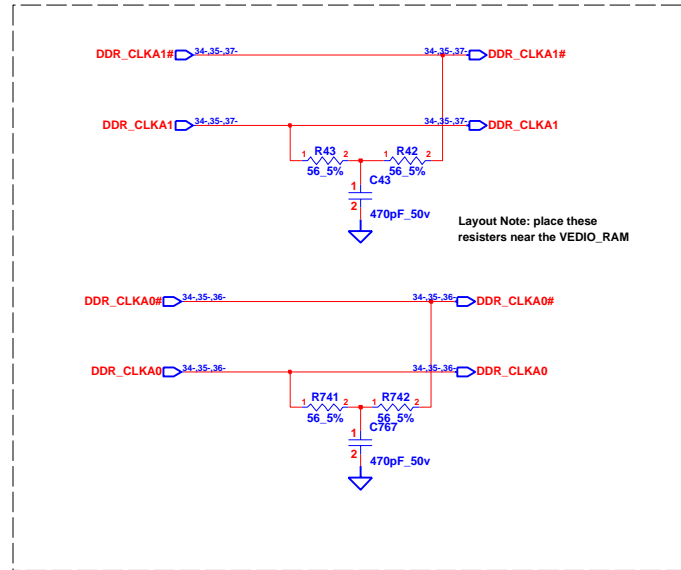
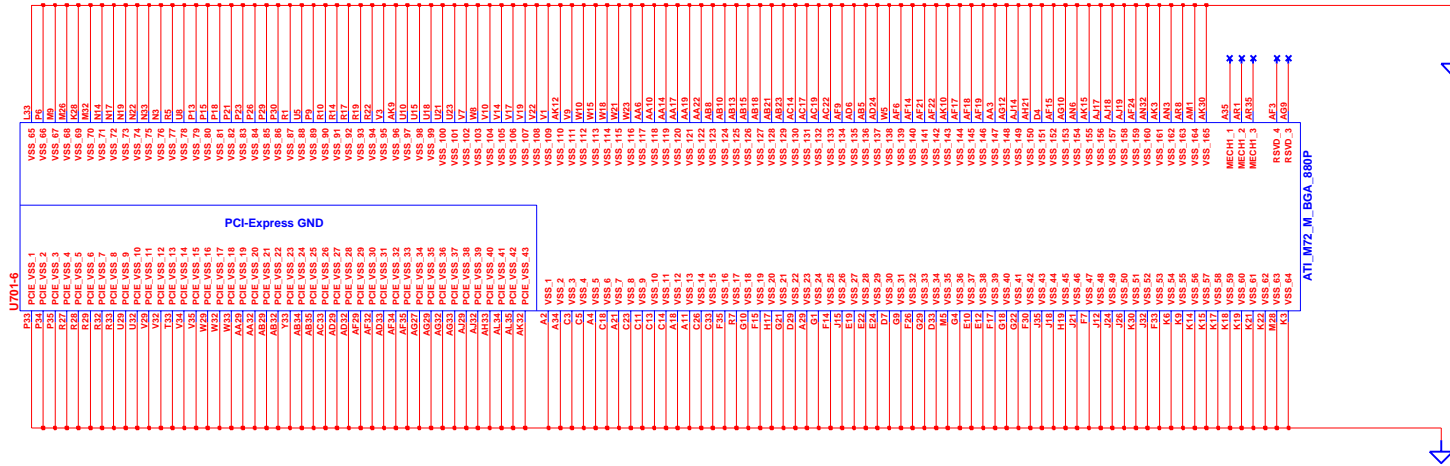
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TITLE
Miami10G
ATI-M71-M-3

SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
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CHANGE by *Drawer Name* 17-May-2007

SHEET 33 OF 69



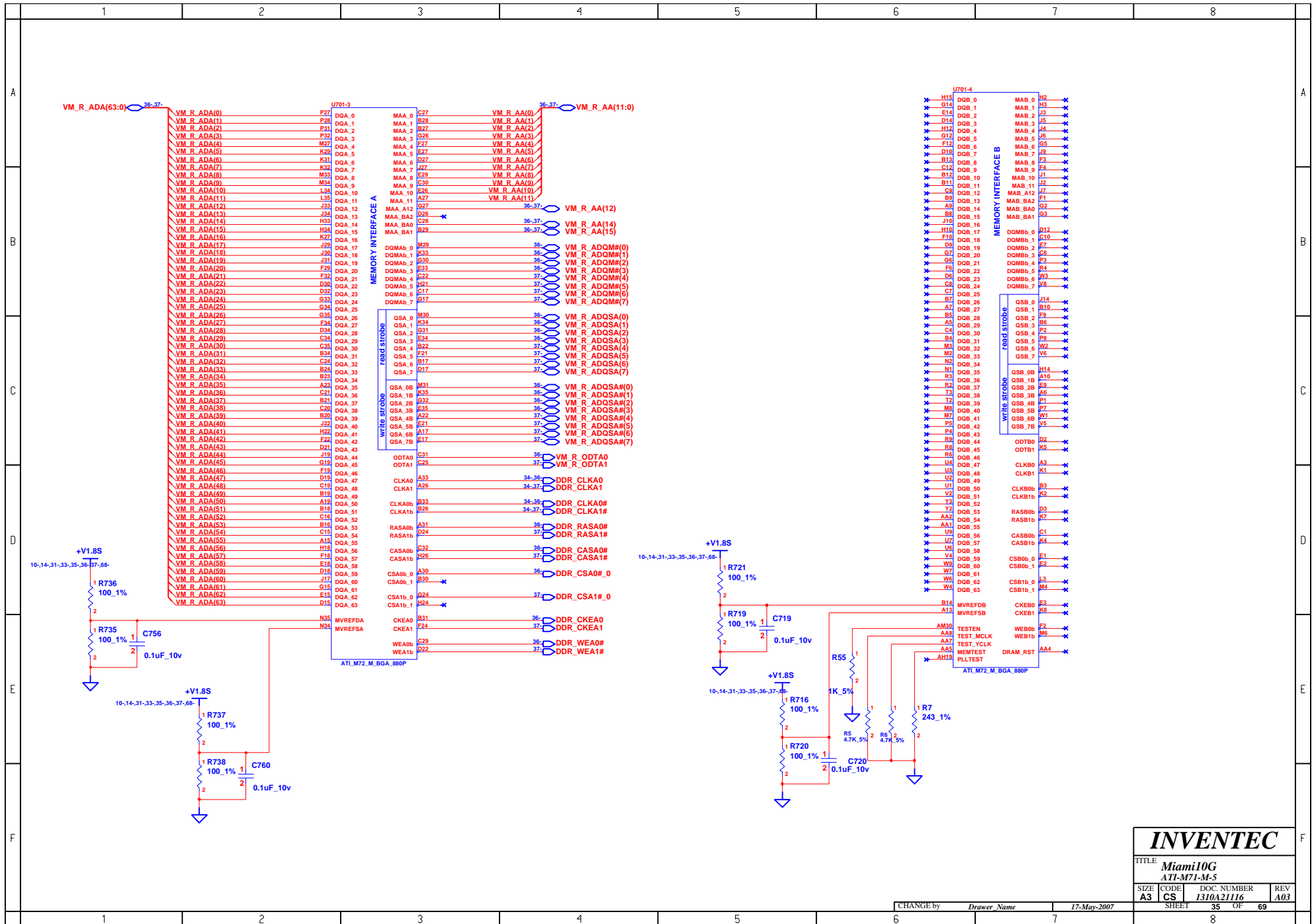
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TITLE
Miami10G
ATI M71-M-4VGA DAMPING

