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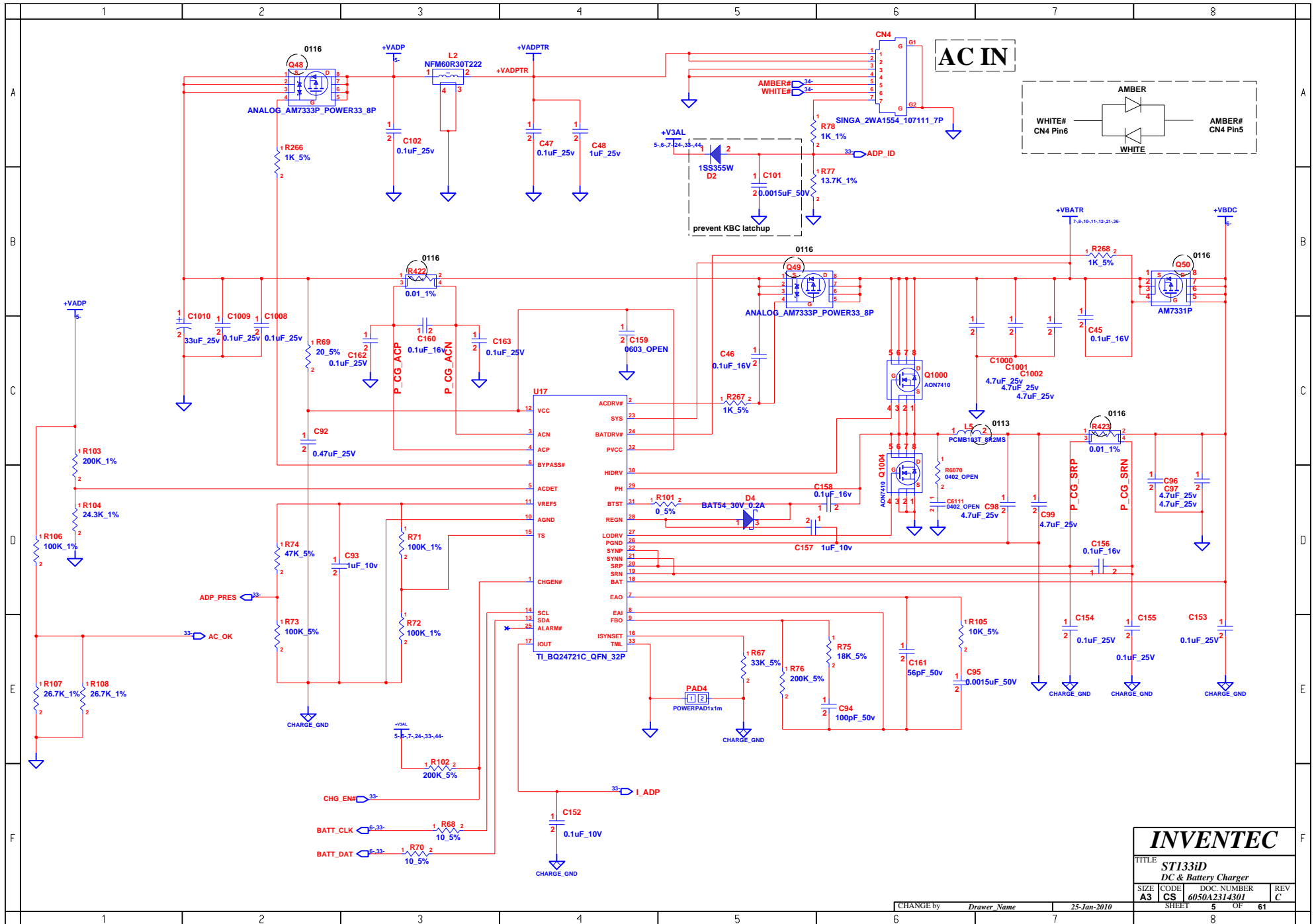
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55. GPU-7
56. VRAM-1
57. VRAM-2
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58. USB3.0
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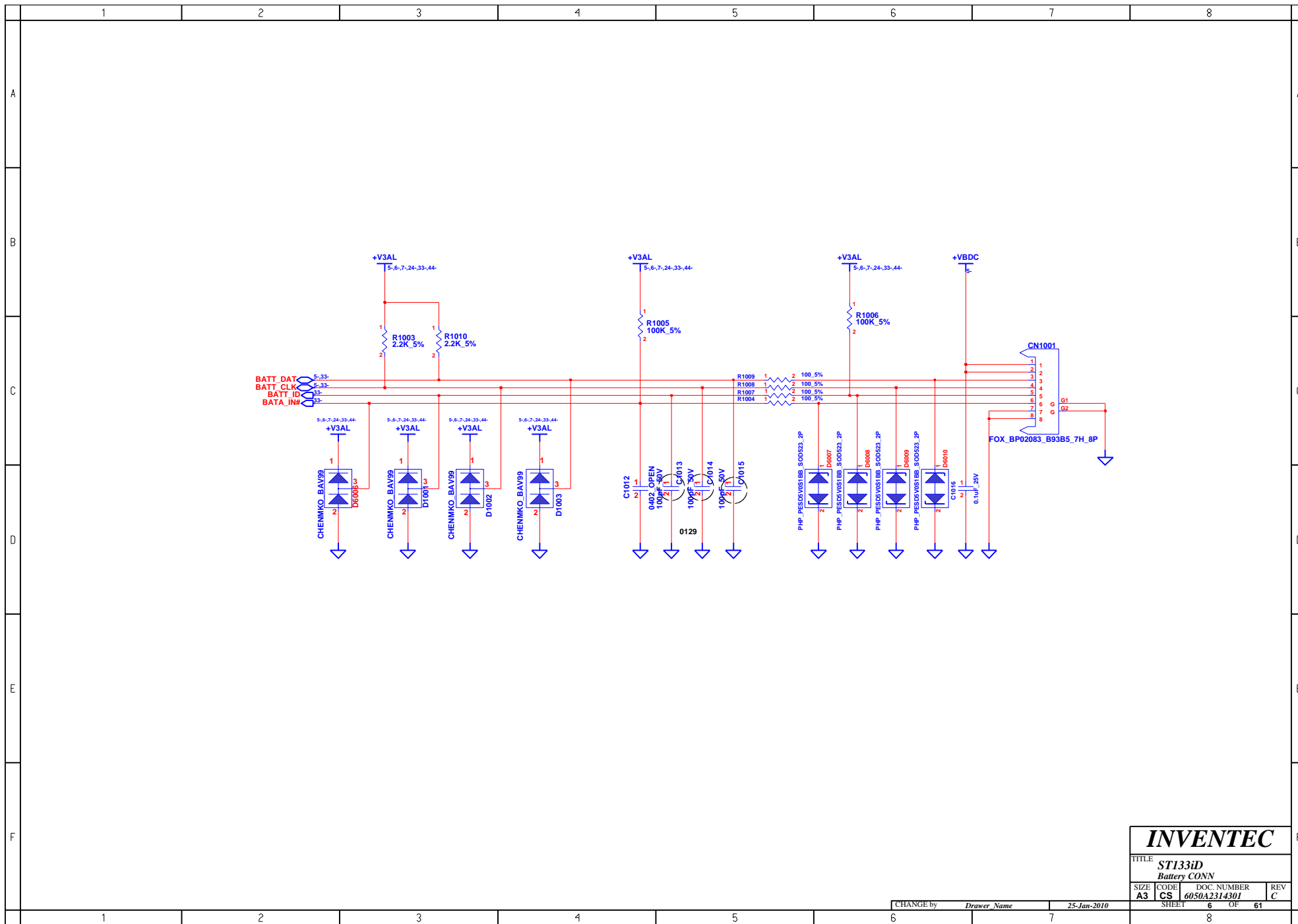
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CHANGE by *Drawer Name* 26-Mar-2010

ENGINEER	COMPANY NAME	
DESIGNED BY	Address	
WFOKE	City	
RAD CHK	TITLE	Size A2
DWG CTRL CHK	ST1331D	
REC ENGR CHK	Block Diagram	
DATE	REV Drawing Number	Sheet 3 of 51



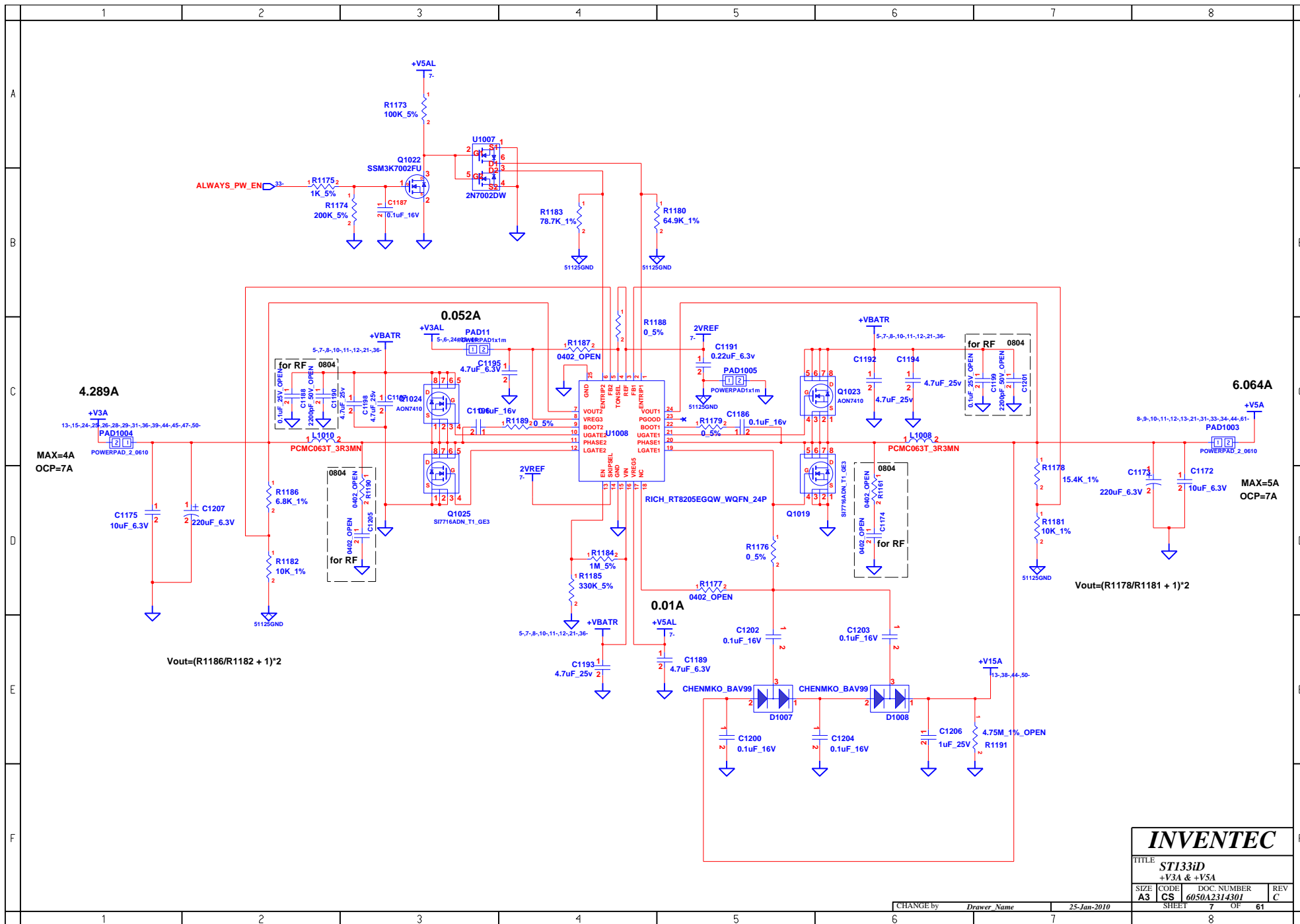


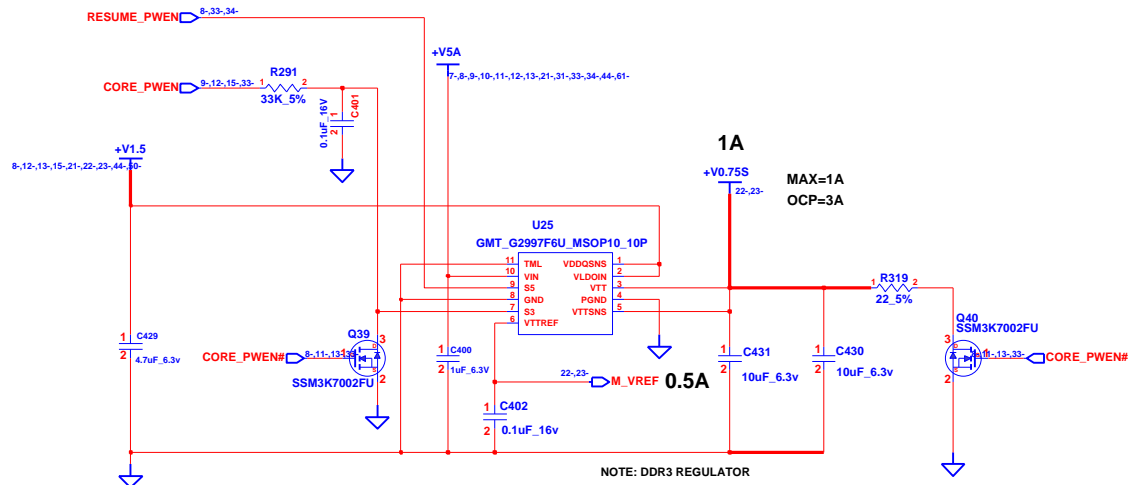
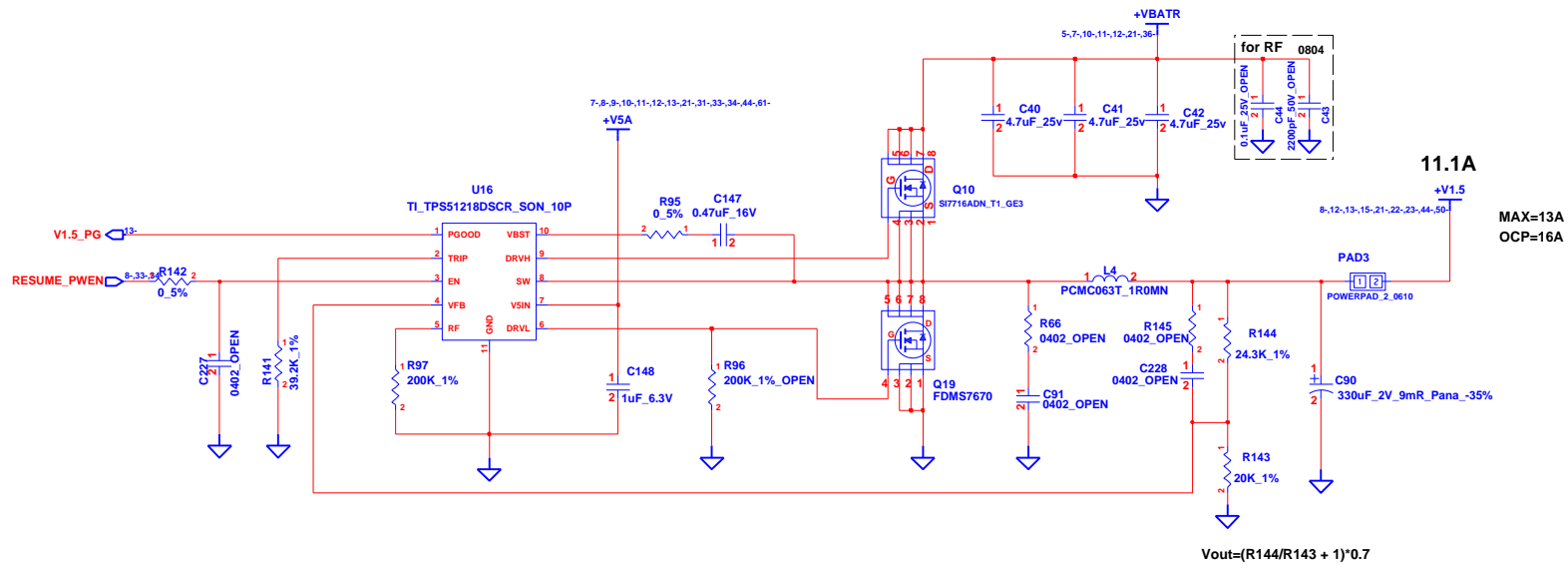
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ST133iD			
Battery CONN			
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A3	CS	6050A2314301	C

CHANGE by *Drawer Name* 25-Jan-2010

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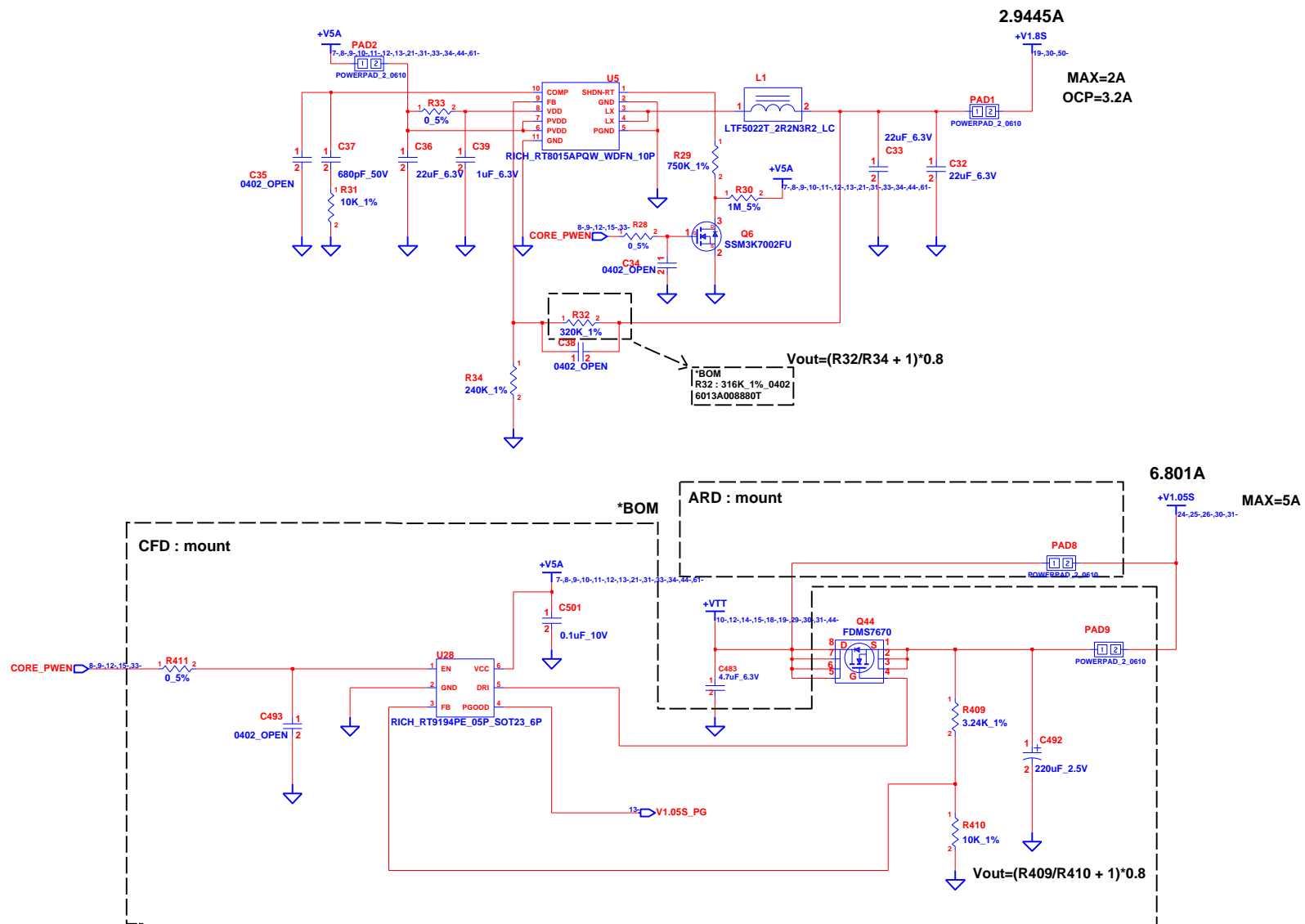
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TITLE
ST133iD
+V1.5 & +V0.75