SIZE CODE DOC. NUMBER REV
A3 CS 1310R0000 A03

CHANGE by *Drawer Name* 17-May-2007

SHEET 34 OF 69



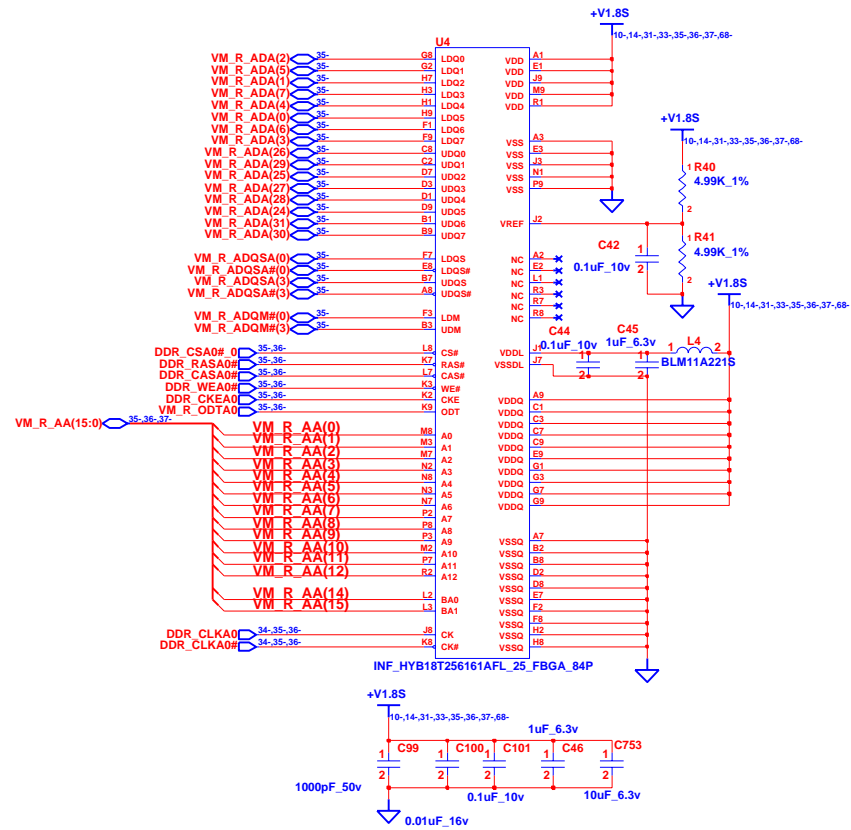
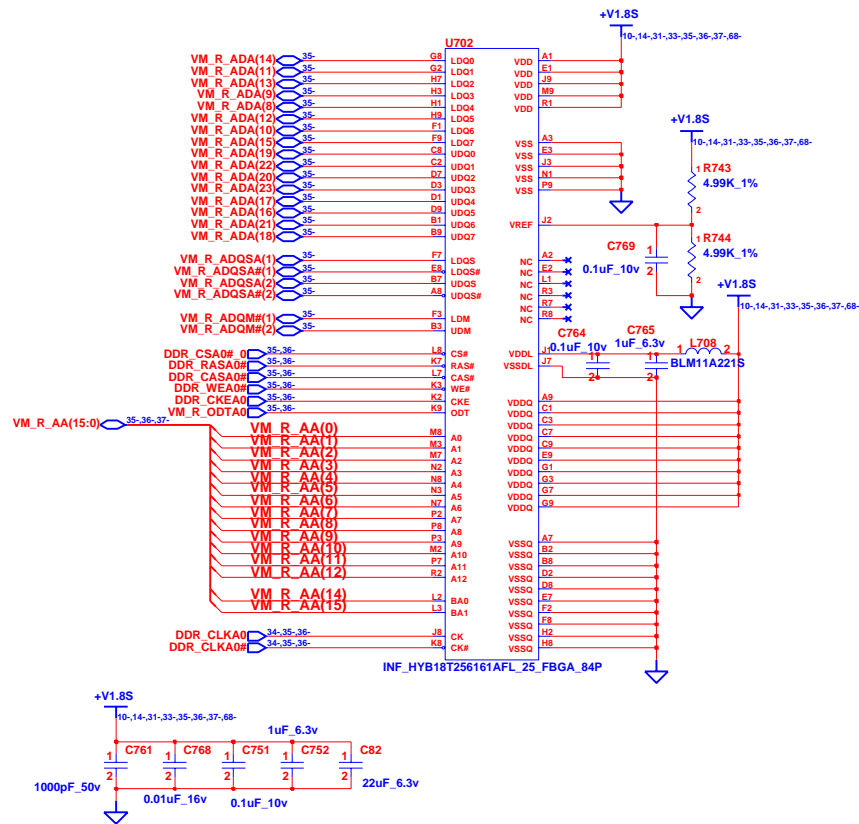
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TITLE
Miami10G
ATI-M71-M-5

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21116	A03

CHANGE by *Drawer Name* 17-May-2007

SHEET 35 OF 69



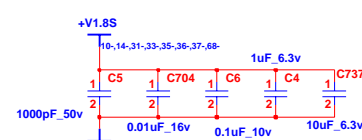
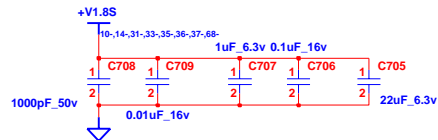
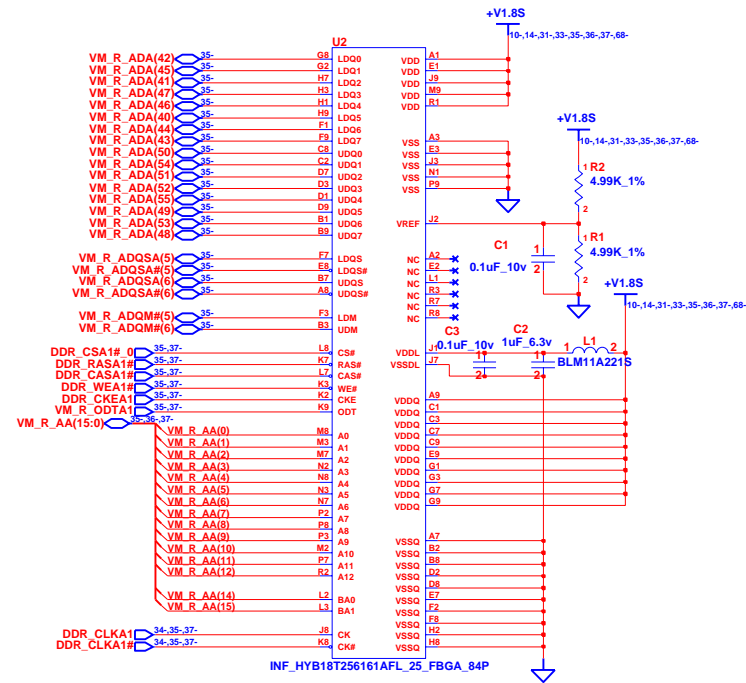
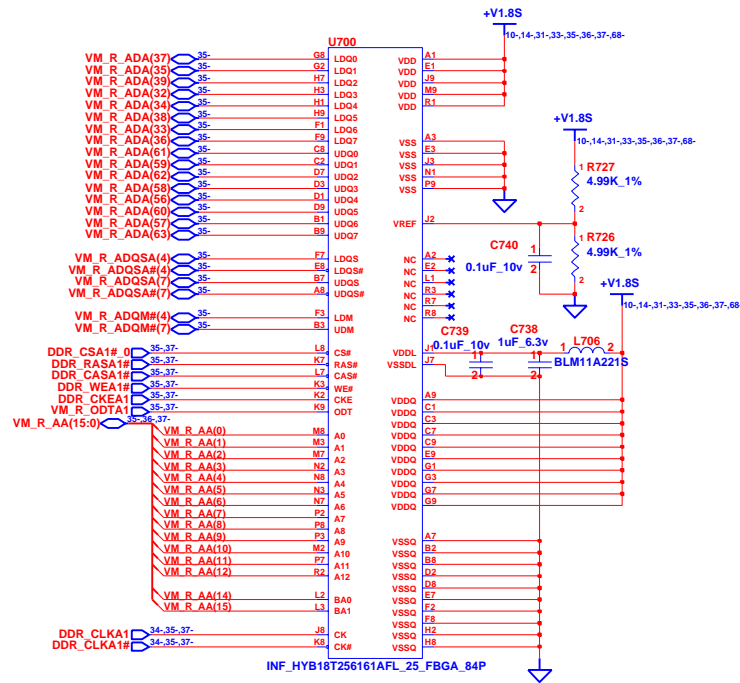
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TITLE
**Miami10G
VRAM DDR2-1**

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SHEET 36 OF 69

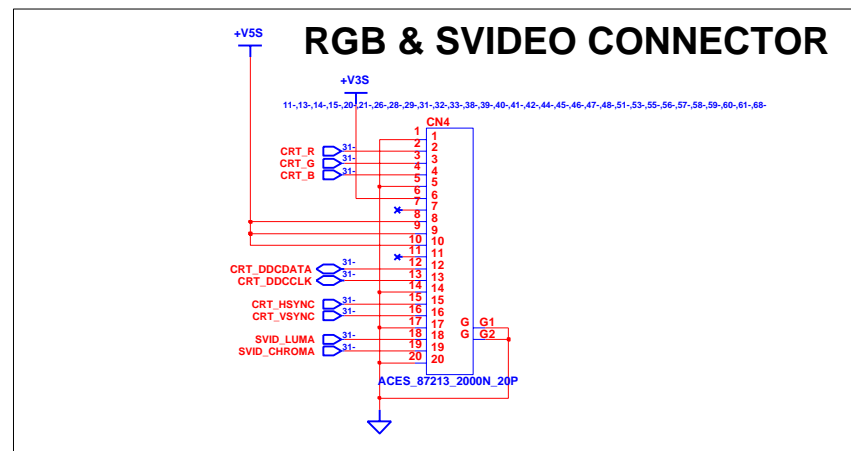
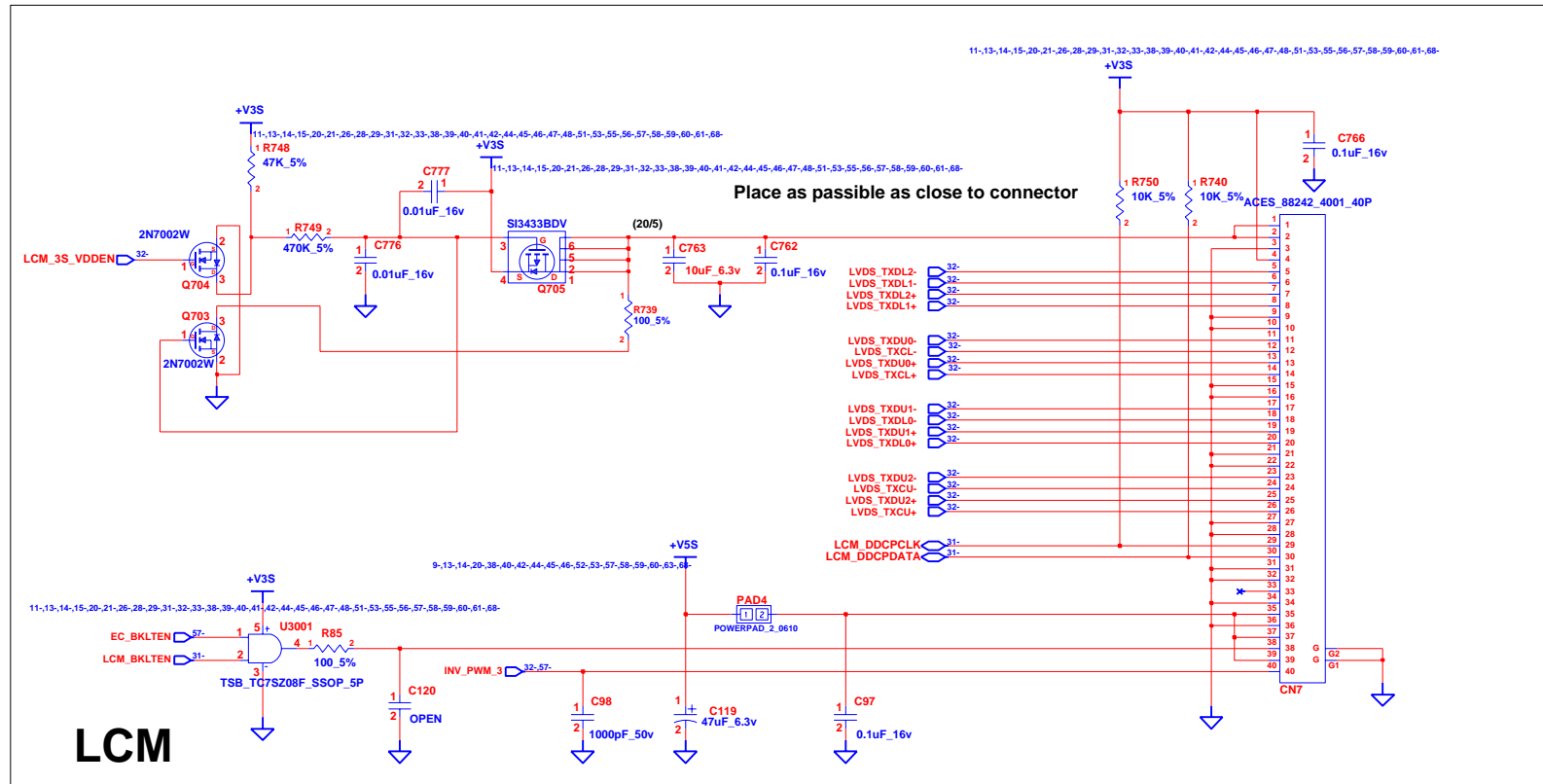


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TITLE			
Miami10G VRAM DDR2 -2			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by *Drawer Name* 17-May-2007