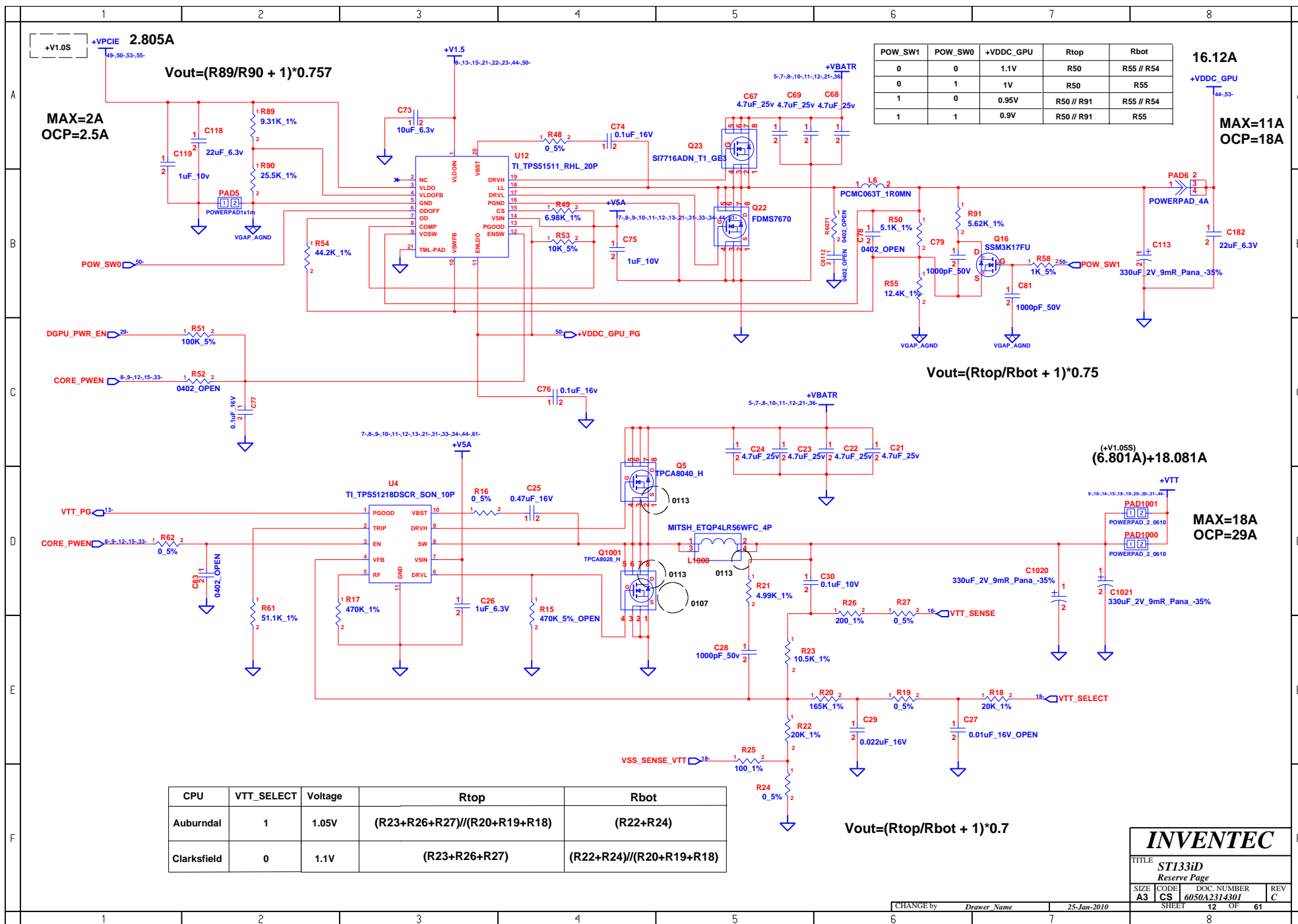
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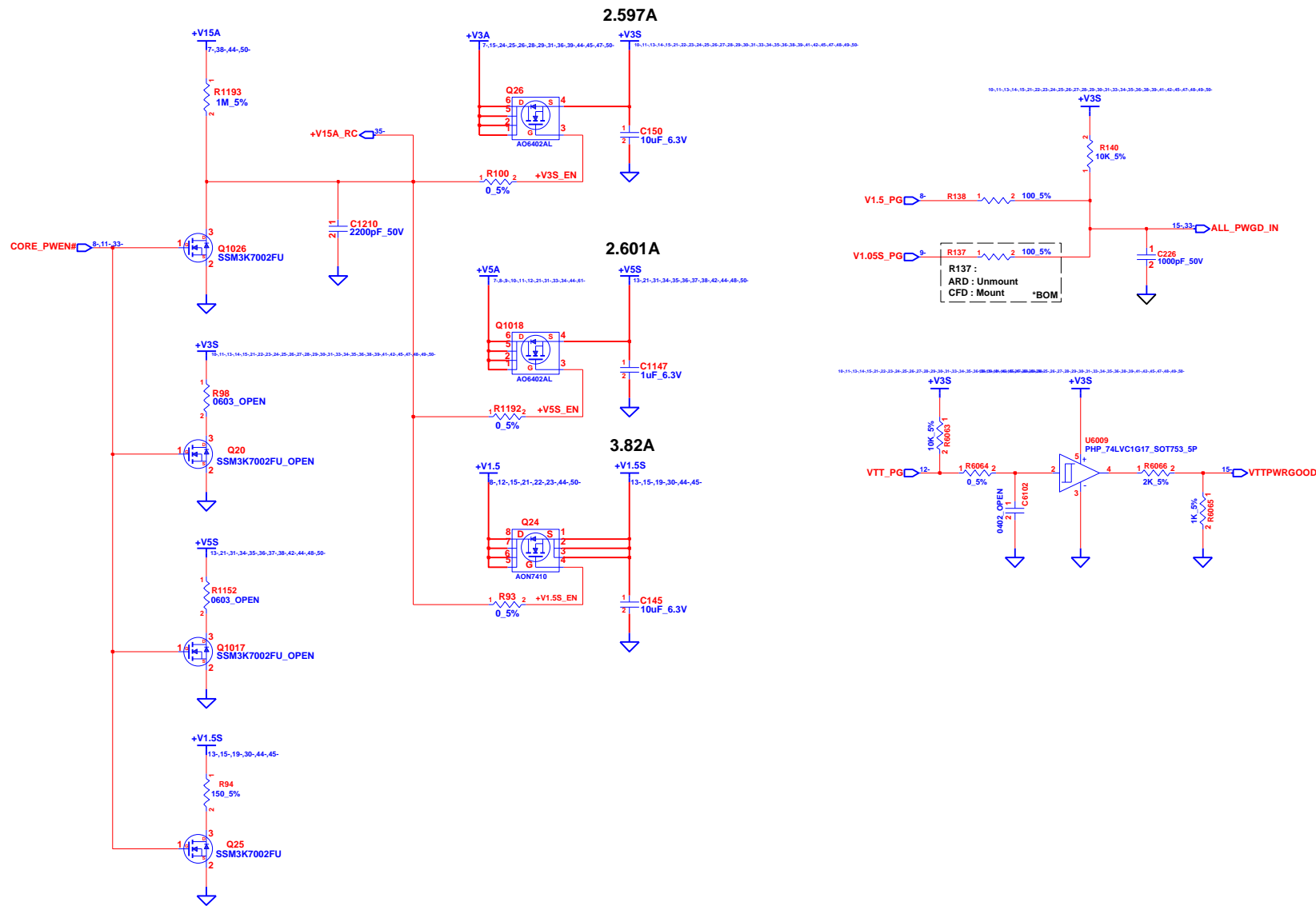
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+V1.8S & +V1.05S			
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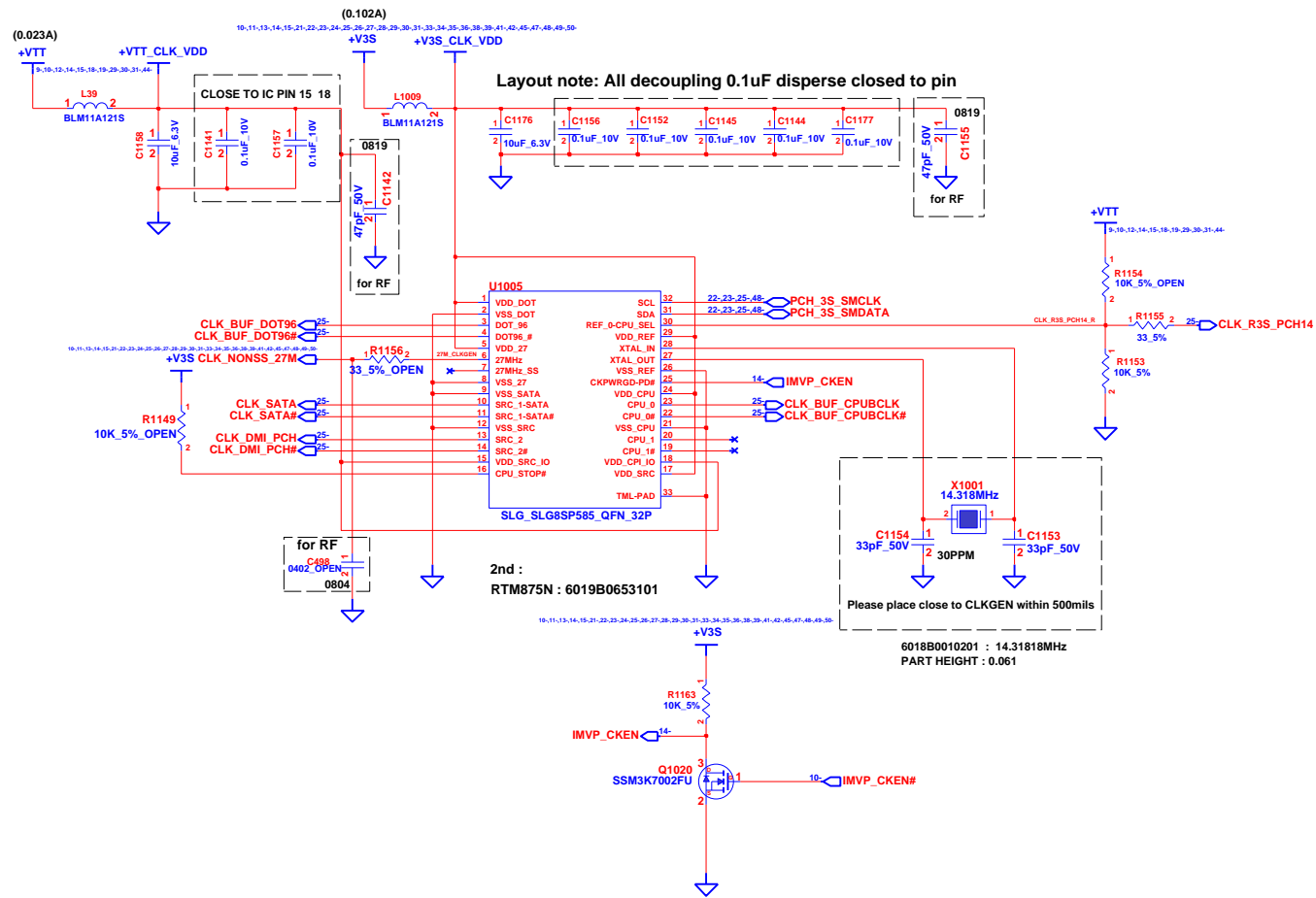




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ST133iD			
+V5S & +V3S			
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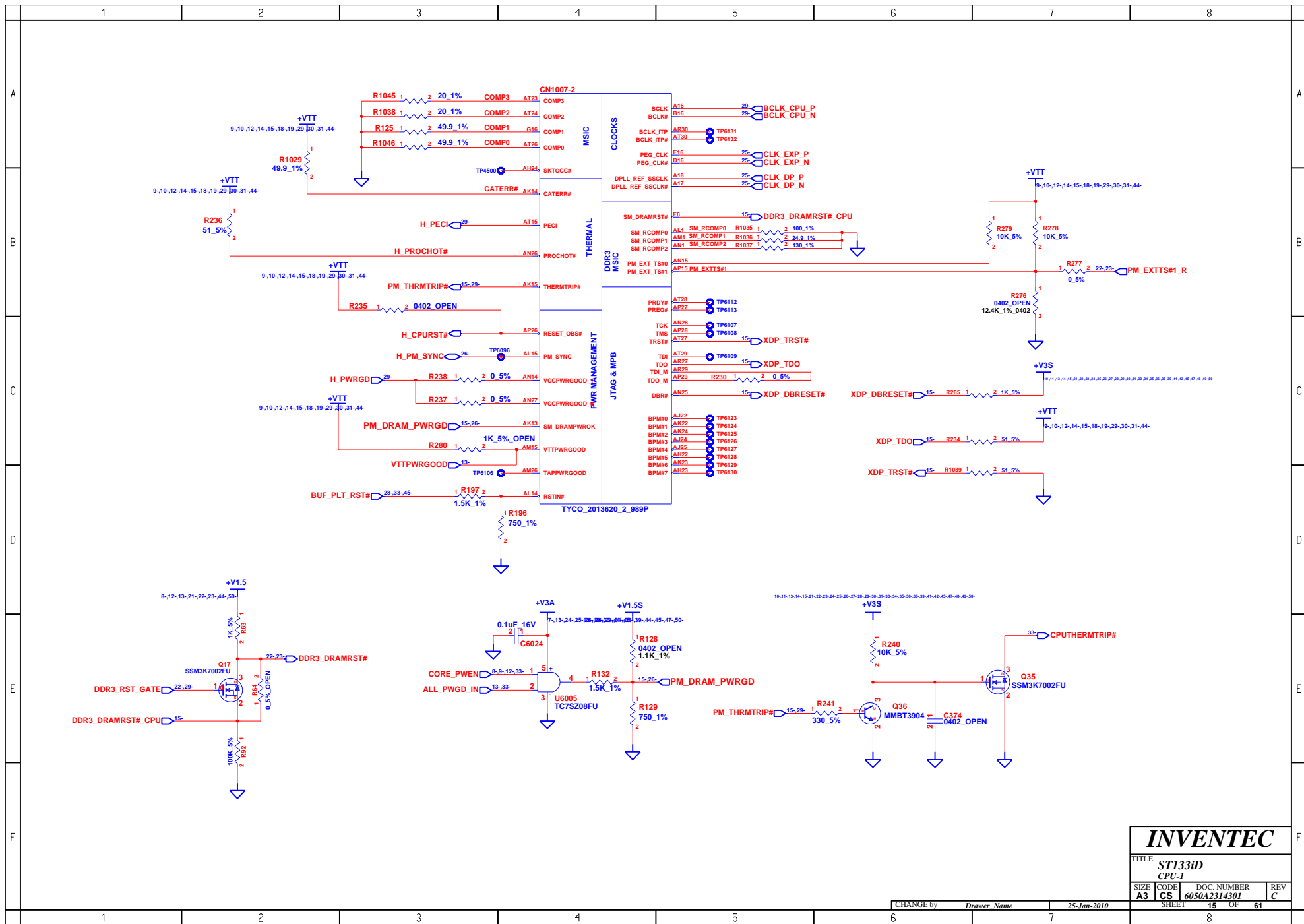
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TITLE			
ST133iD CLK GEN			
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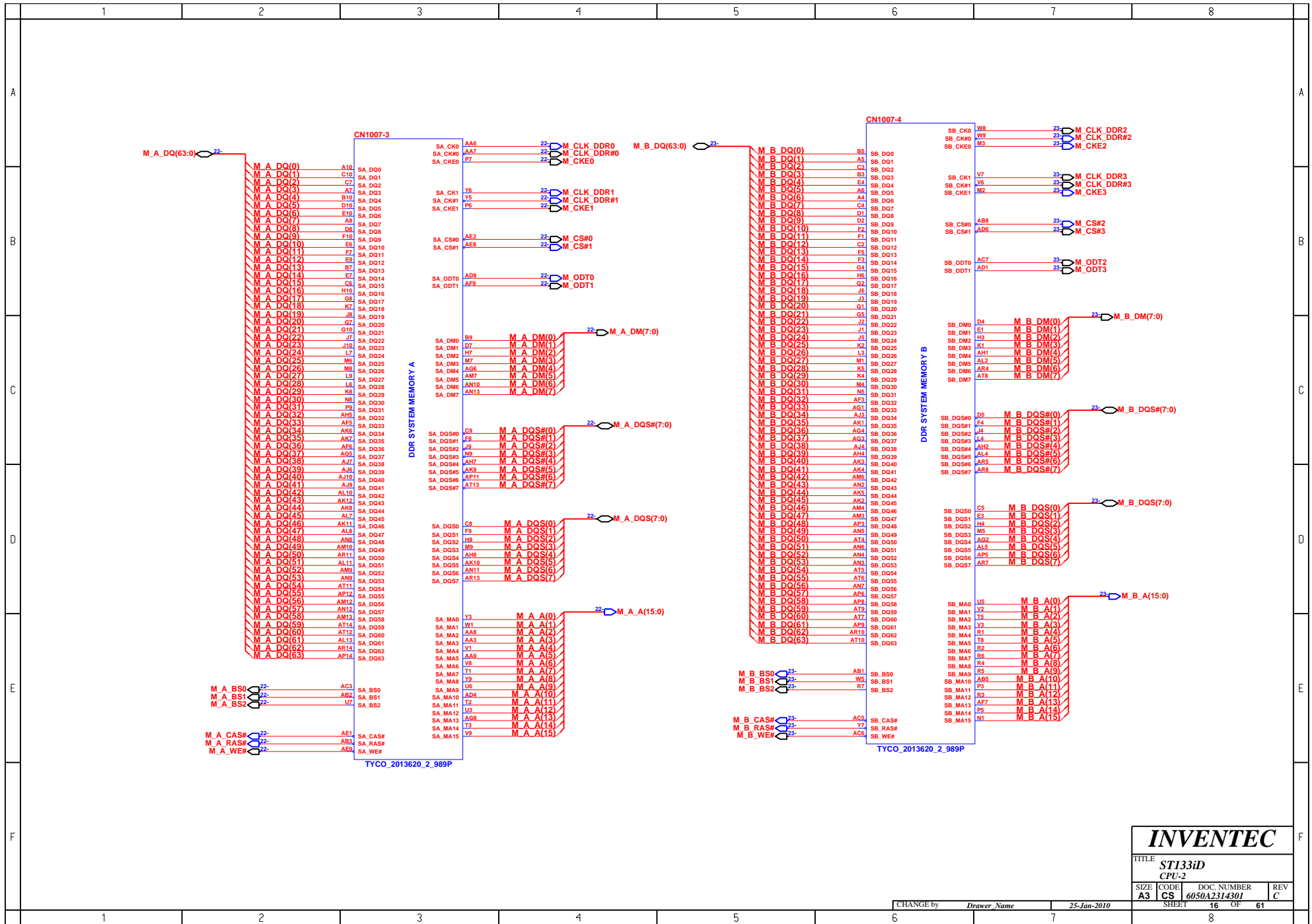