SHEET 37 OF 69

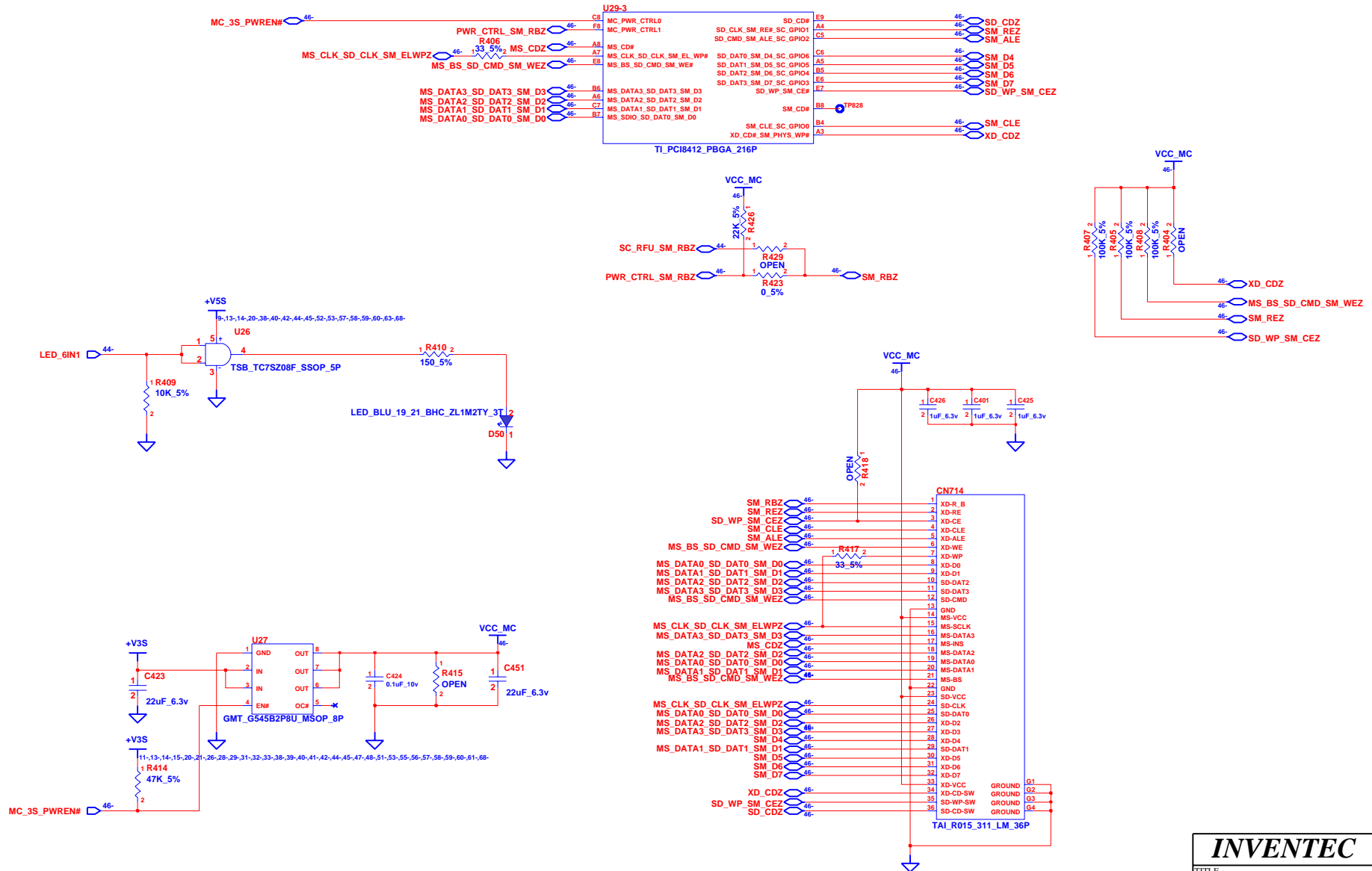


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Miami10G			
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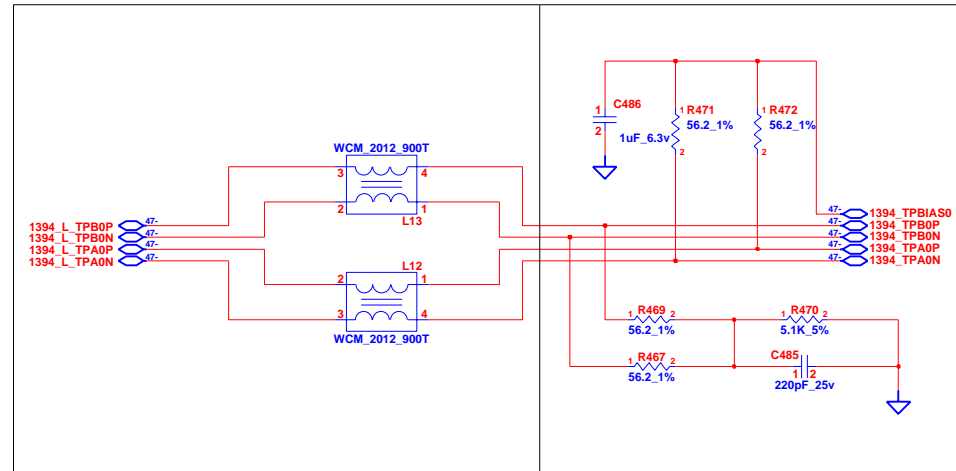
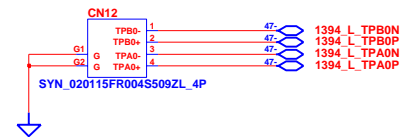
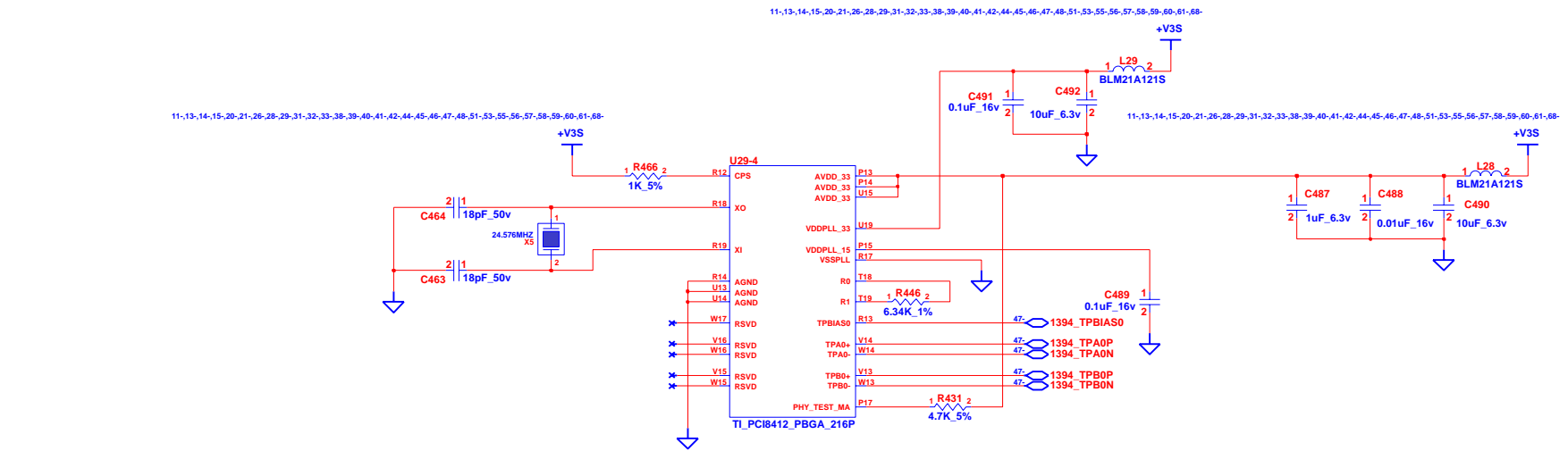
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SIZE: A3	CODE: CS	DOC. NUMBER: 1310A21116	REV: A03								



INVENTEC			
TITLE: Miami10G MEMORY CARD CONN			
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CHANGE by: Drawer Name 17-May-2007