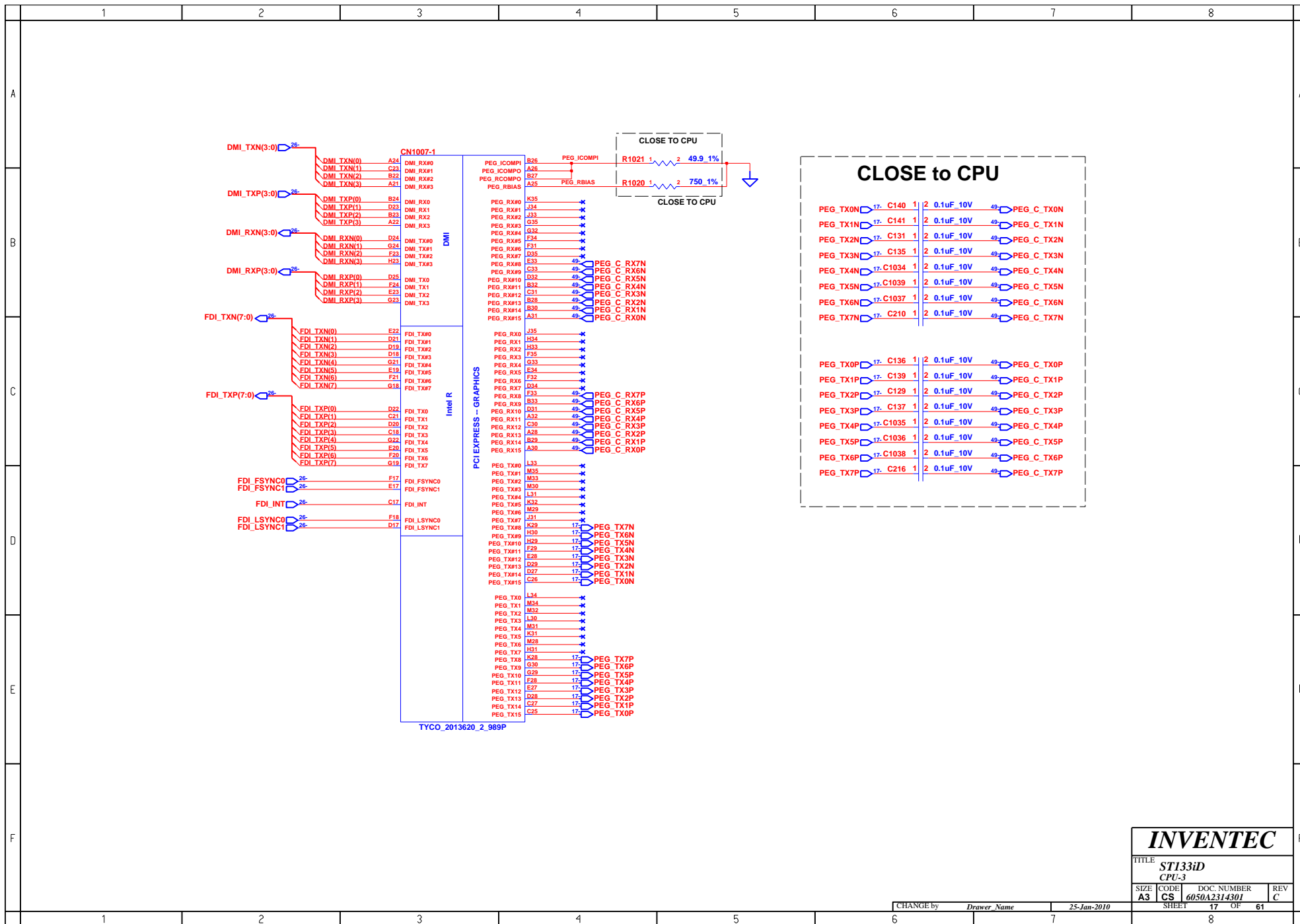
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CPU-1			
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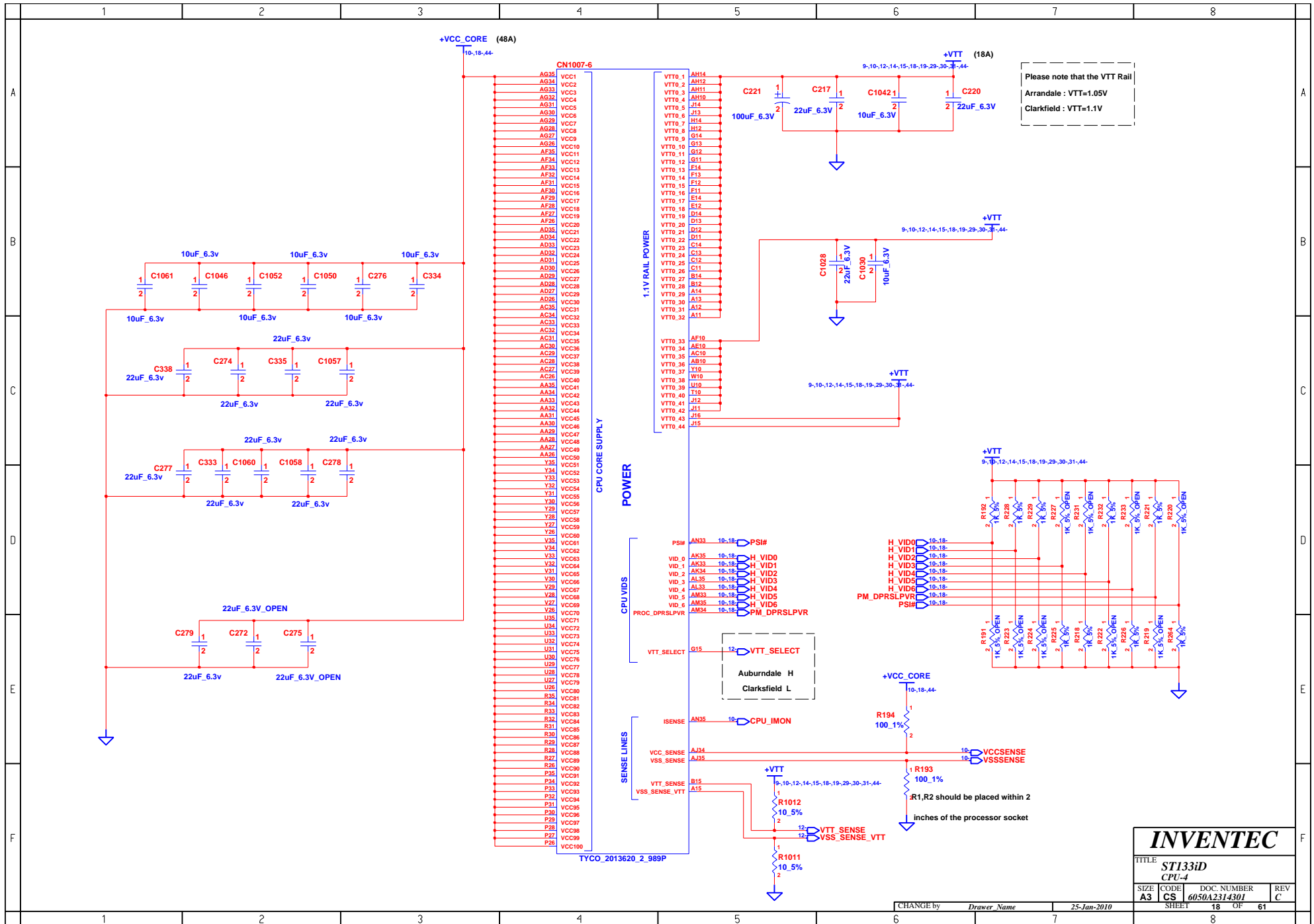
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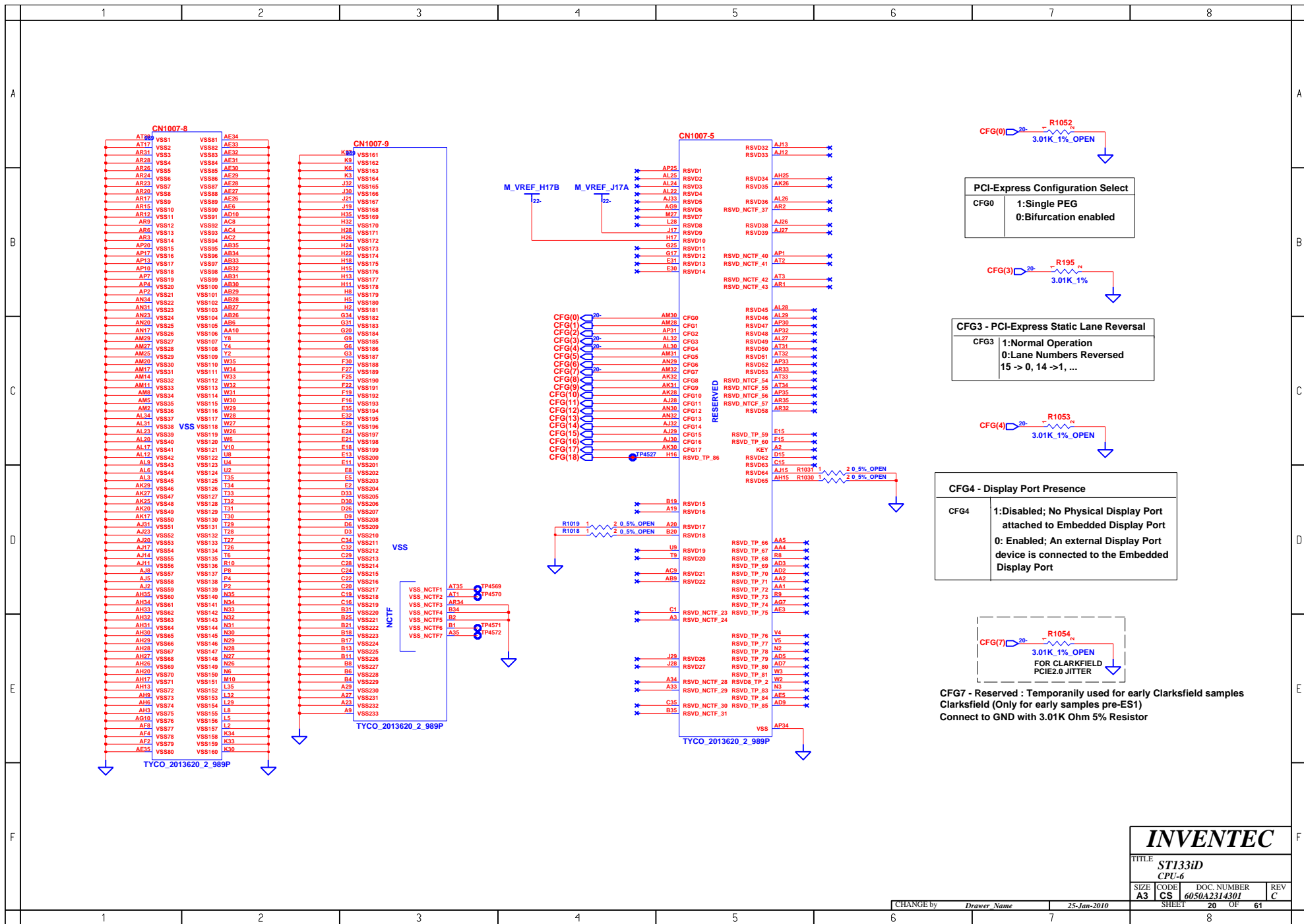
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CPU-3			
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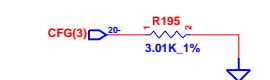


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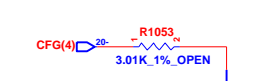
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ST133iD			
CPU-4			
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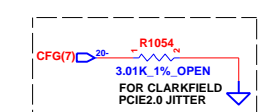
PCI-Express Configuration Select	
CFG0	1:Single PEG 0:Bifurcation enabled



CFG3 - PCI-Express Static Lane Reversal	
CFG3	1:Normal Operation 0:Lane Numbers Reversed 15 -> 0, 14 -> 1, ...



CFG4 - Display Port Presence	
CFG4	1:Disabled; No Physical Display Port attached to Embedded Display Port 0: Enabled; An external Display Port device is connected to the Embedded Display Port



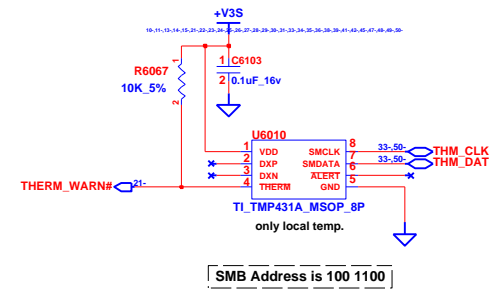
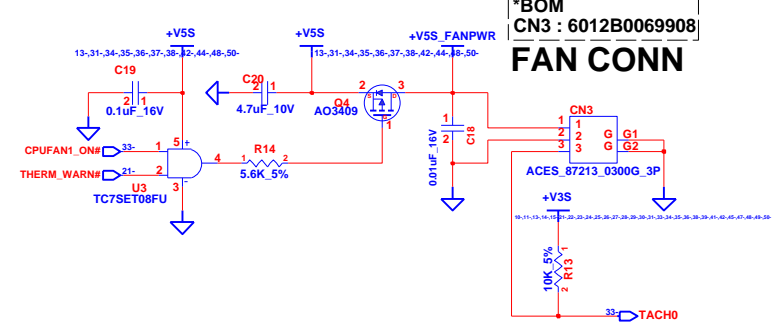
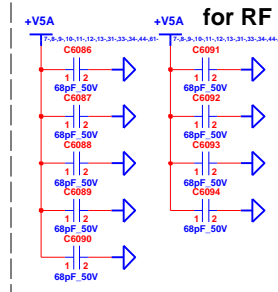
CFG7 - Reserved : Temporarily used for early Clarkfield samples
Clarkfield (Only for early samples pre-ES1)
Connect to GND with 3.01K Ohm 5% Resistor

INVENTEC

TITLE			
ST133iD CPU-6			
SIZE	CODE	DOC. NUMBER	REV
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CHANGE by Drawer Name 25-Jan-2010

for RF



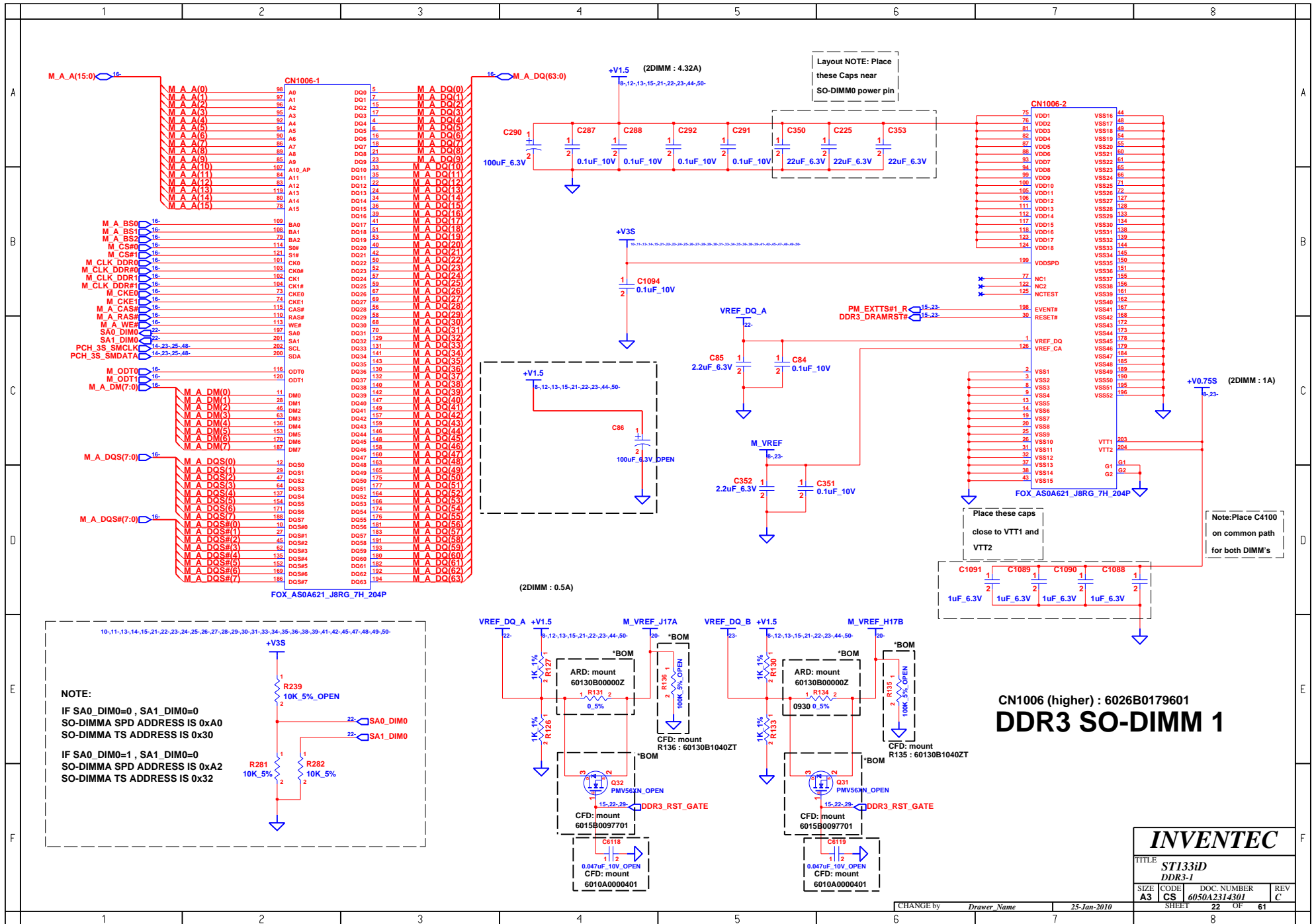
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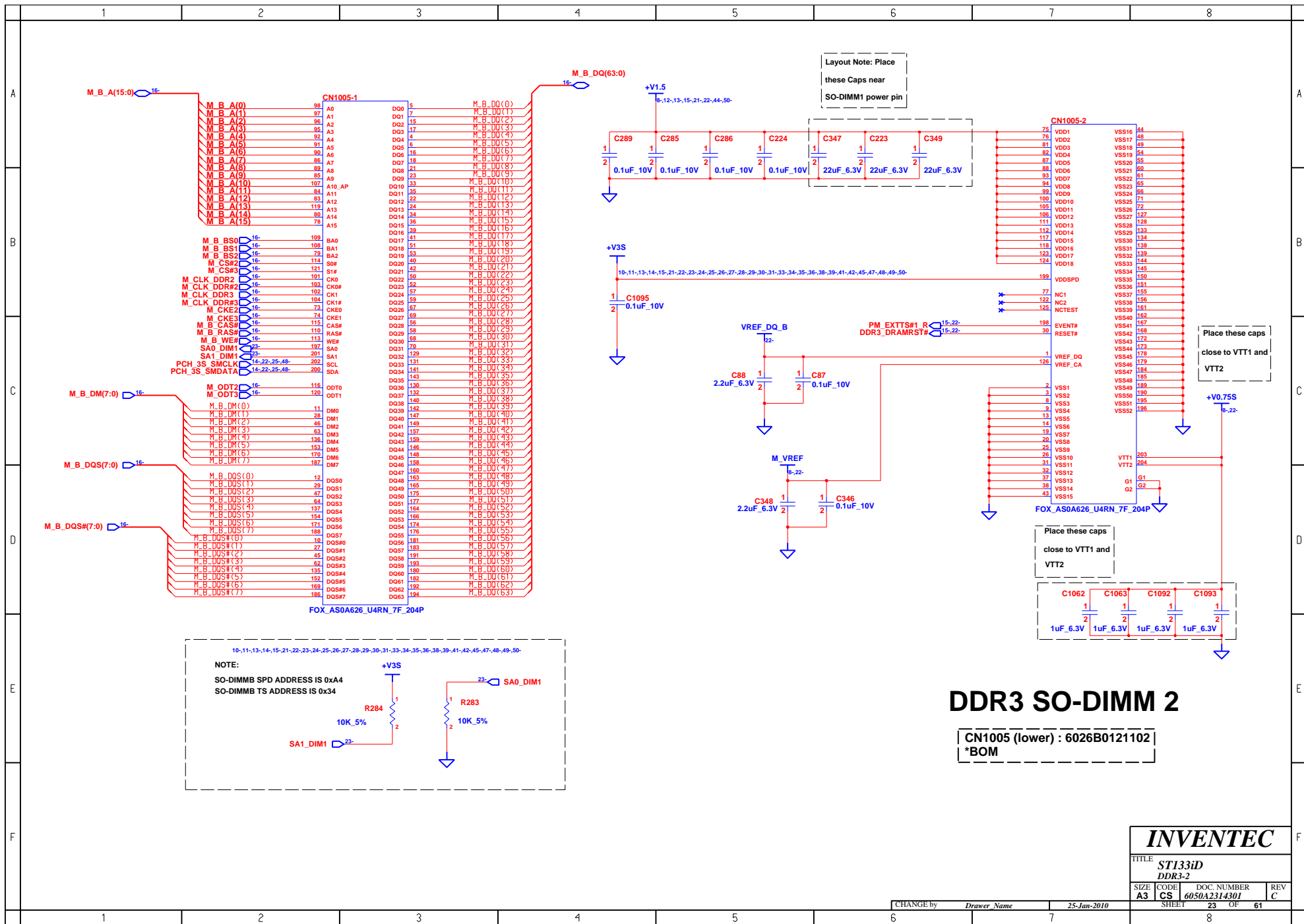
TITLE
ST133iD
Thermal, Fan & XDP

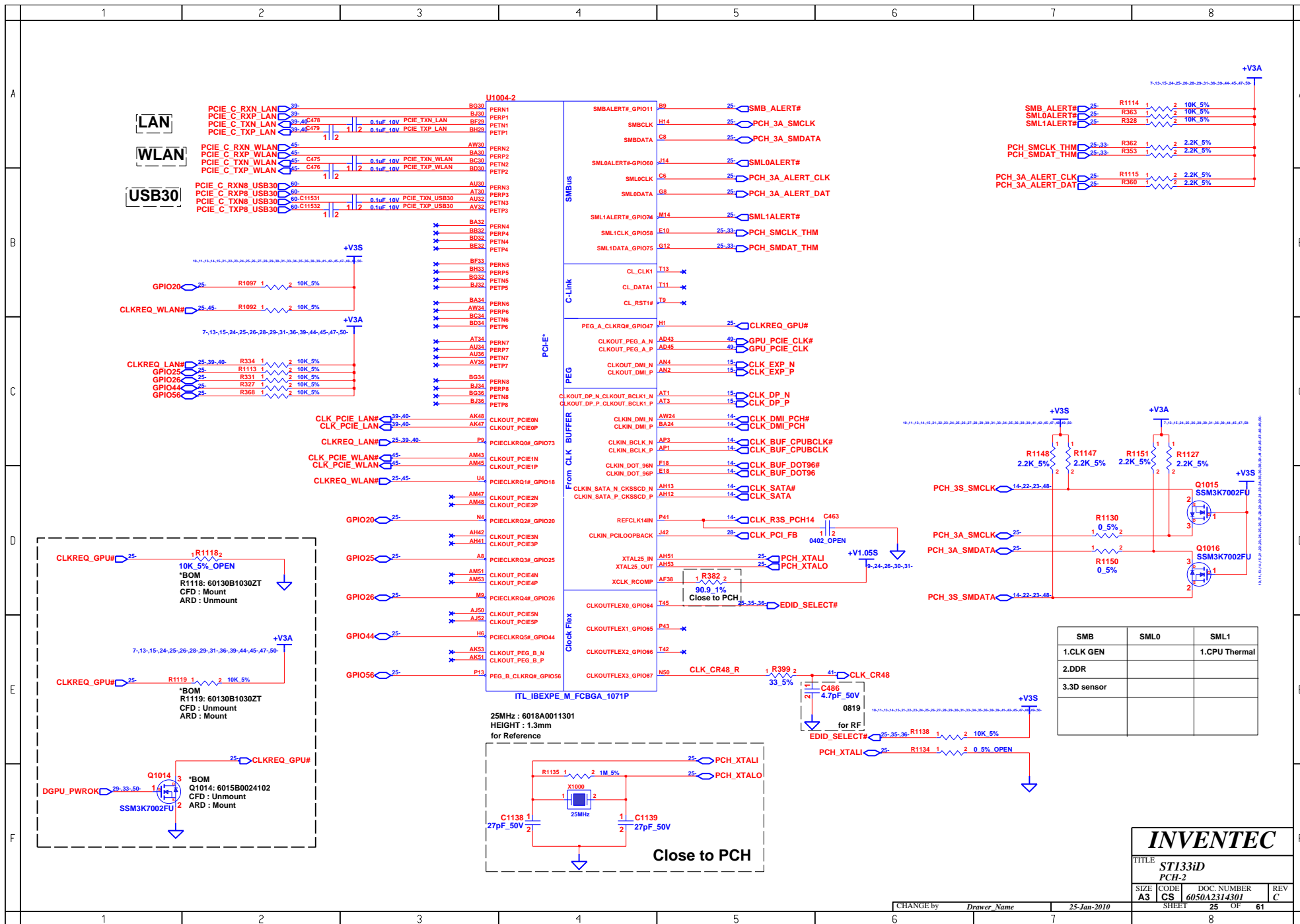
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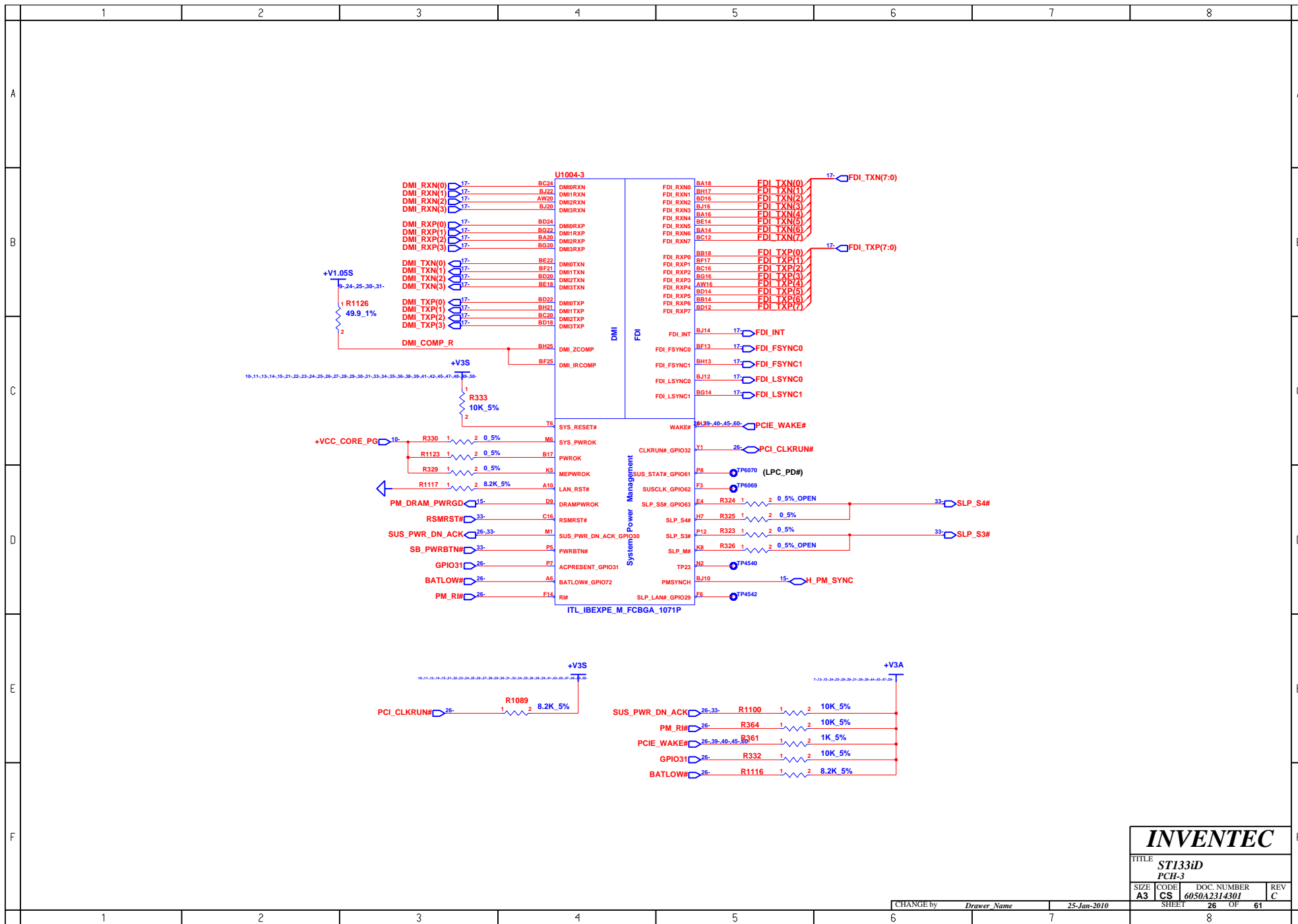




INVENTEC

TITLE ST133iD PCH-2			
SIZE A3	CODE CS	DOC. NUMBER 6050A2314301	REV C
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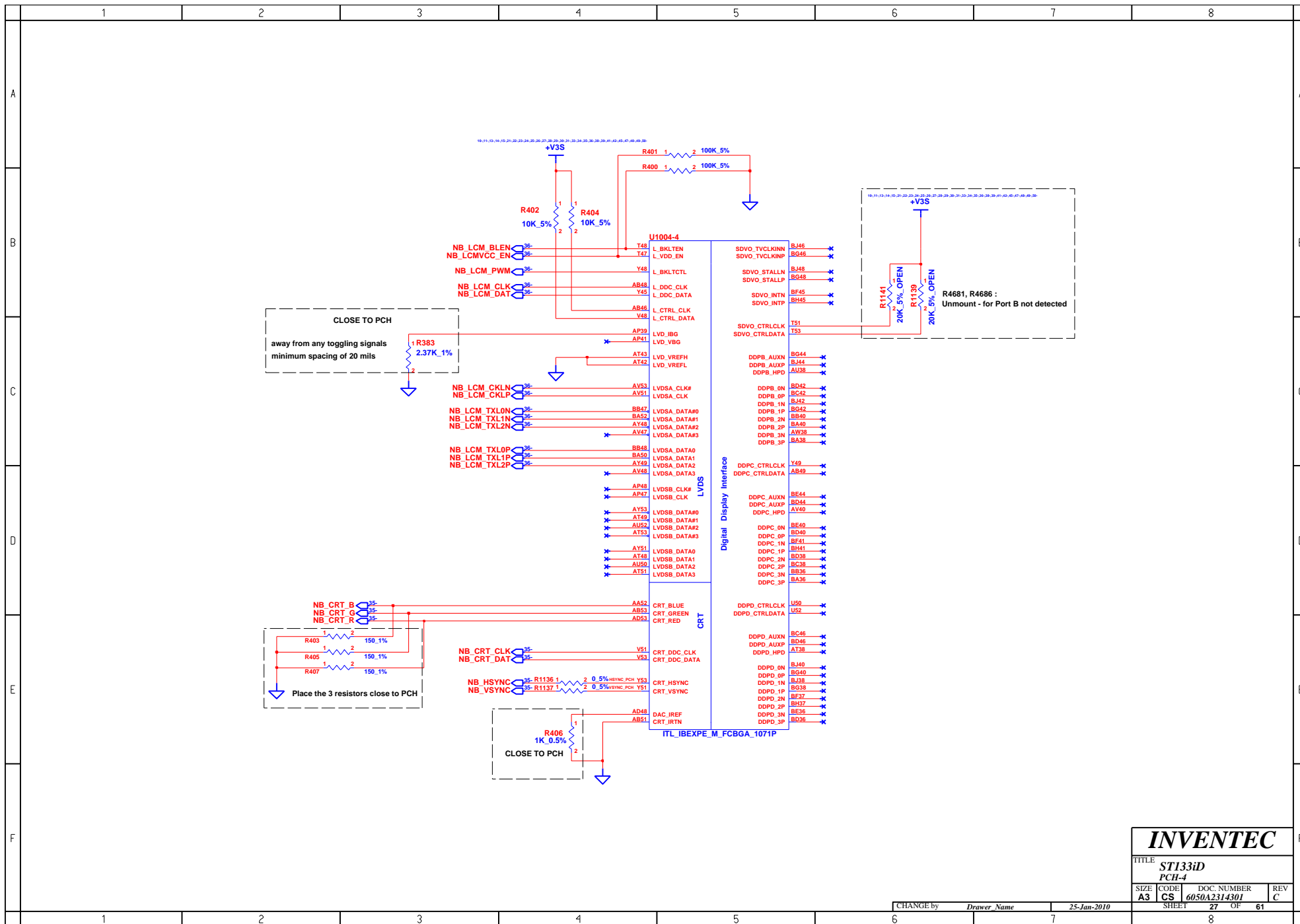
INVENTEC

TITLE
ST133iD
PCH-3

SIZE A3	CODE CS	DOC. NUMBER 6050A2314301	REV C
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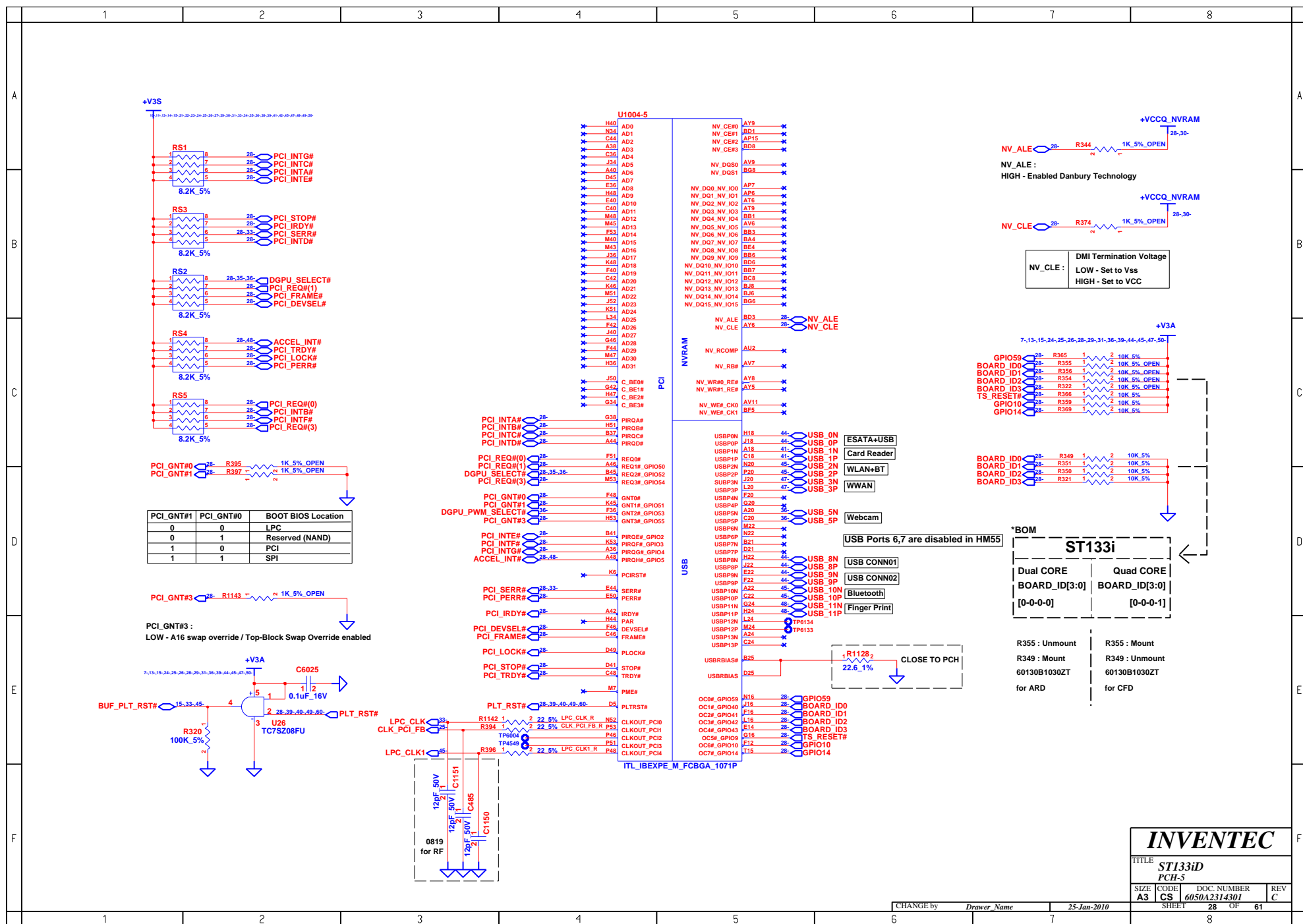
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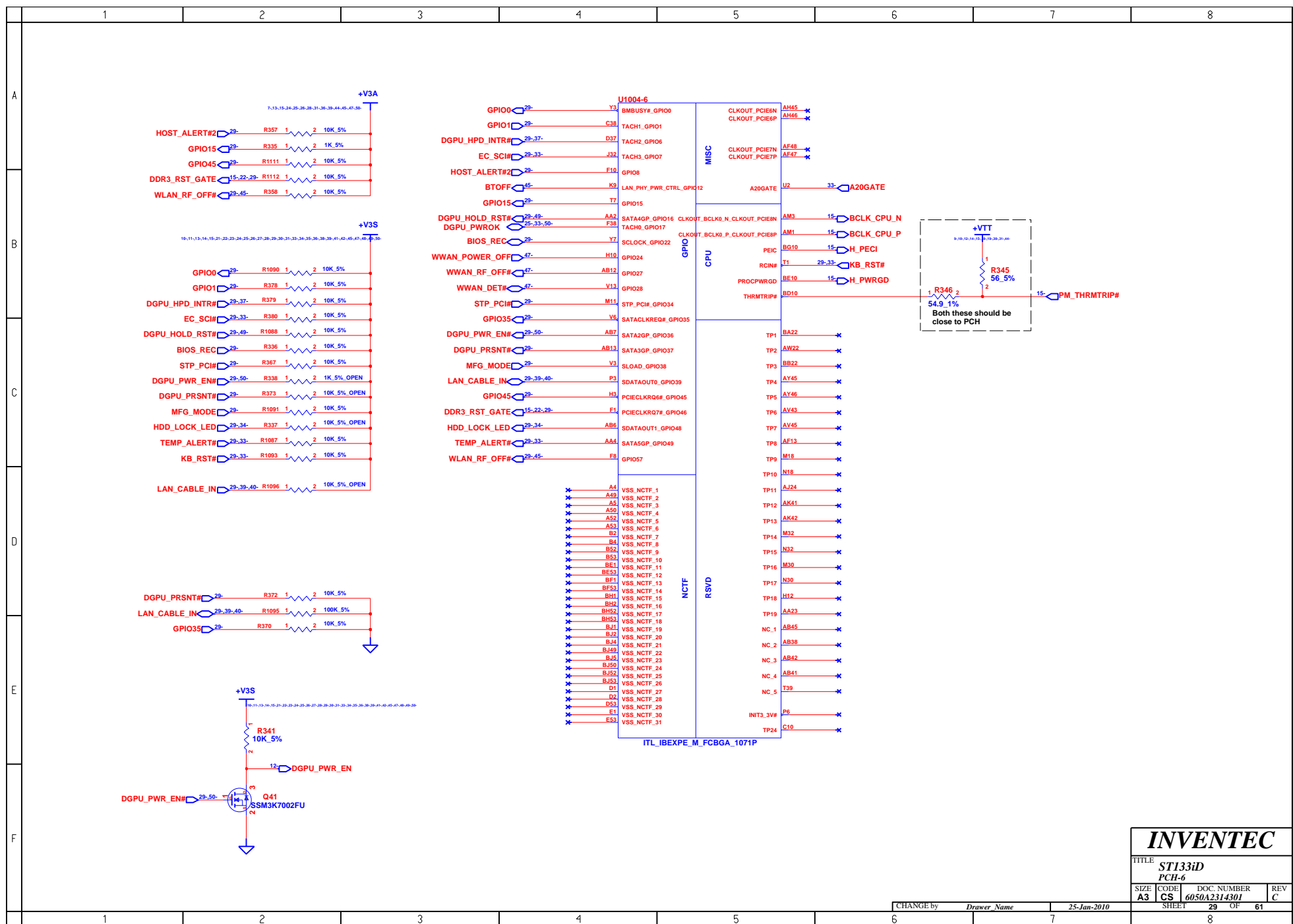
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ST133iD
PCH-4

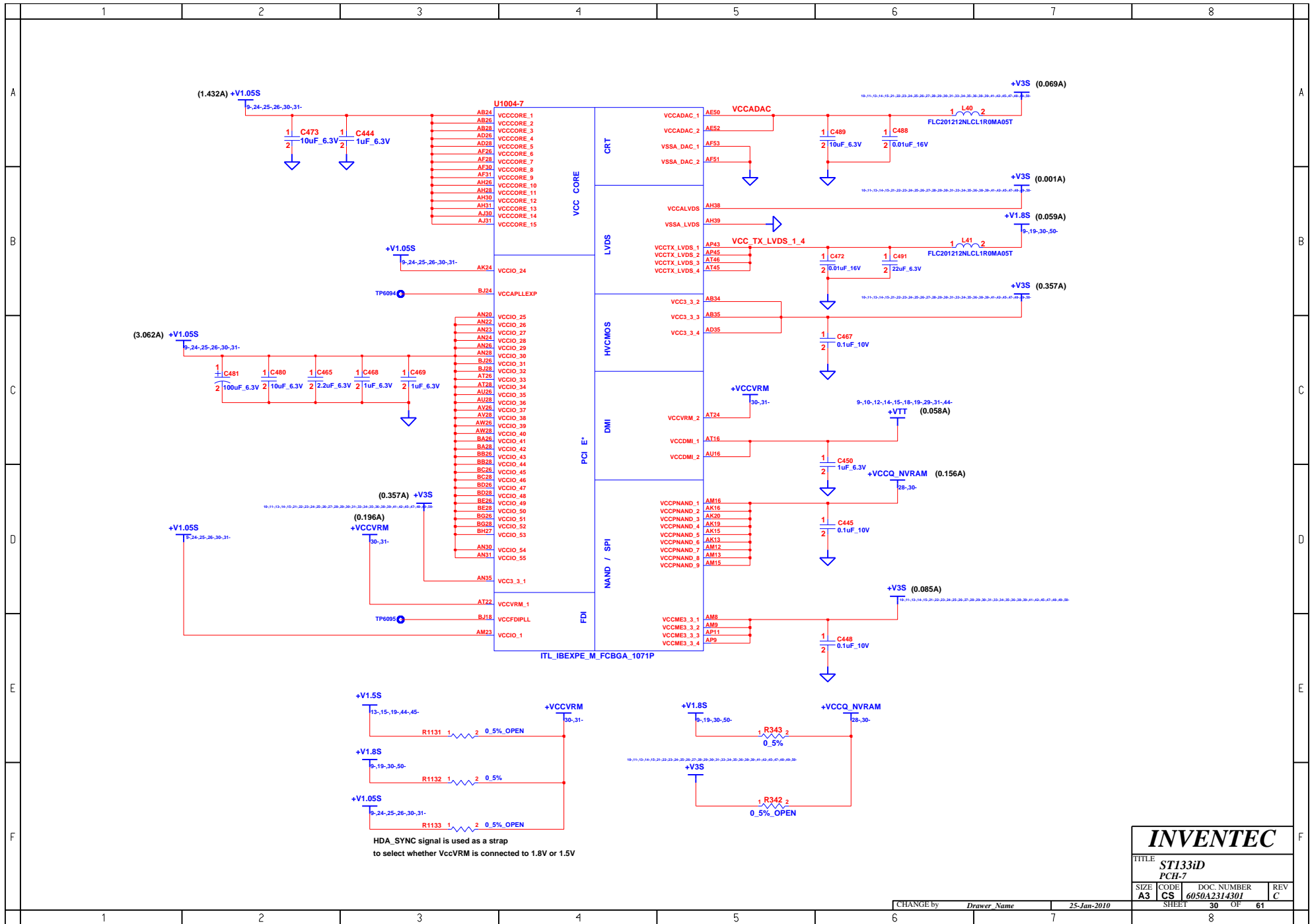
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CHANGE by: Drawer Name 25-Jan-2010