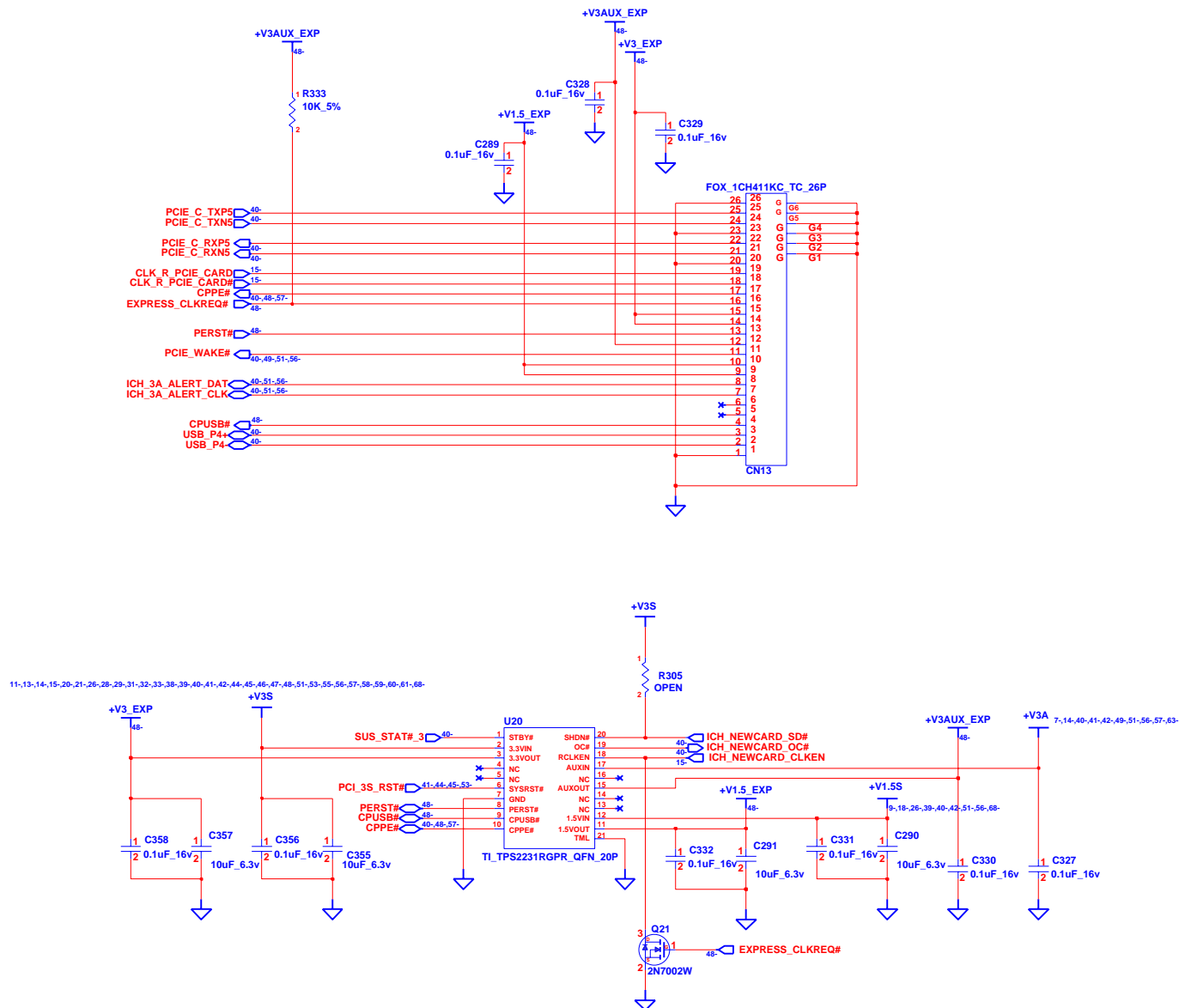


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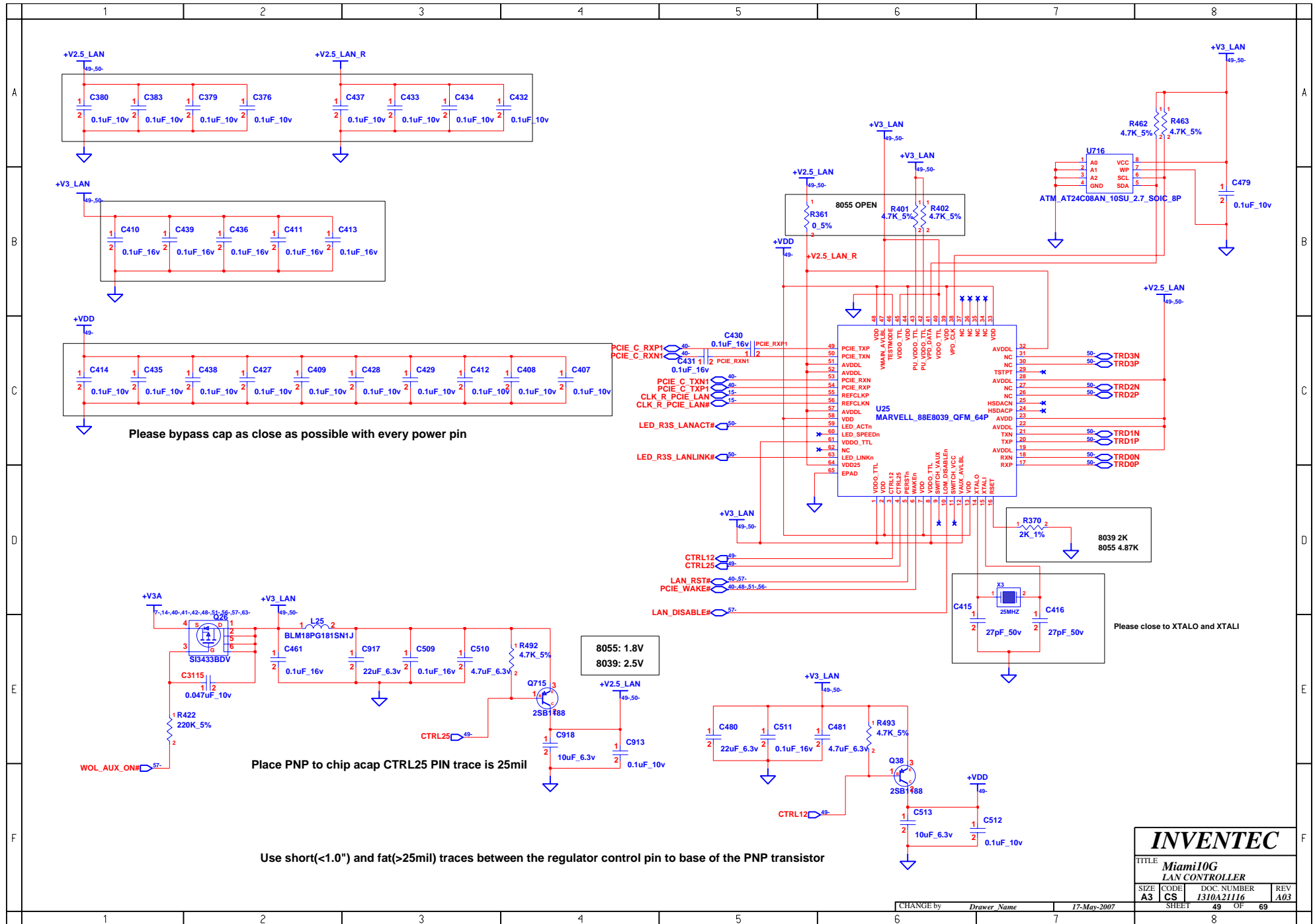
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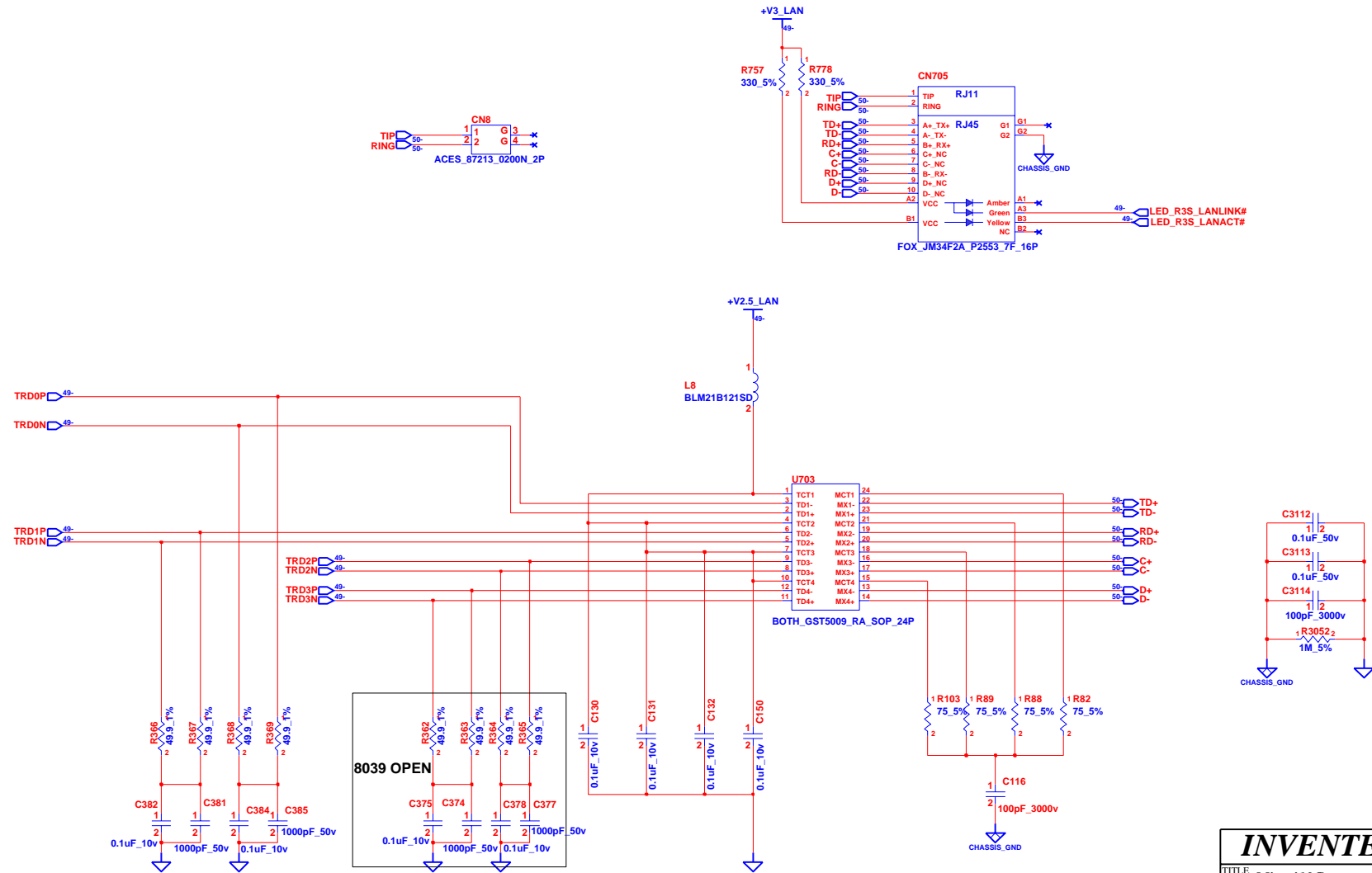
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Miami10G			
1394			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21116	A03
SHEET		47	OF 69

CHANGE by Drawer Name 17-May-2007



INVENTEC			
TITLE Miami10G EXPRESS CARD			
SIZE A3	CODE CS	DOC. NUMBER 1310A21116	REV A03
CHANGE by		Drawer Name	17-May-2007
SHEET		48	OF 69





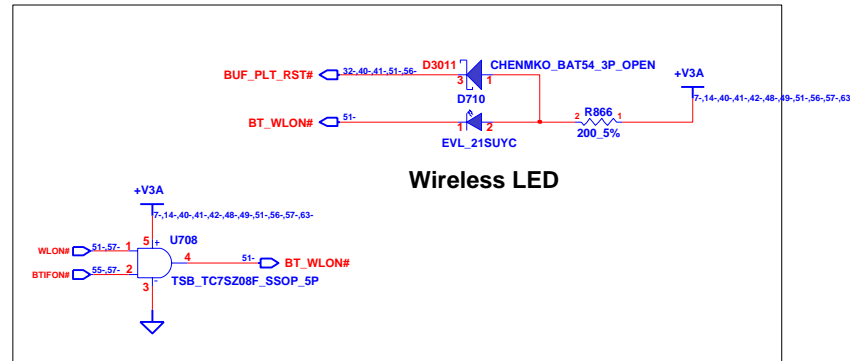
LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

INVENTEC

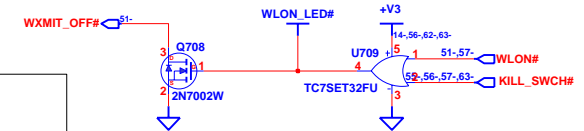
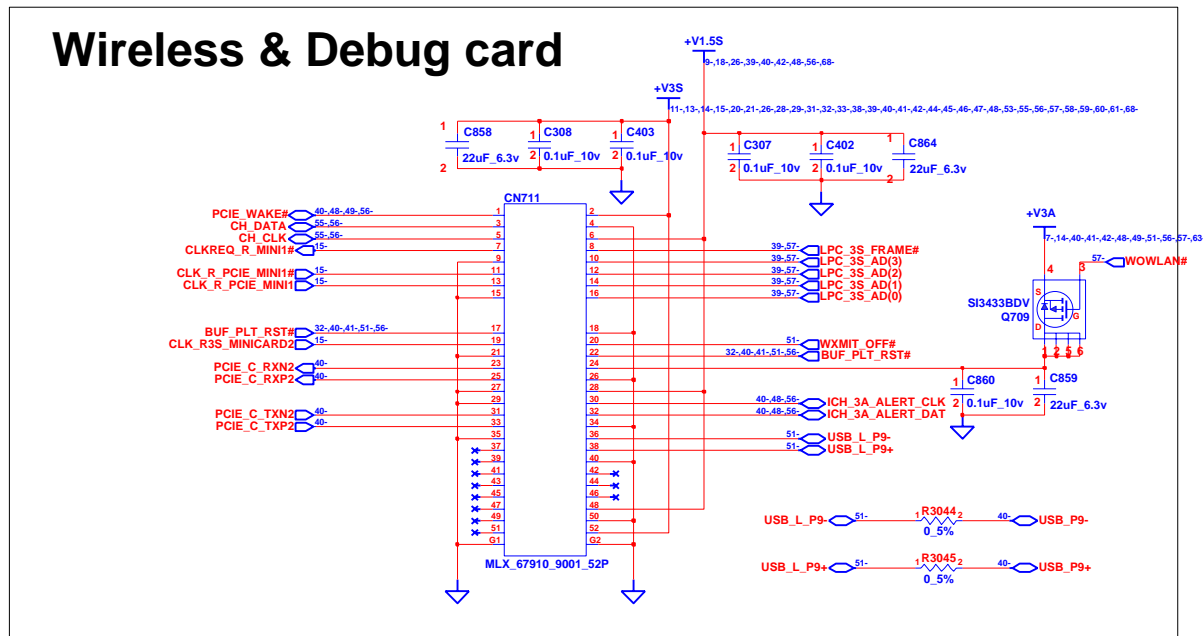
TITLE **Miami10G**
RJ11 / RJ45 & TRANSFORMER