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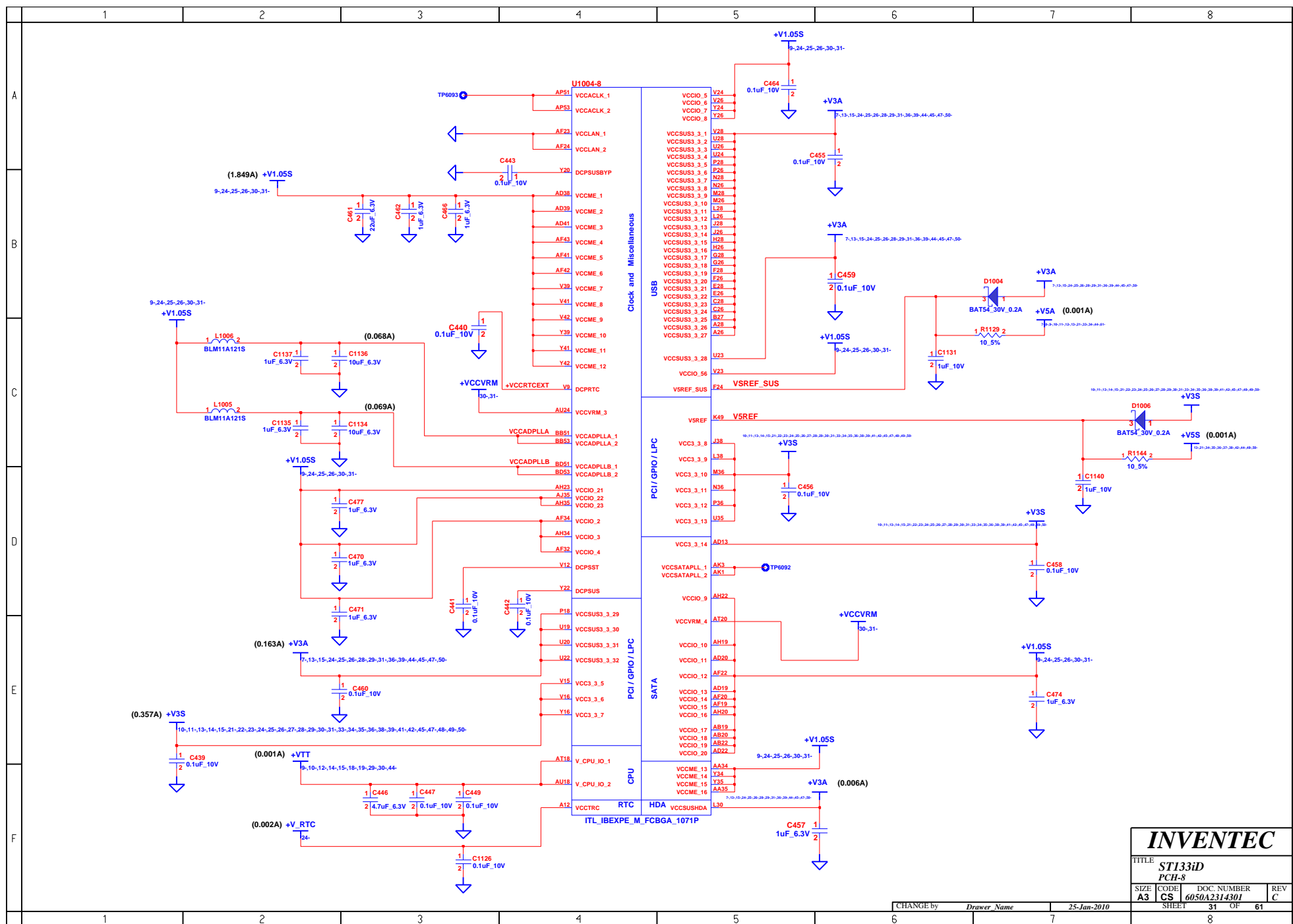


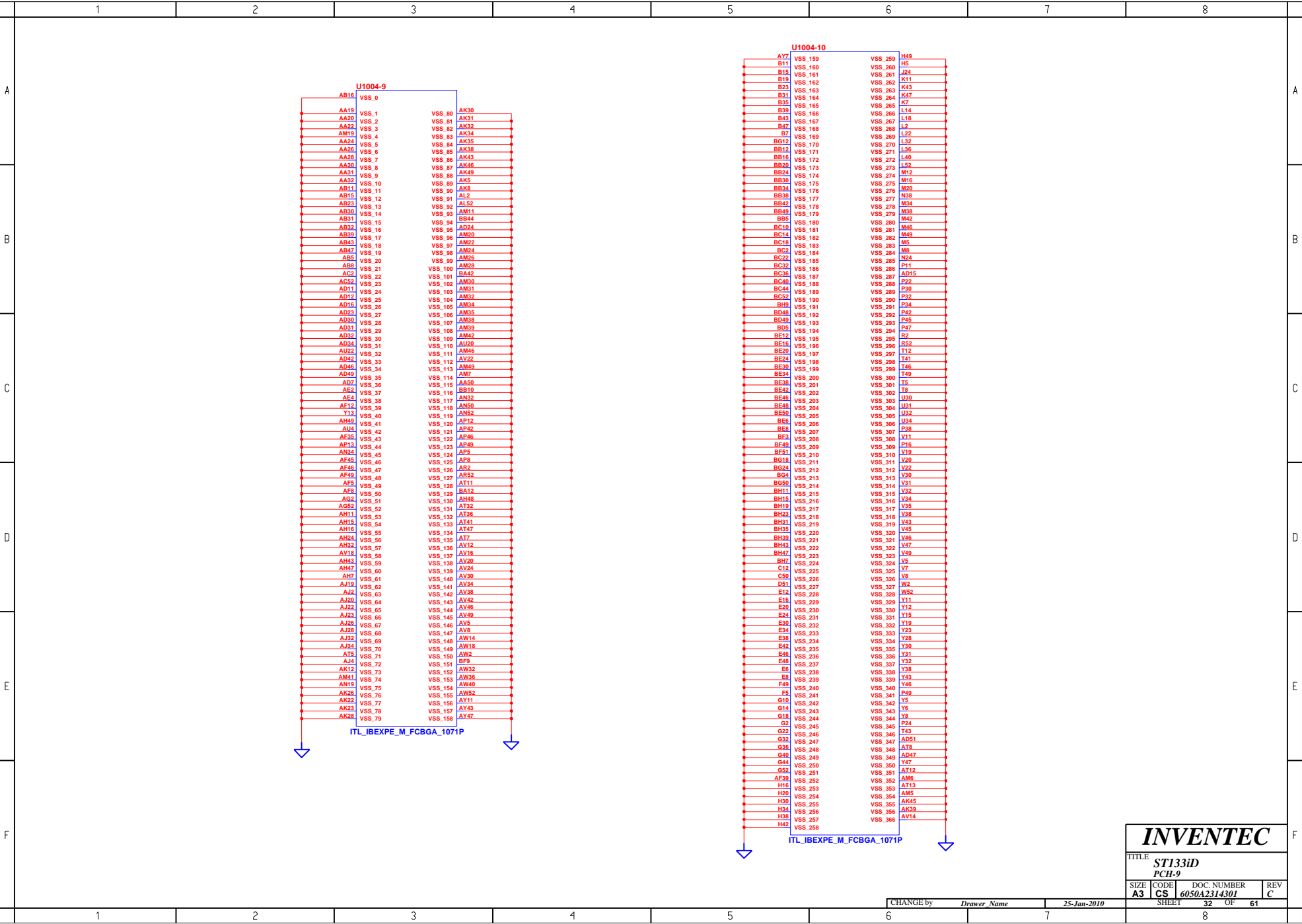


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TITLE ST133iD PCH-7			
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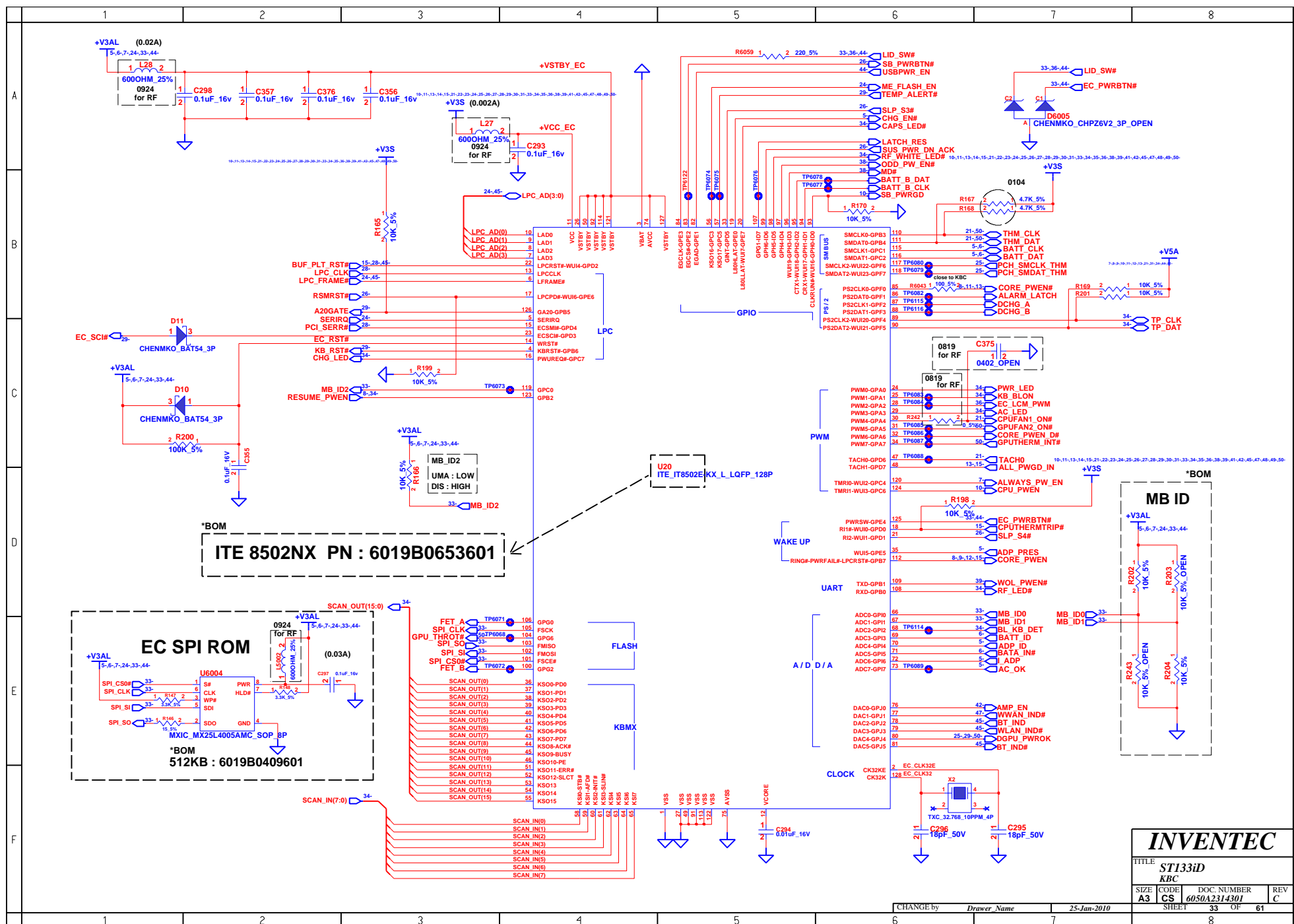


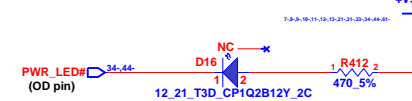
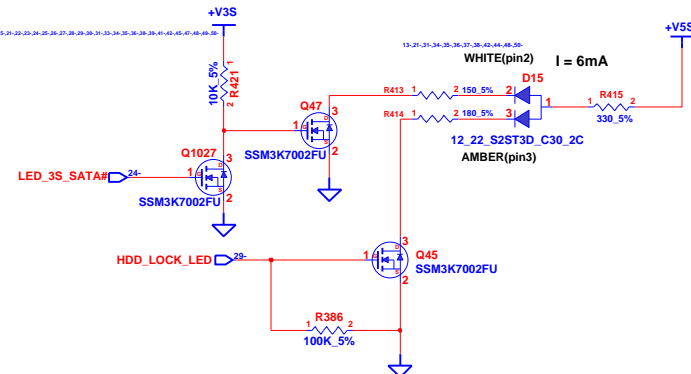
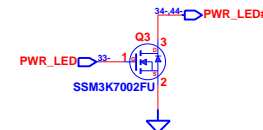
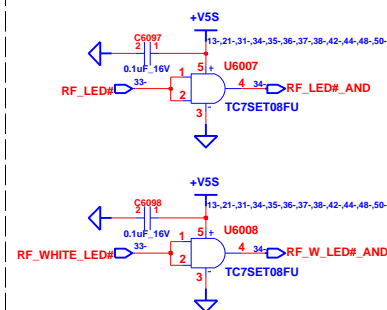
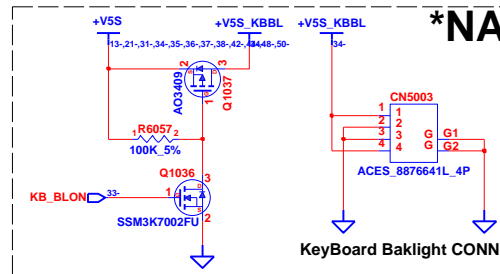
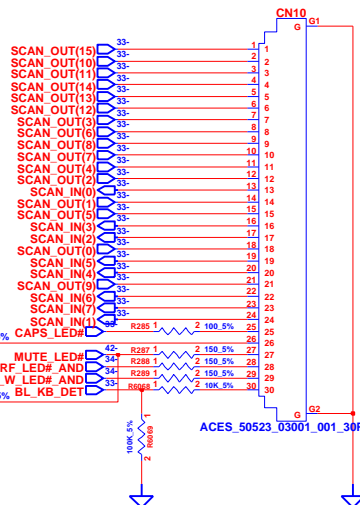
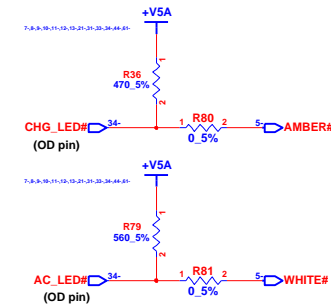
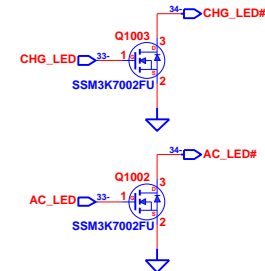
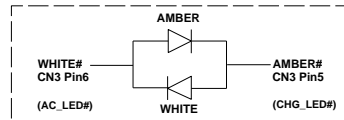
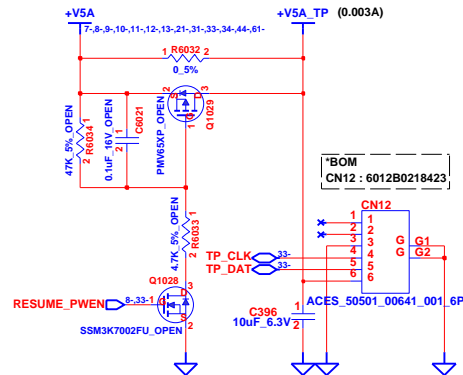


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TITLE	<i>ST133iD</i> <i>Keyboard & TouchPad</i>
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SIZE	CODE	DOC. NUMBER	REV
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A

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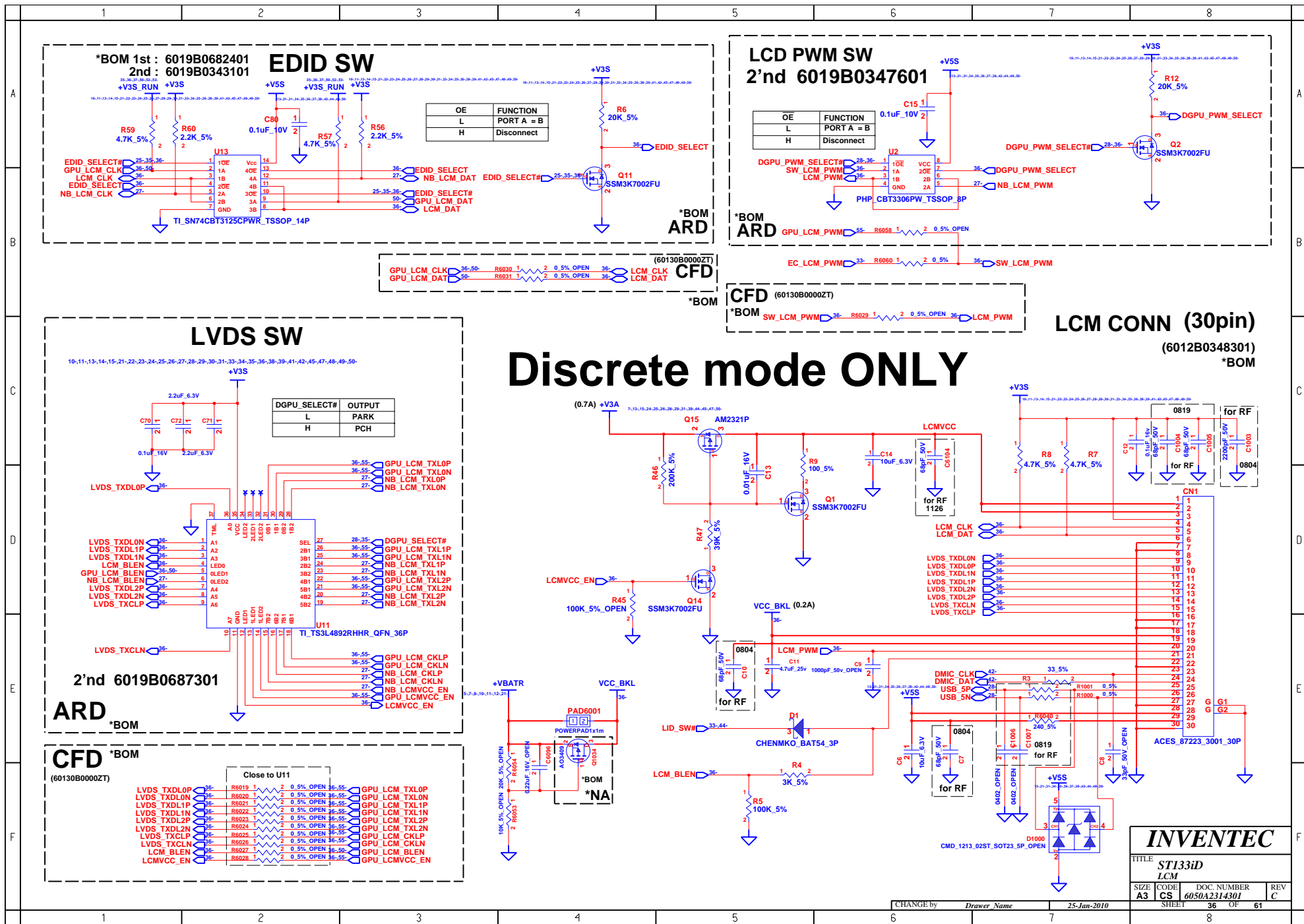
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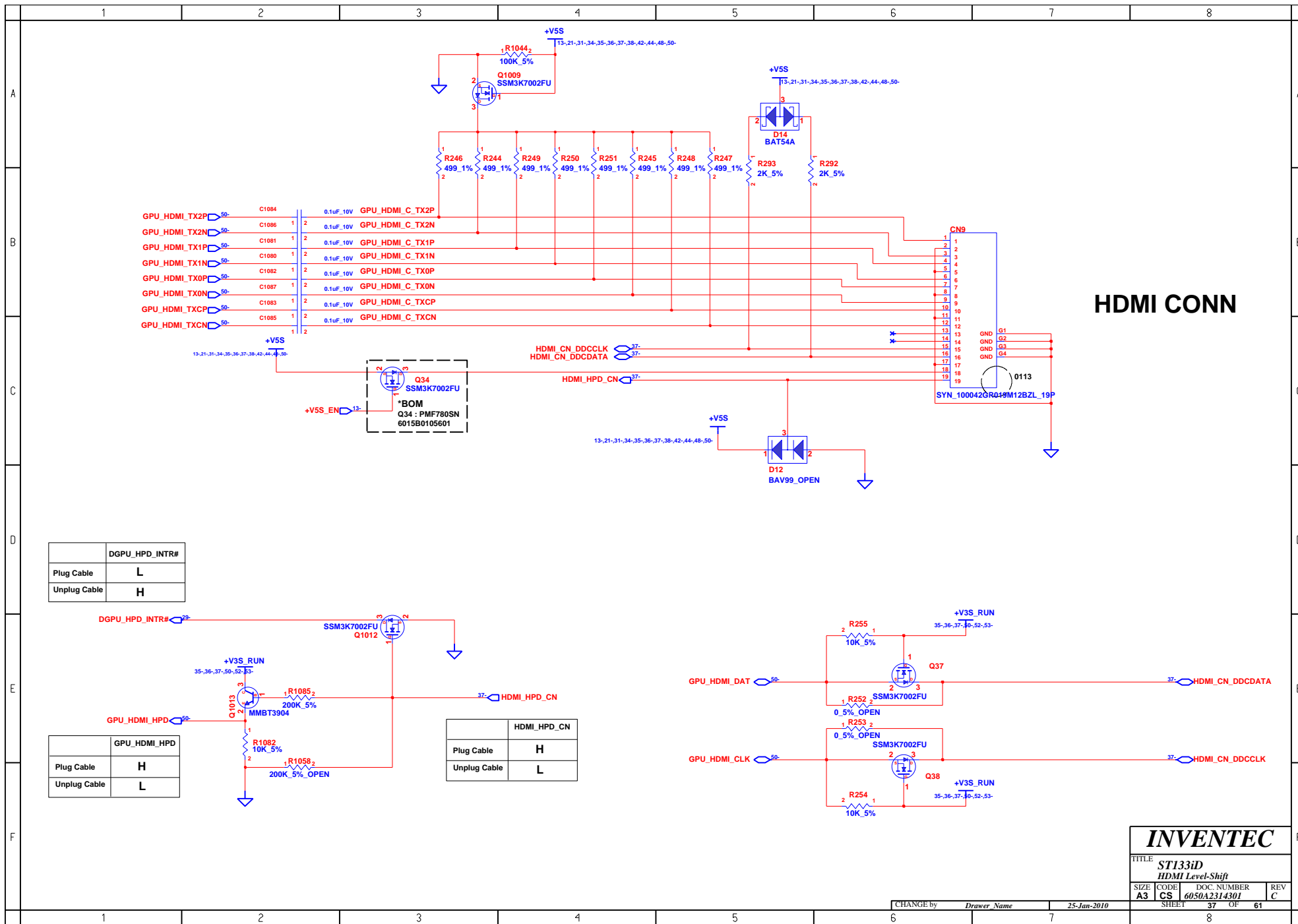
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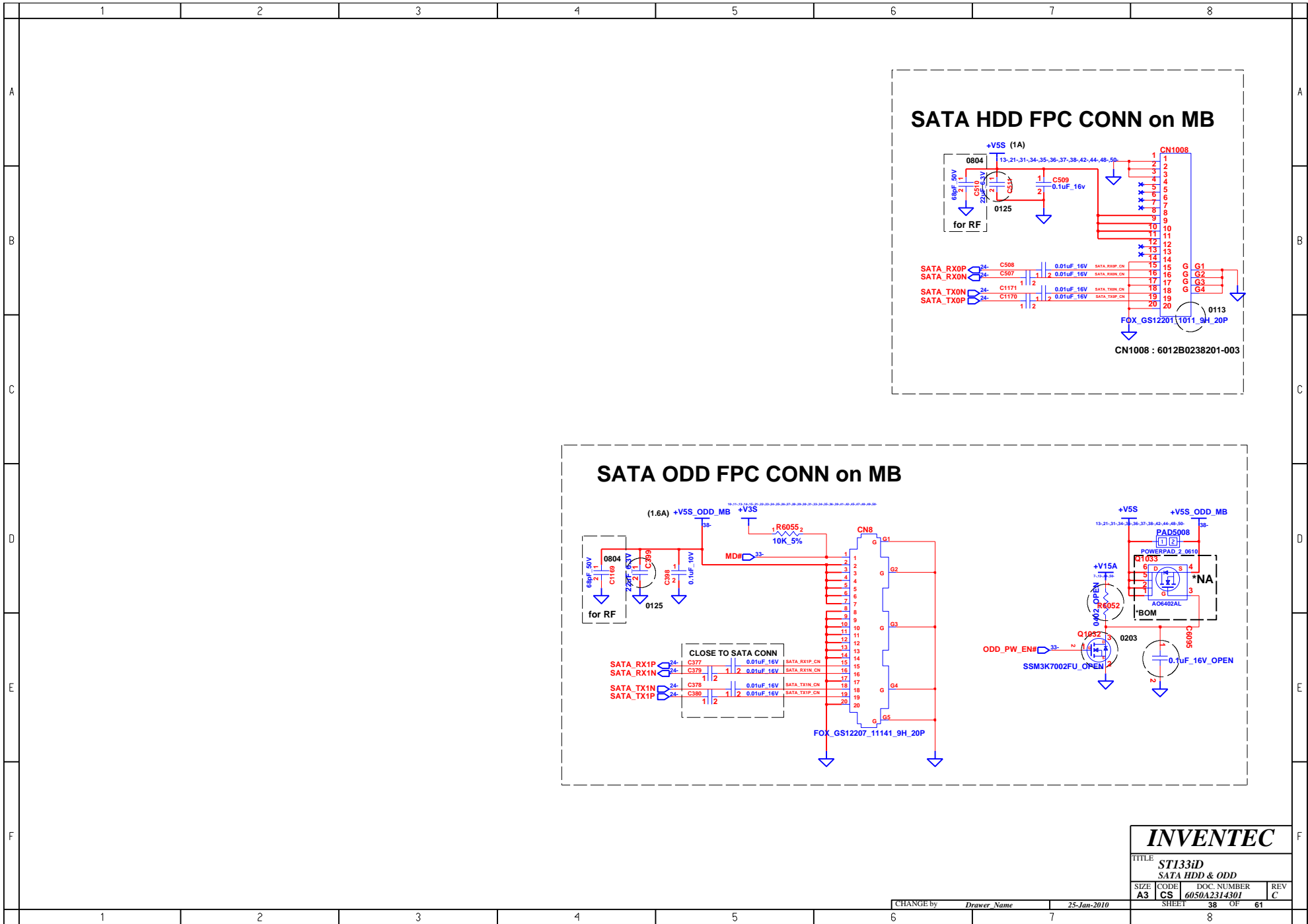
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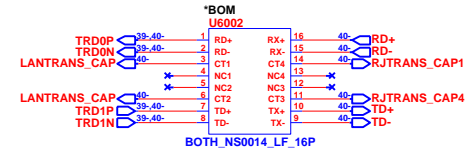
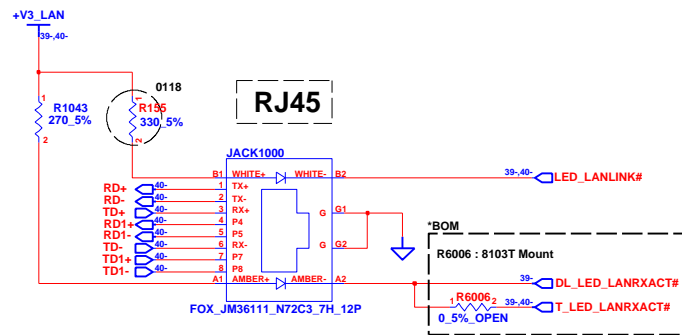
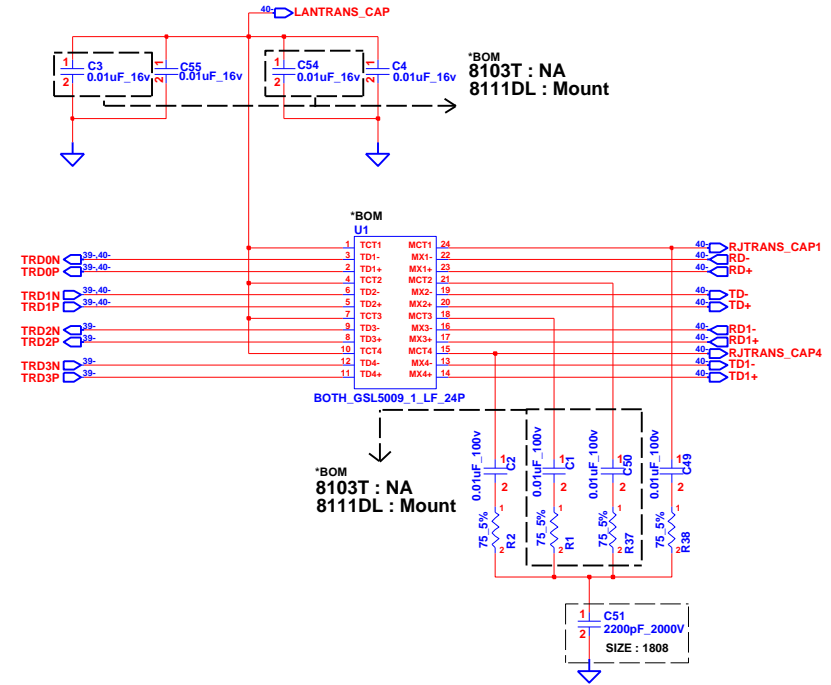
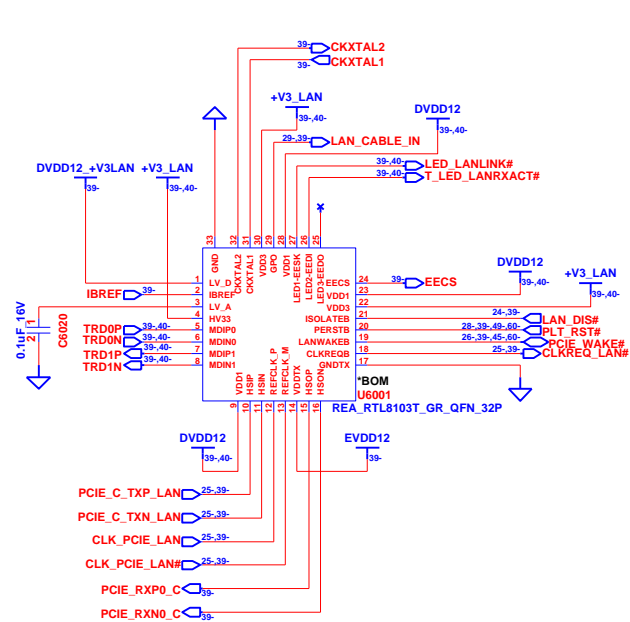
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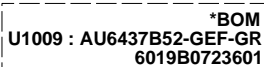


LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible



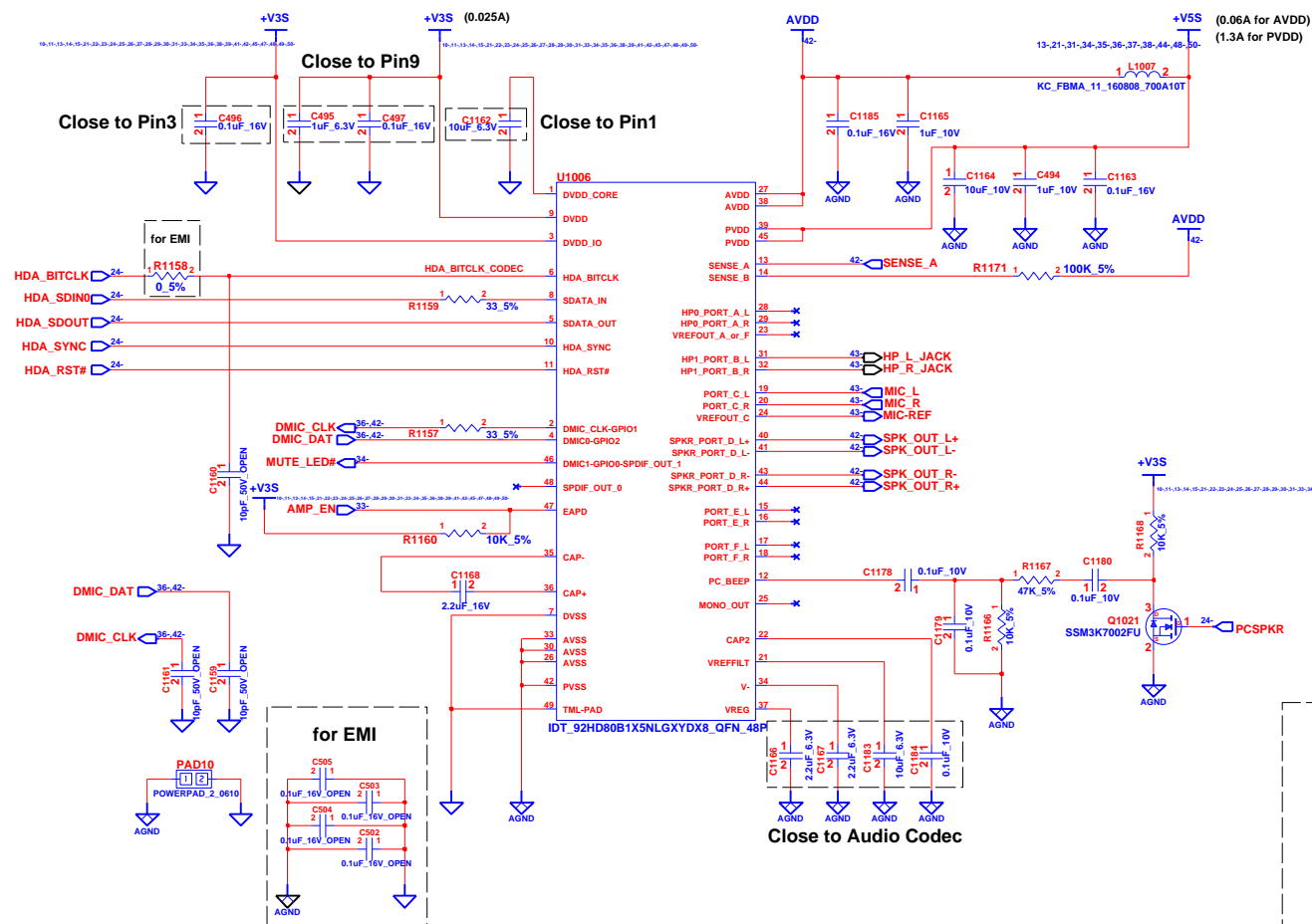
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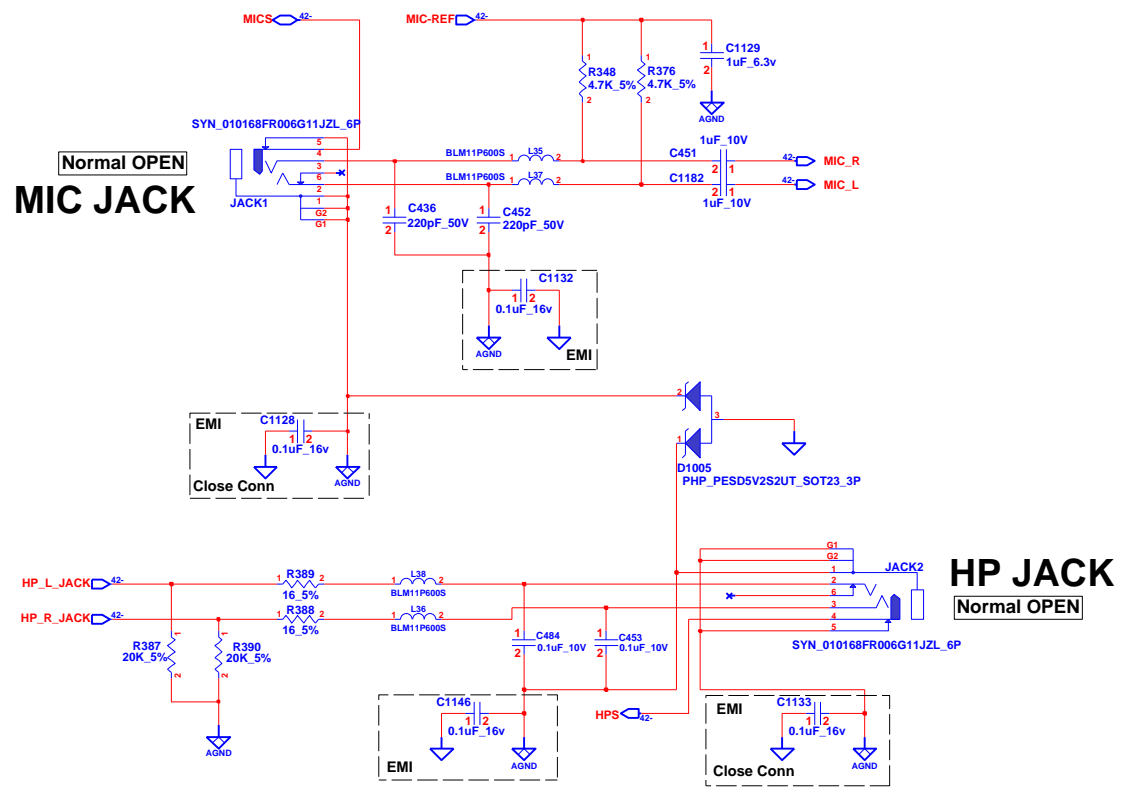


PORT	Discription	Sense
A	NO USE	
B	Headphone	HPS
C	Microphone	MICS
D	SPKR	
E	NO USE	
F	NO USE	

INT-SPEAKER CONN

INVENTEC

SIZE	CODE	DOC. NUMBER	R
A3	CS	6050A2314301	C
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INVENTEC			
TITLE			
ST133iD			
HP JACK & MIC JACK			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2314301	C
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A



D



F

A



1

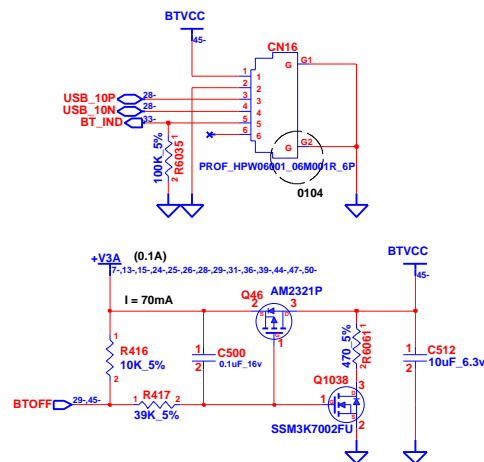


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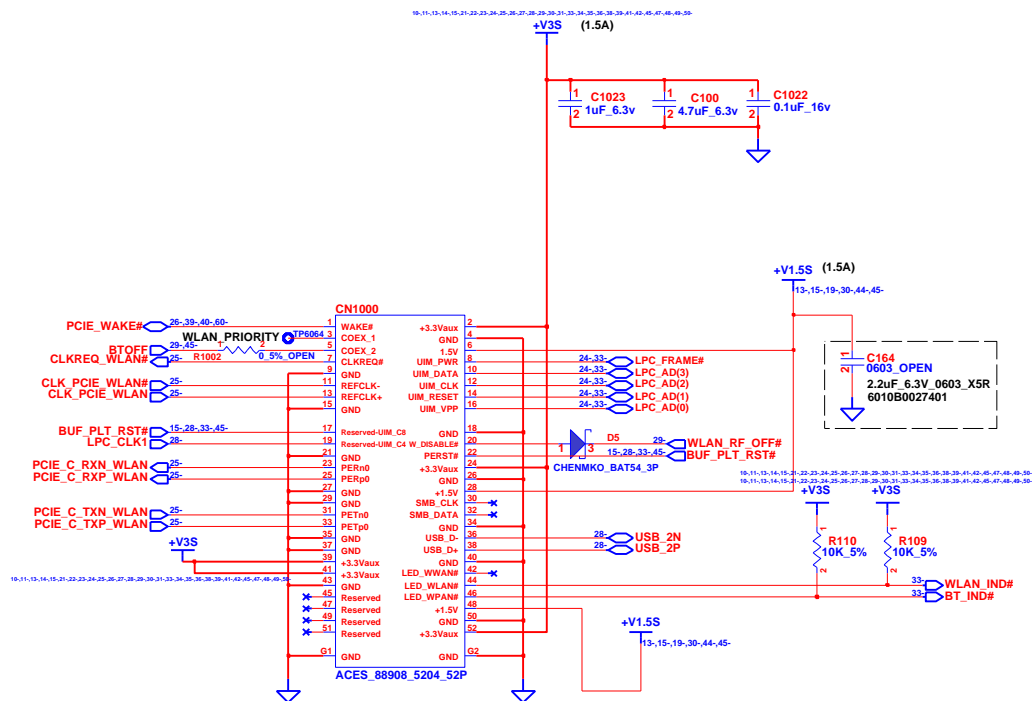