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21116	A03

CHANGE by	Drawer Name	17-May-2007
SHEET	50	OF 69



Wireless & Debug card

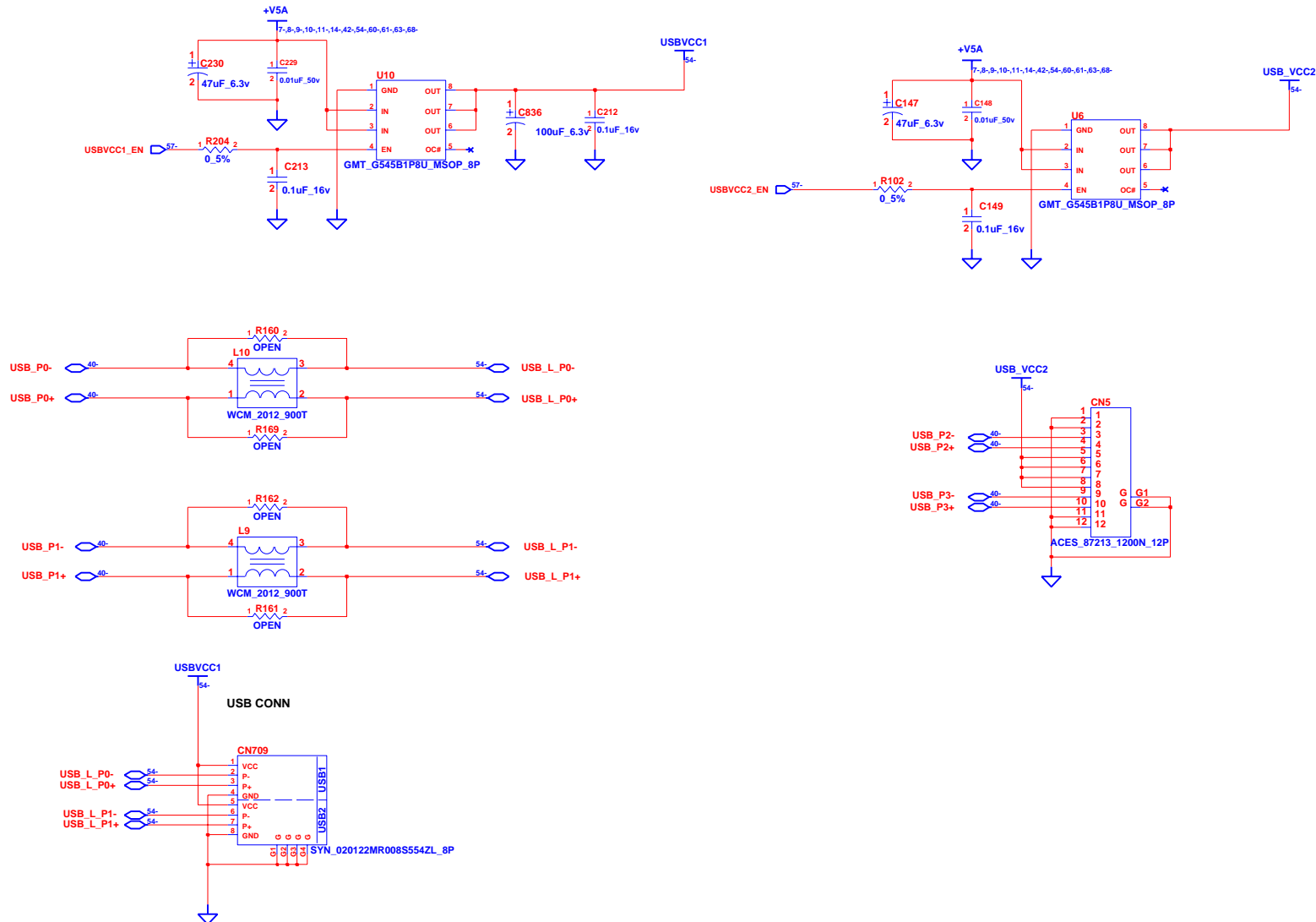


INVENTEC

TITLE
Miami10G
Wireless LAN

SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
SHEET 51		OF 69	

CHANGE by *Drawer Name* 17-May-2007



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BT_ON#

BTIFON#

KILL_SWCH#

USB_P6+

USB_P6-

CH_CLK

BTMDL#

BT_RESET#

CH_DATA

ACES_91208_0100N_10P

INVENTEC

TITLE

Miami10G

BLUETOOTH

SIZE

A3

CODE

CS

DOC. NUMBER

1310A21116

REV

A03

CHANGE by

Drawer Name

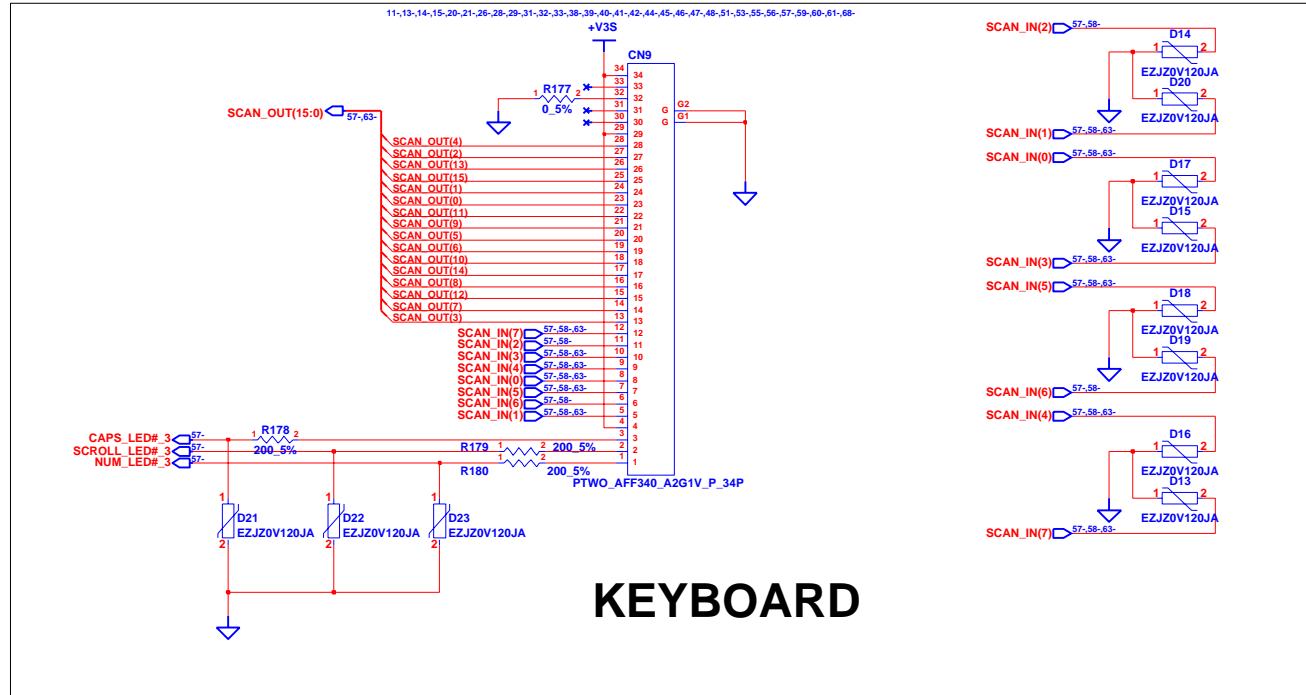
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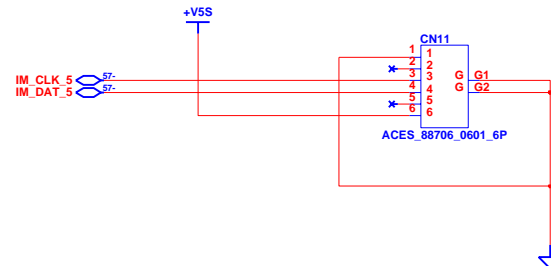
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OF

69



KEYBOARD



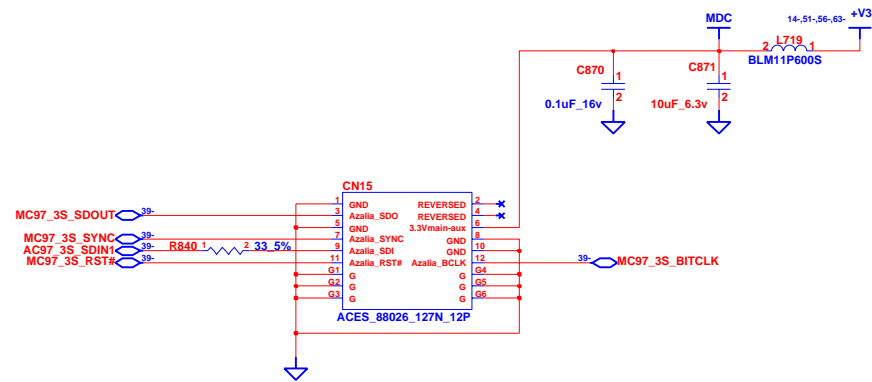
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TITLE
Miami10G
K/B & TP/B CONN