SIZE A3	CODE CS	DOC. NUMBER 6050A2314301	REV C
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BLUETOOTH CONN



WLAN CONN (MINICARD)



***BOM**
CN1000 : 6026B0184301

INVENTEC

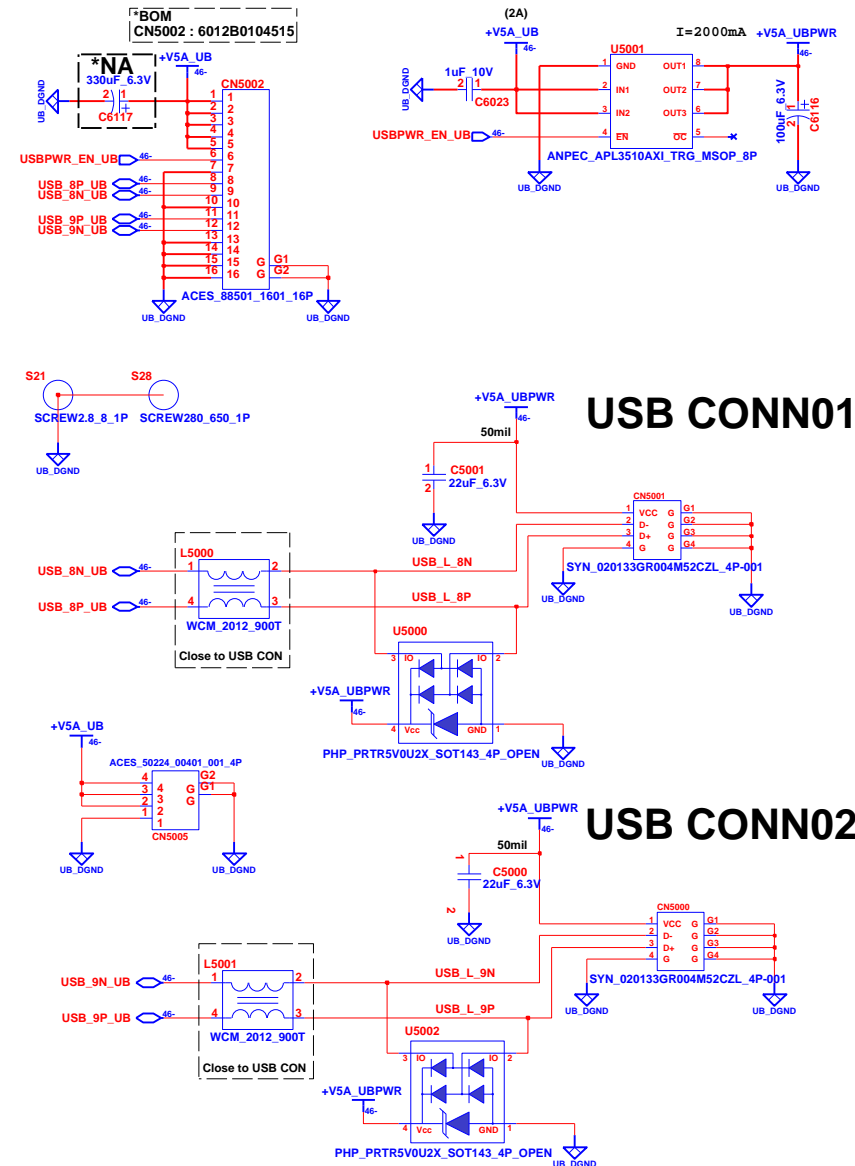
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ST133iD
WLAN, BT & WebCAM

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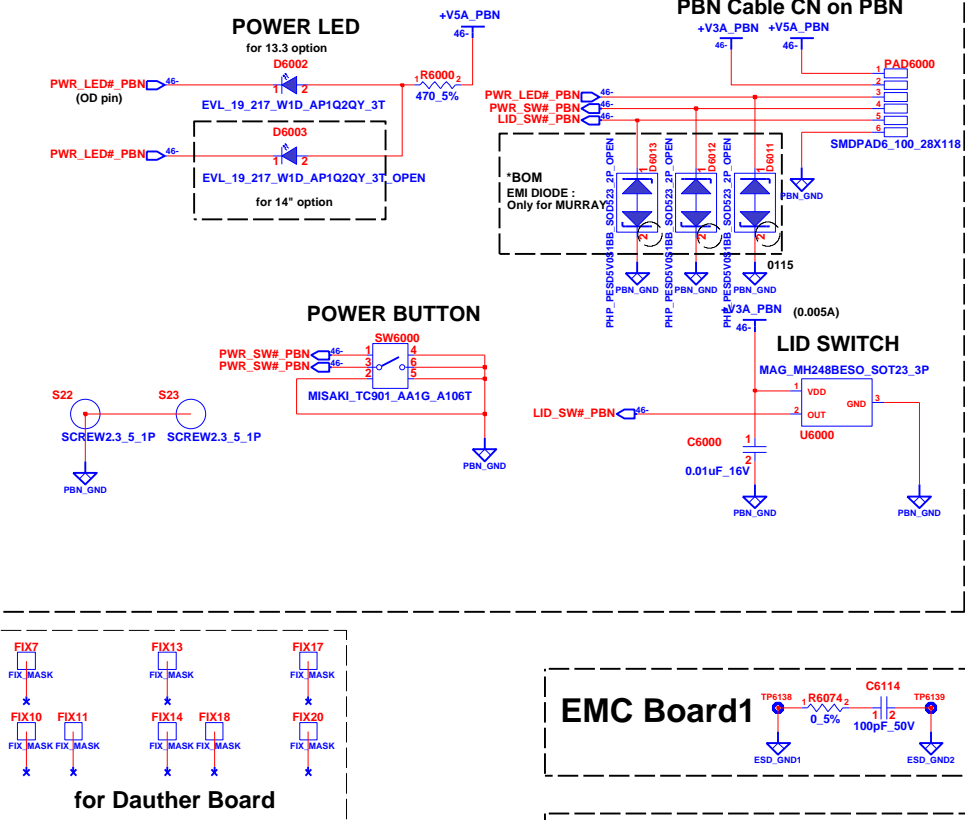
CHANGE by	Drawer Name	25-Jan-2010
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SHEET	45	OF	61
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USB BOARD



Power Button Board

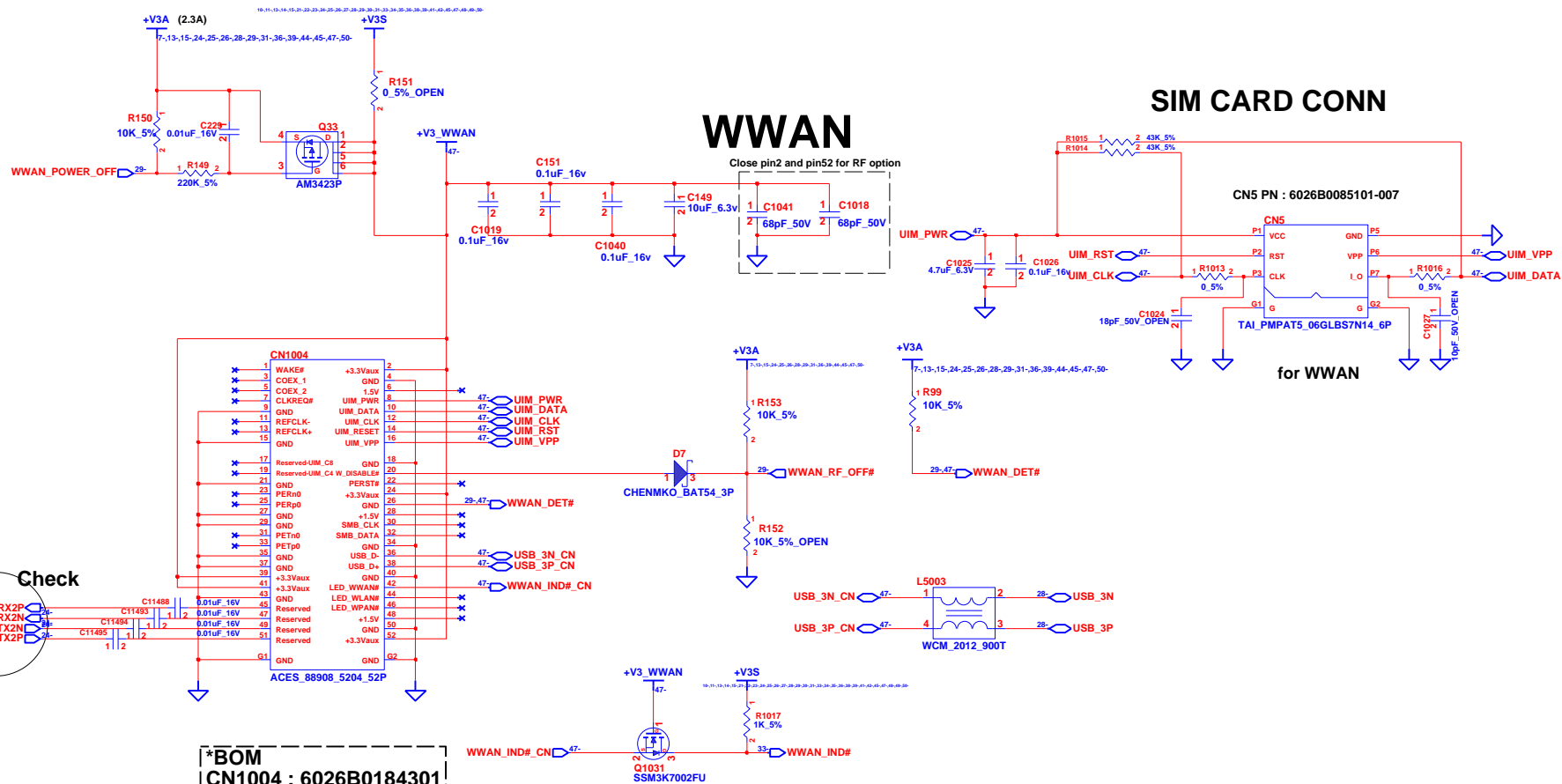


EMC Board1

EMC Board2

INVENTEC			
TITLE ST133iD USB, PowerButton (DB)			
SIZE A3	CODE CS	DOC NUMBER 6050A2314301	REV C
CHANGE by Drawer Name		25-Jan-2010	
SHEET 46		OF 61	

OPTION PART

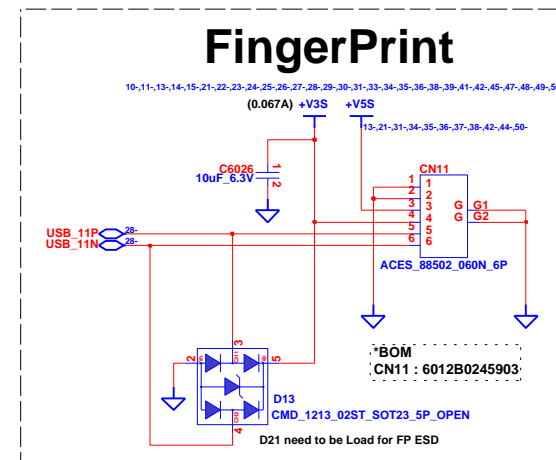
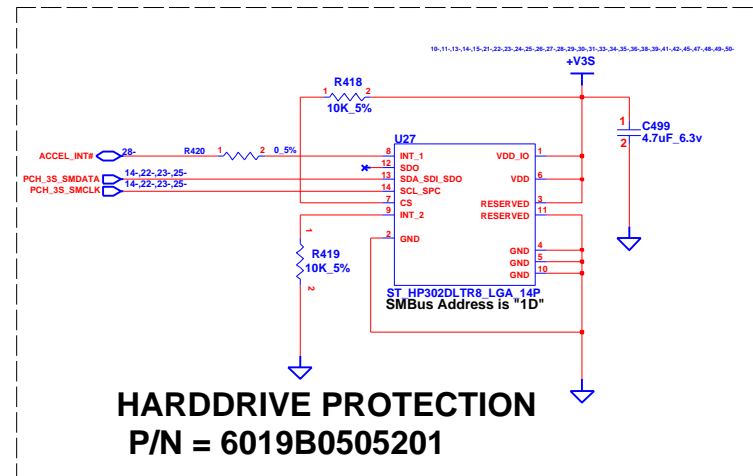


INVENTEC

TITLE			
ST133iD			
WWAN(Optional)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2314301	C
SHEET		47	OF 61

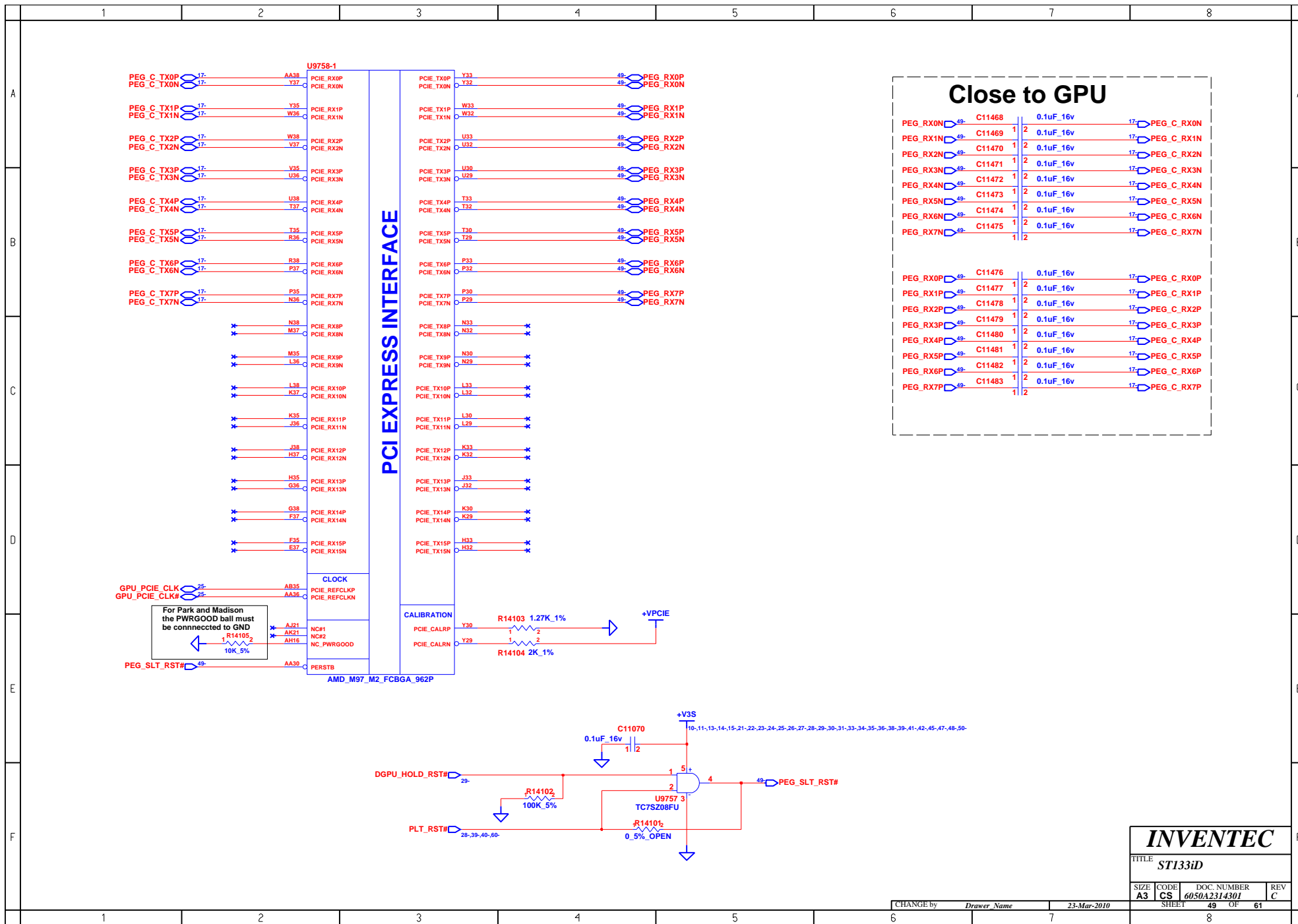
CHANGE by *Drawer Name* 25-Jan-2010

OPTION PART

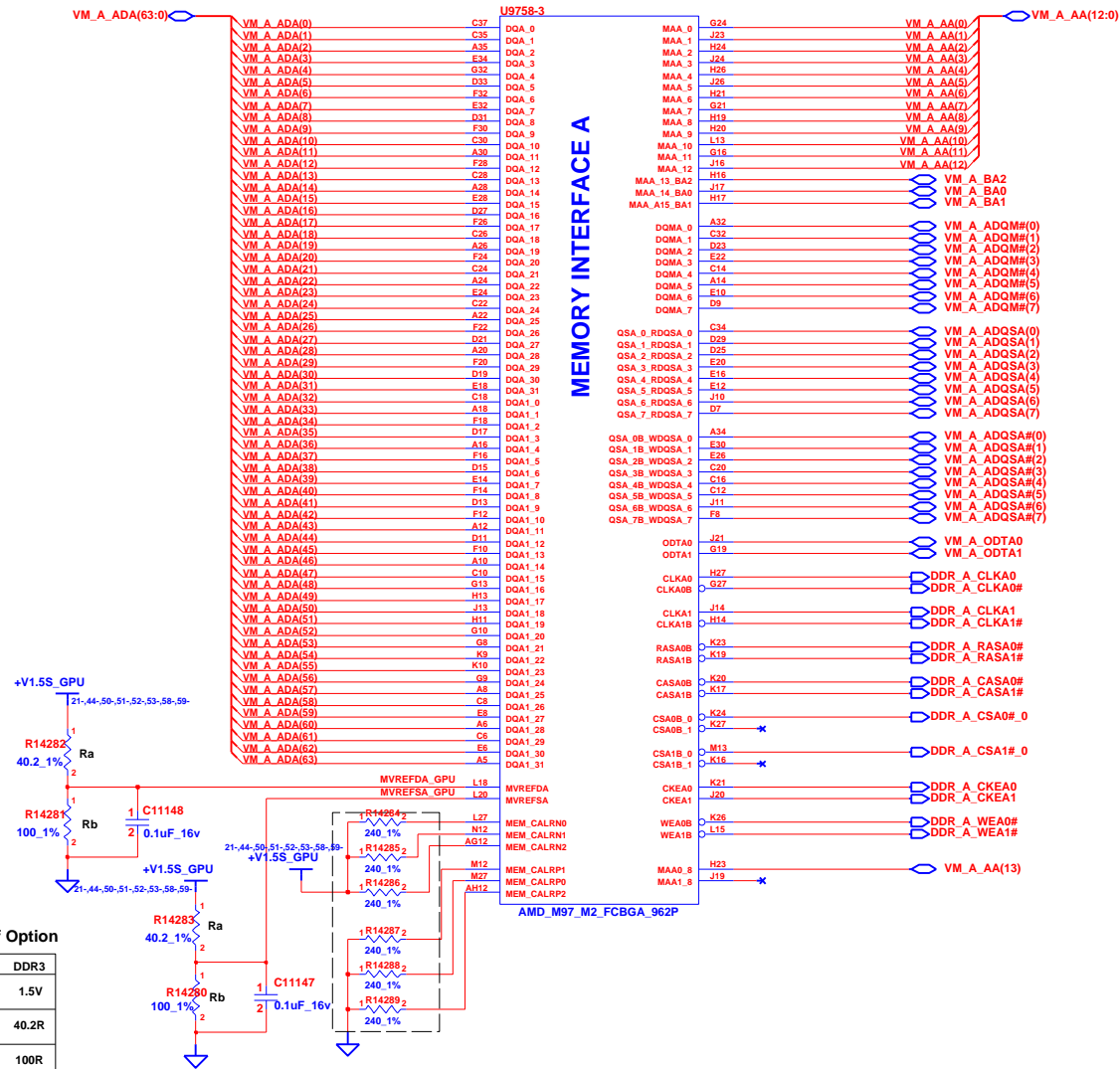


INVENTEC			
TITLE			
ST133iD			
Touchscreen, FP & HD LOCK(Option)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2314301	C
SHEET		48	OF 61