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A3	CS	1310A21116	A03

CHANGE by *Drawer Name* 17-May-2007

SHEET 58 OF 69



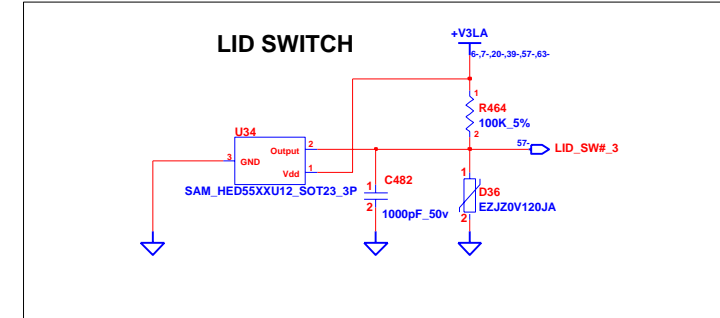
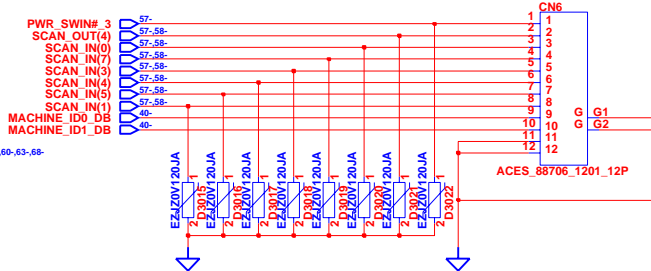
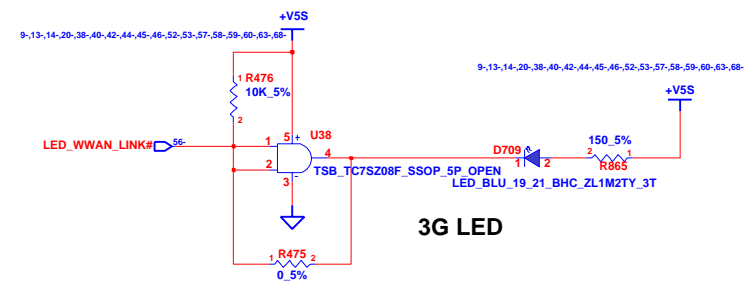
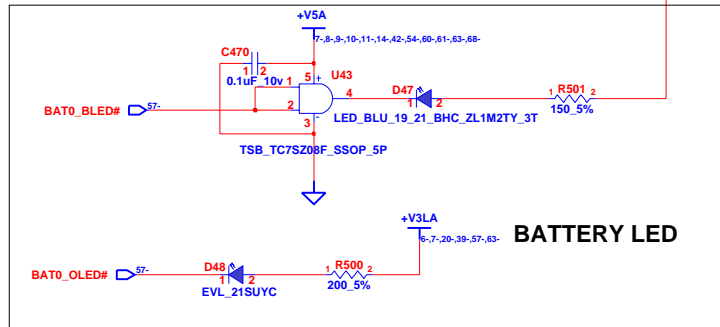
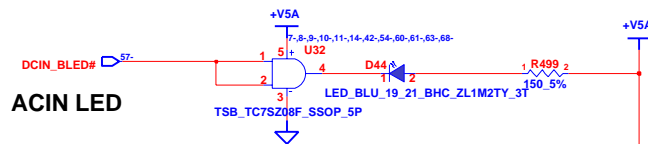
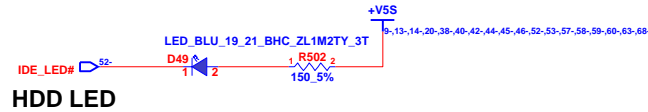
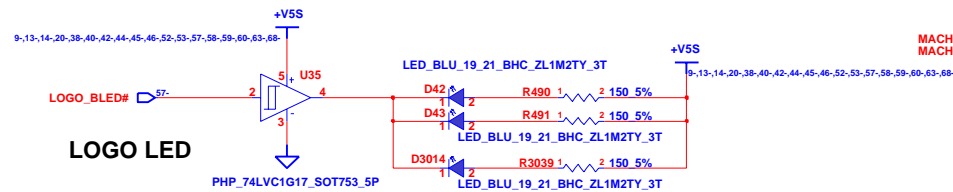
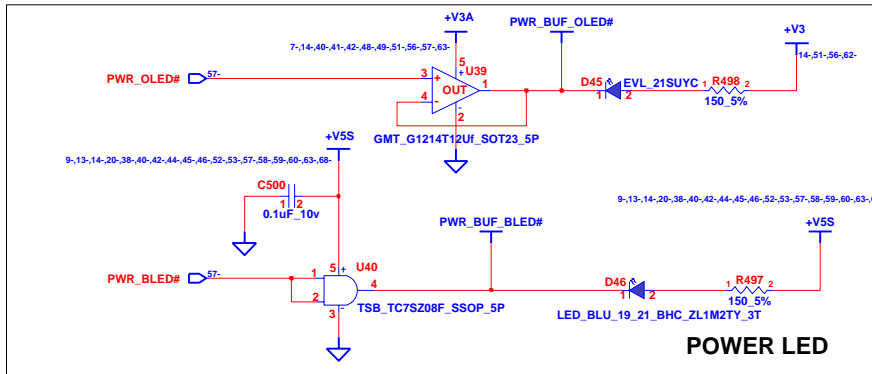
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TITLE
Miami10G
MDC1.5

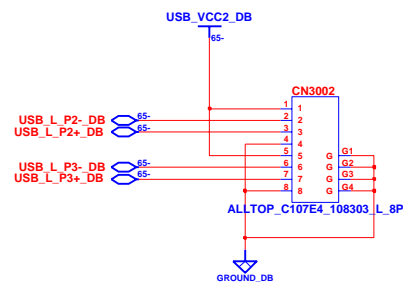
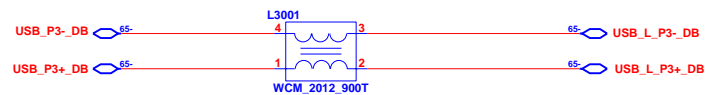
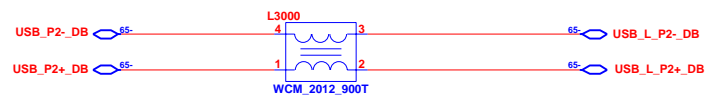
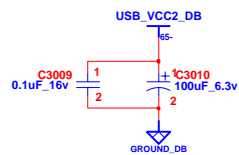
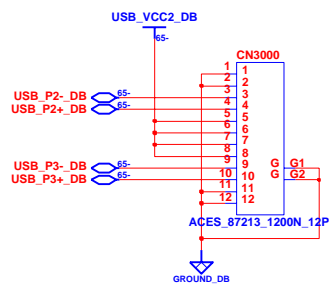
SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
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CHANGE by *Drawer Name* 17-May-2007

SHEET 62 OF 69



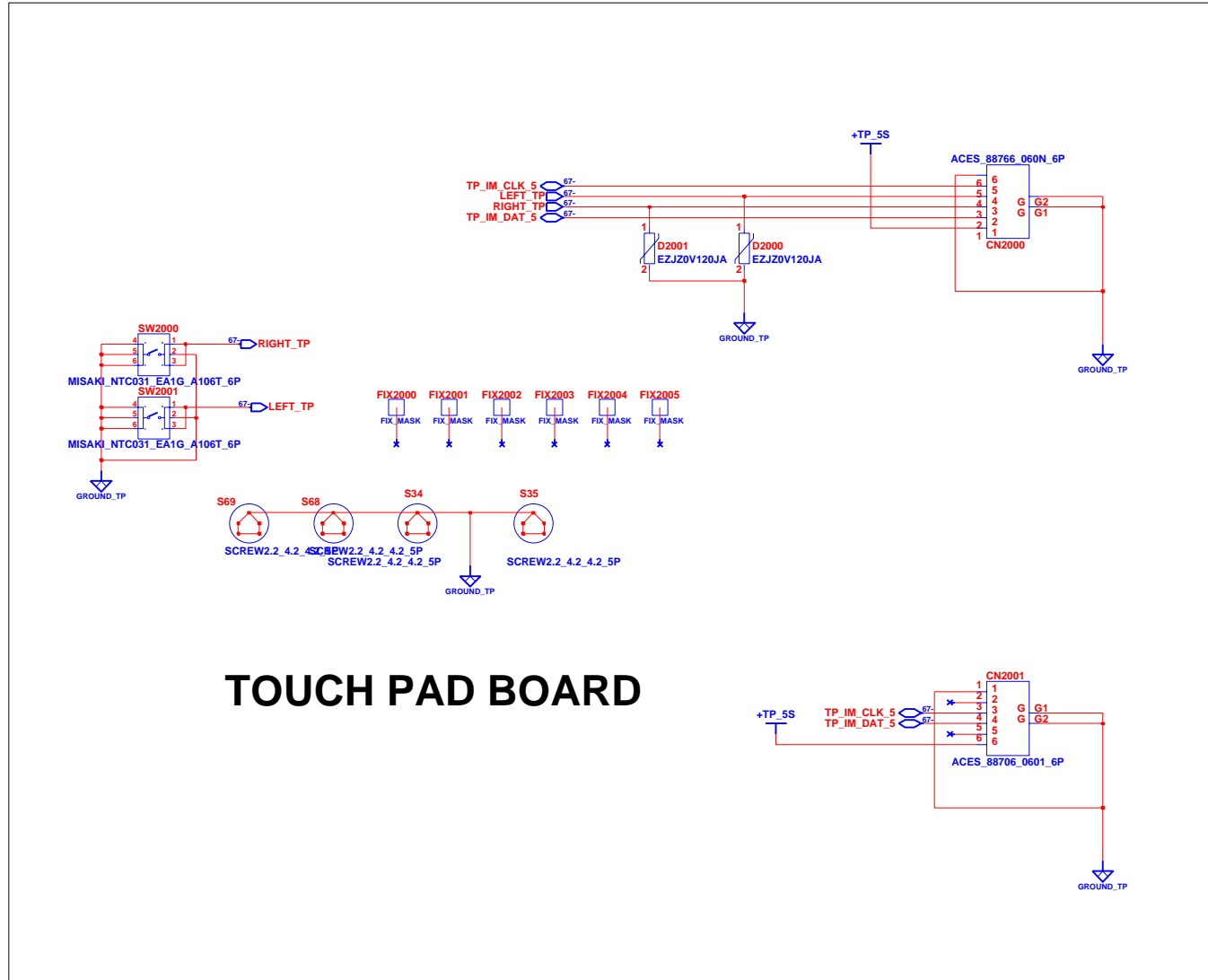
INVENTEC			
TITLE: Miami10G LED			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A21116	REV: A03
CHANGE by: Drawer Name		17-May-2007	
SHEET: 63		OF: 69	



INVENTEC			
TITLE			
Miami10G			
RGB CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A21116	A03
CHANGE by		Drawer Name	17-May-2007
SHEET		65	OF 69

	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	

INVENTEC			
TITLE <i>Miami10G LED BOARD / CNN</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>1310A21116</i>	REV <i>A03</i>
CHANGE by <i>Drawer Name</i>		17-May-2007	
SHEET		66	OF 69



INVENTEC

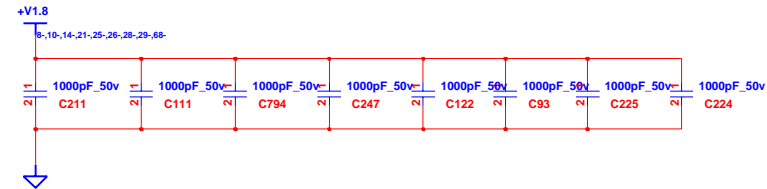
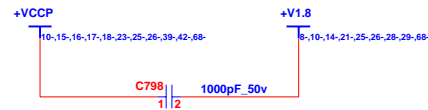
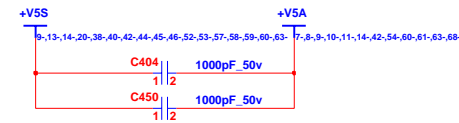
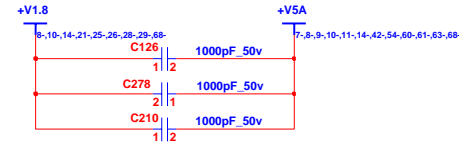
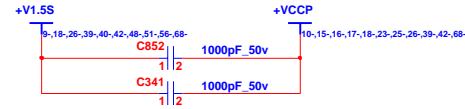
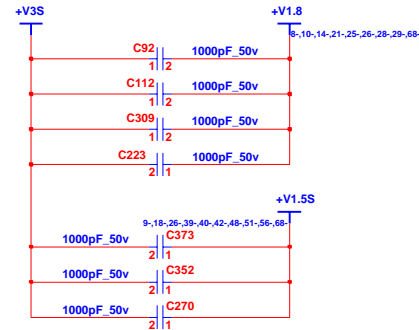
TITLE
Miami10G
TP/B

SIZE A3	CODE CS	DOC. NUMBER 1310A21116	REV A03
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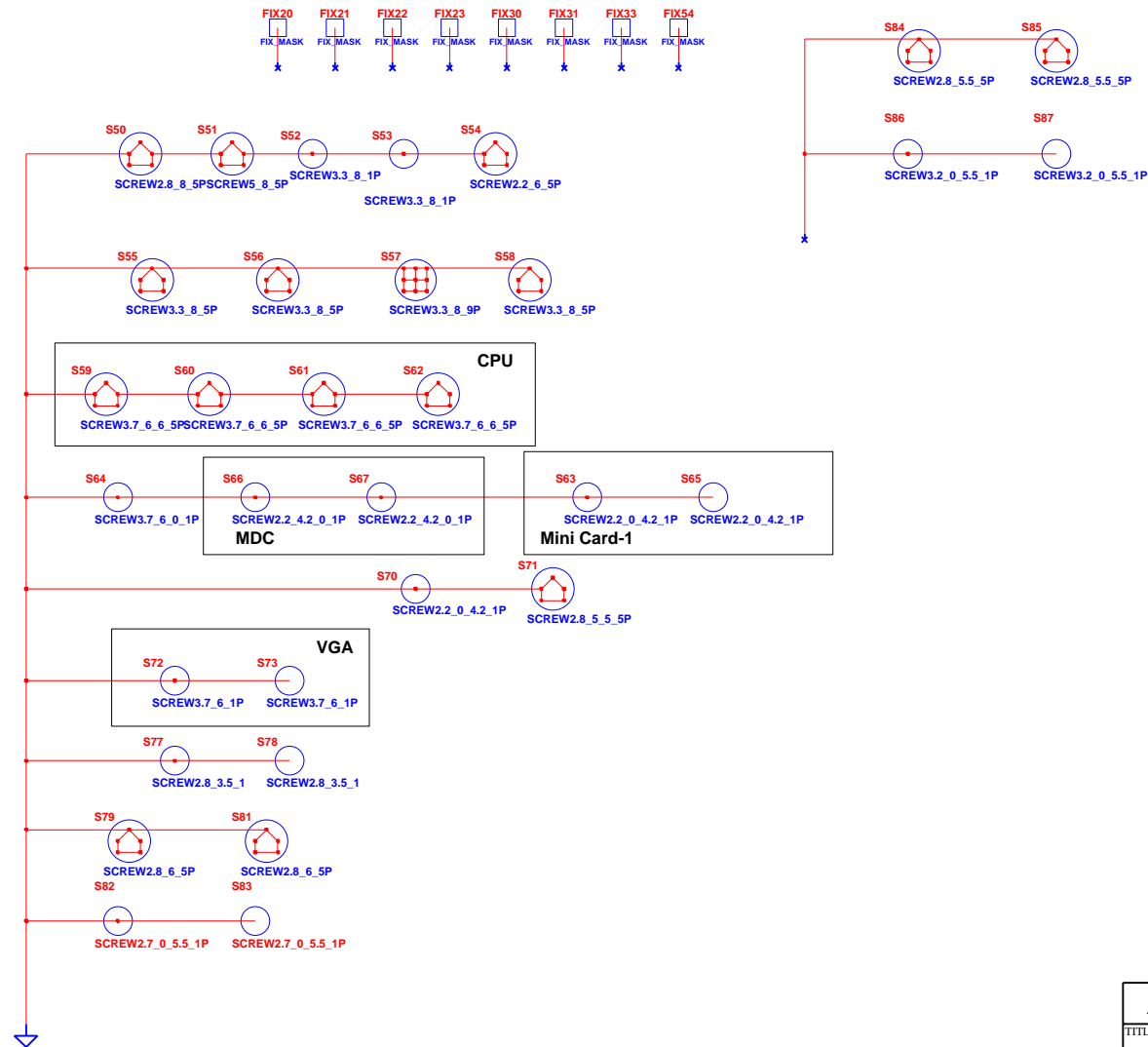
CHANGE by *Drawer Name* 17-May-2007

SHEET 67 OF 69

11-13,14,15,20,21,26,28,29,31,32,33,38,39,40,41,42,44,45,46,47,48,51,53,55,56,57,58,59,60,61-



INVENTEC			
TITLE Miami10G USB BOARD			
SIZE A3	CODE CS	DOC. NUMBER I310A21116	REV A03
CHANGE by Drawer Name		17-May-2007	SHEET 68 OF 69



INVENTEC

TITLE			
Miami10G			
SCREW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A21116	A03

CHANGE by *Drawer Name* 17-May-2007

SHEET 69 OF 69