CHANGE by *Drawer Name* 25-Jan-2010



Channel A



INVENTEC

TITLE
ST133iD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2314301	C

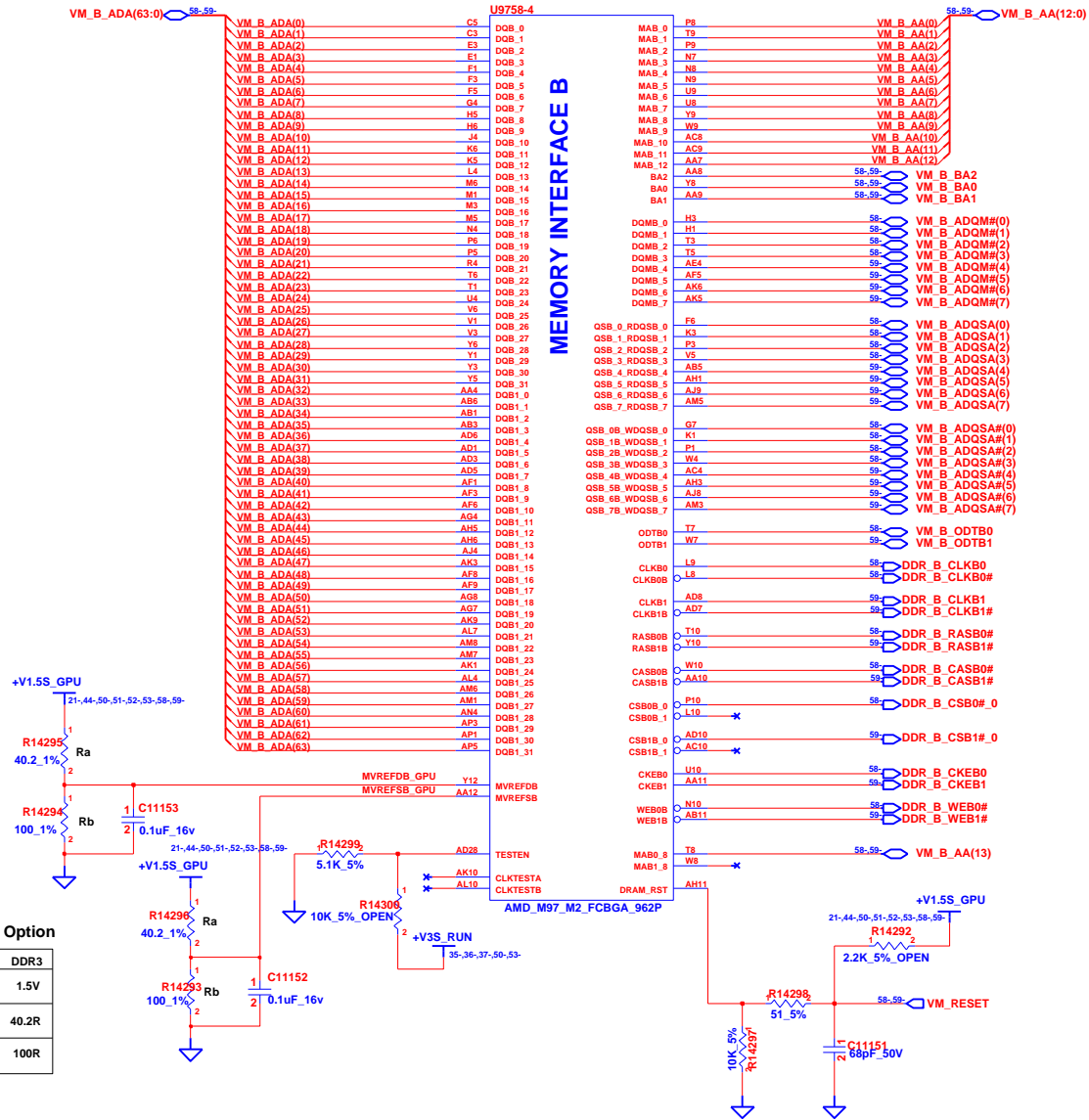
CHANGE by: Drawer Name 23-Mar-2010

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Channel B

DDR3/GDDR3Memory Stuff Option

	GDDR5	GDDR3	DDR3
MVDDQ	1.5V	1.8V/1.5V	1.5V
Ra	40.2R	40.2R	40.2R
Rb	100R	100R	100R



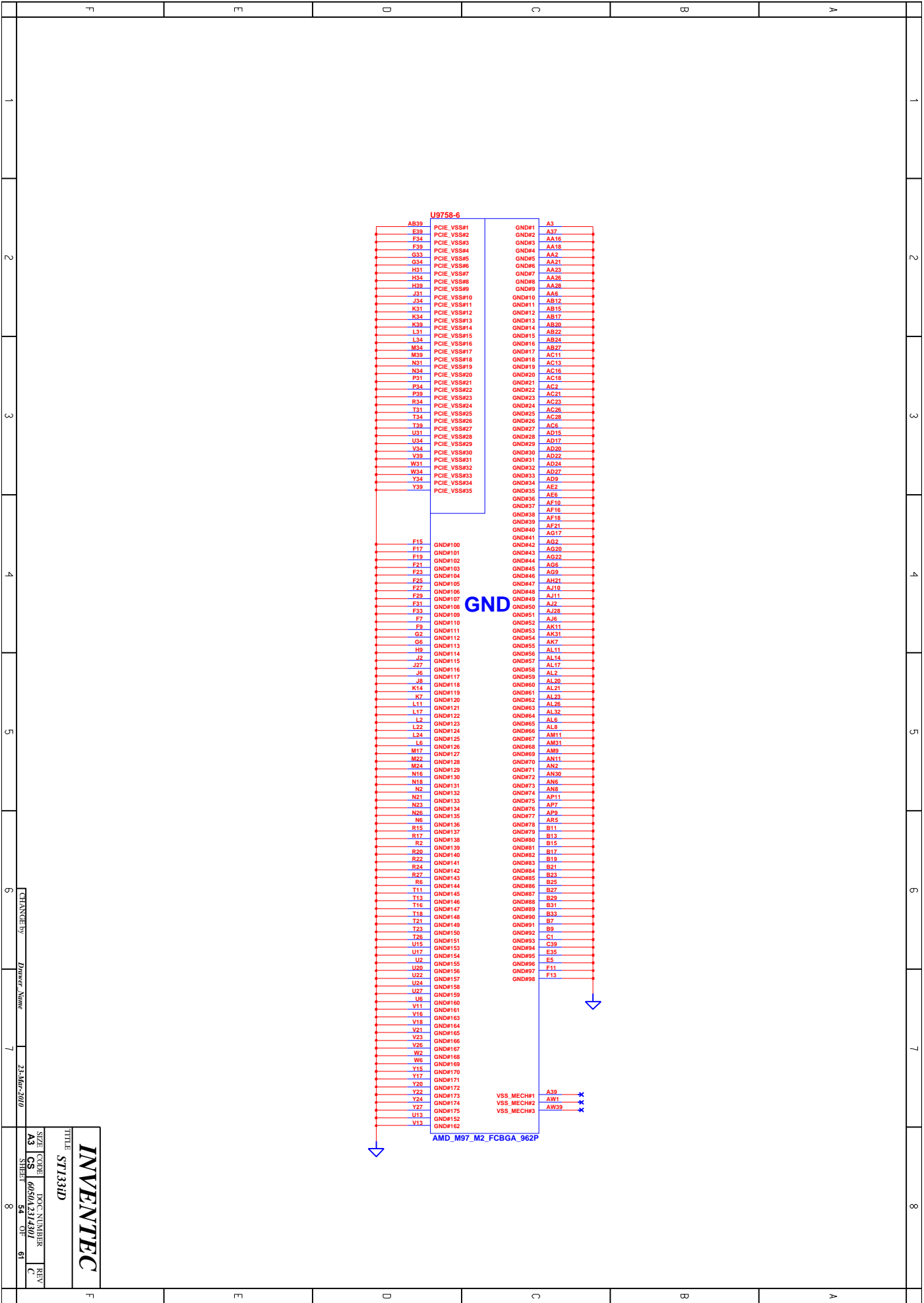
INVENTEC

TITLE
ST133iD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	6050A2314301	C

CHANGE by Drawer Name 23-Mar-2010

SHEET 52 OF 61

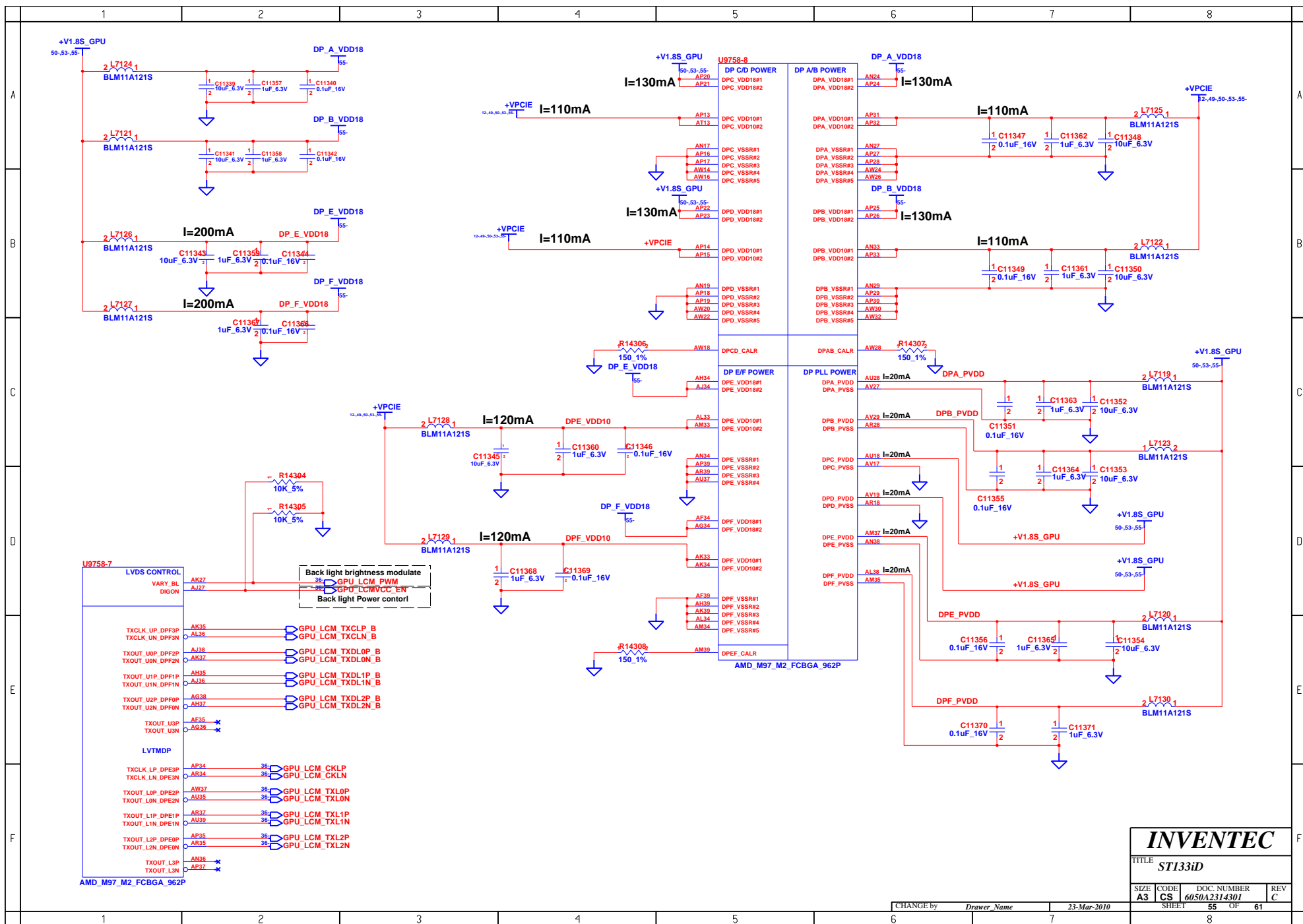


INVENTEC
TITLE
ST1331D

SIZE CODE DOC NUMBER REV
A3 CS 0650A2314301 C

CHANGE BY Drawn Name 21-Mar-2010

8

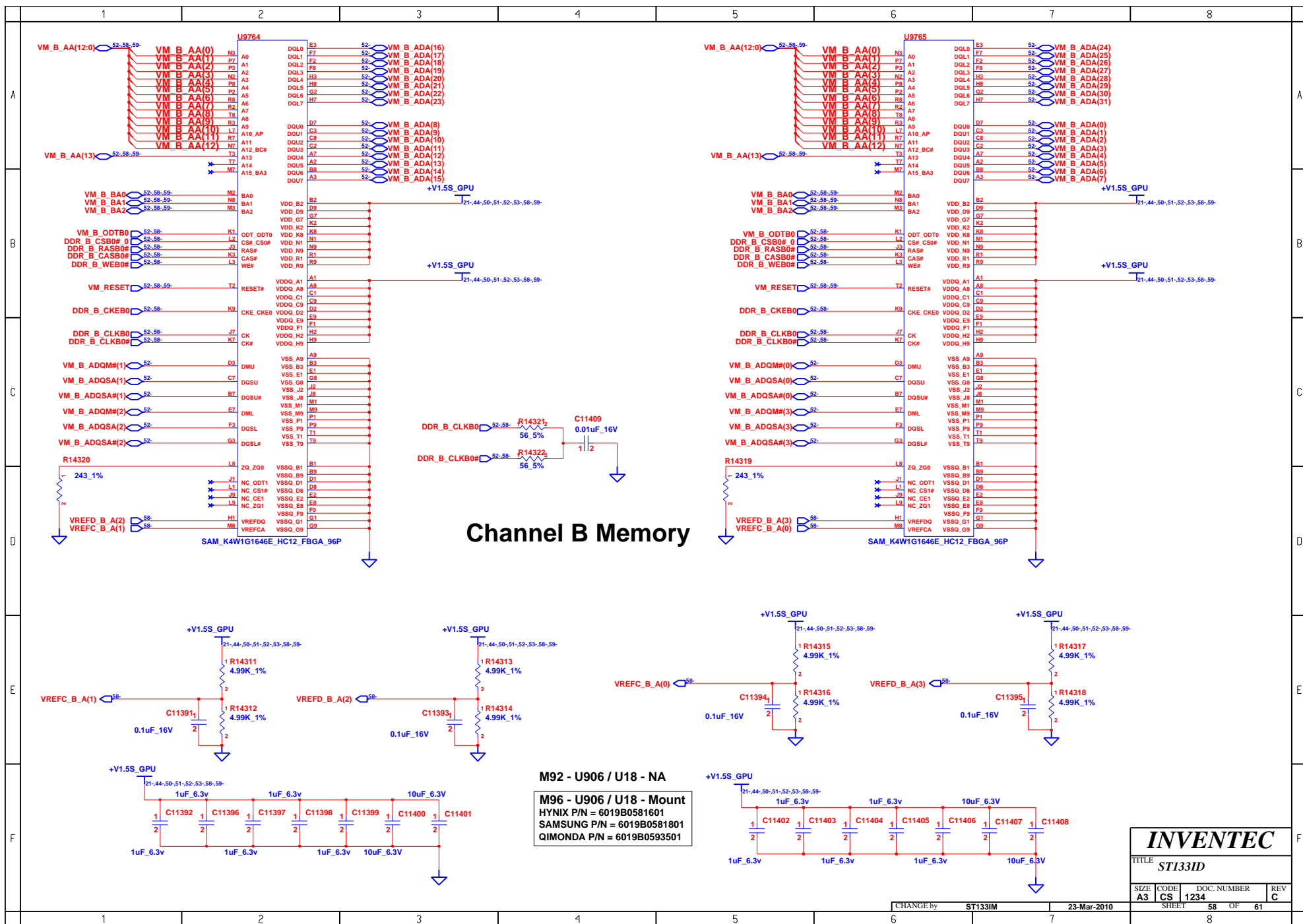


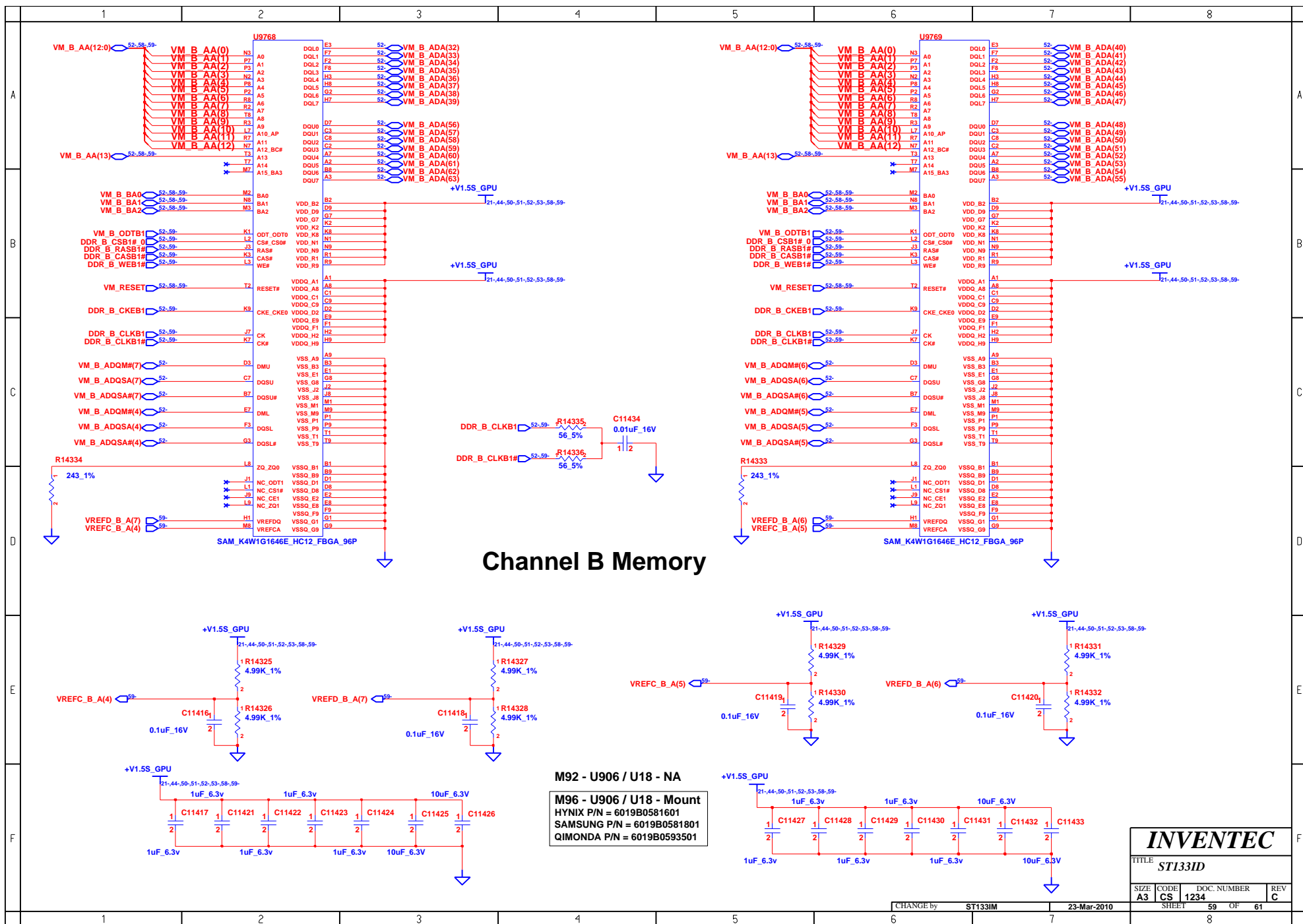
	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
						CHANGE by <i>Drawer Name</i>		23-Mar-2010	
1	2	3	4	5	6	7	8		

INVENTEC			
TITLE <i>ST133iD</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>6050A2314301</i>	REV <i>C</i>
SHEET		56	OF 61

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
						CHANGE by		23-Mar-2010	
						ST133IM			
						6		7	8

INVENTEC			
TITLE <i>ST133ID</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1234	C
SHEET		57	OF 61





[illegible]

TITLE			
ST133ID USB3.0			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1234	C
SHEET 61 OF 61			

CHANGE by		RFQKE	26-Mar-2010	A3	CS	1234	C
				SHEET		61	OF 61