

8 7 6 5 4 3 2 1
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F HSF Property: ROHS or Halogen-Free(5L3?)

2012 DOLPHIN10

2011.09.09

21-OCT-2009		
DATE	CHANGE NO.	REV

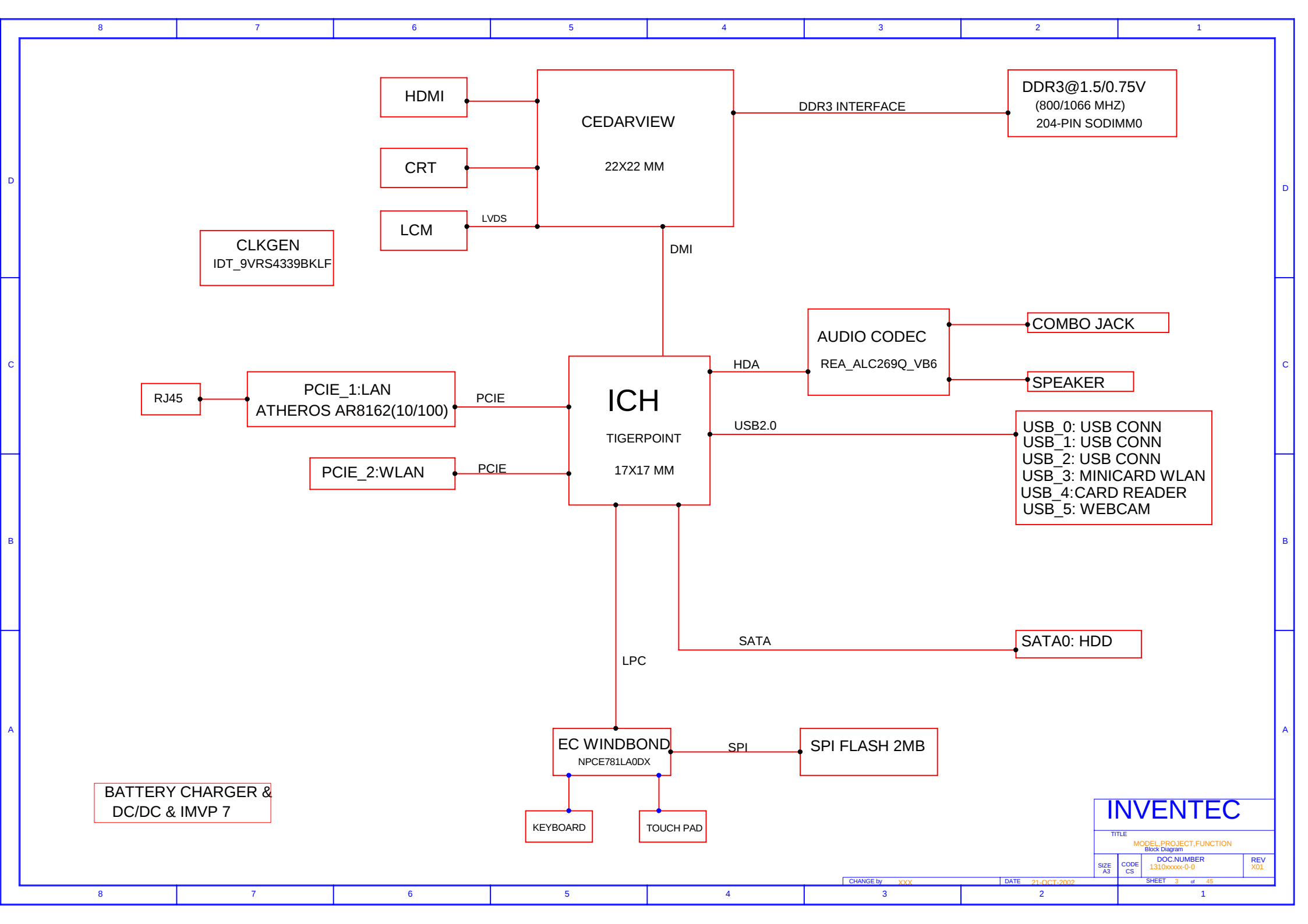
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DRAWER								
DESIGN								
CHECK								
RESPONSIBLE								
SIZE				VER	SIZE	CODE	DOC. NUMBER	REV
FILE NAME					C	CS	13100000X-0-0	X01
PIN	XXX				SHEET 1 of 45			

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INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01



INVENTEC

TITLE

MODEL,PROJECT,FUNCTION
Block Diagram

SIZE
A3

CODE
CS

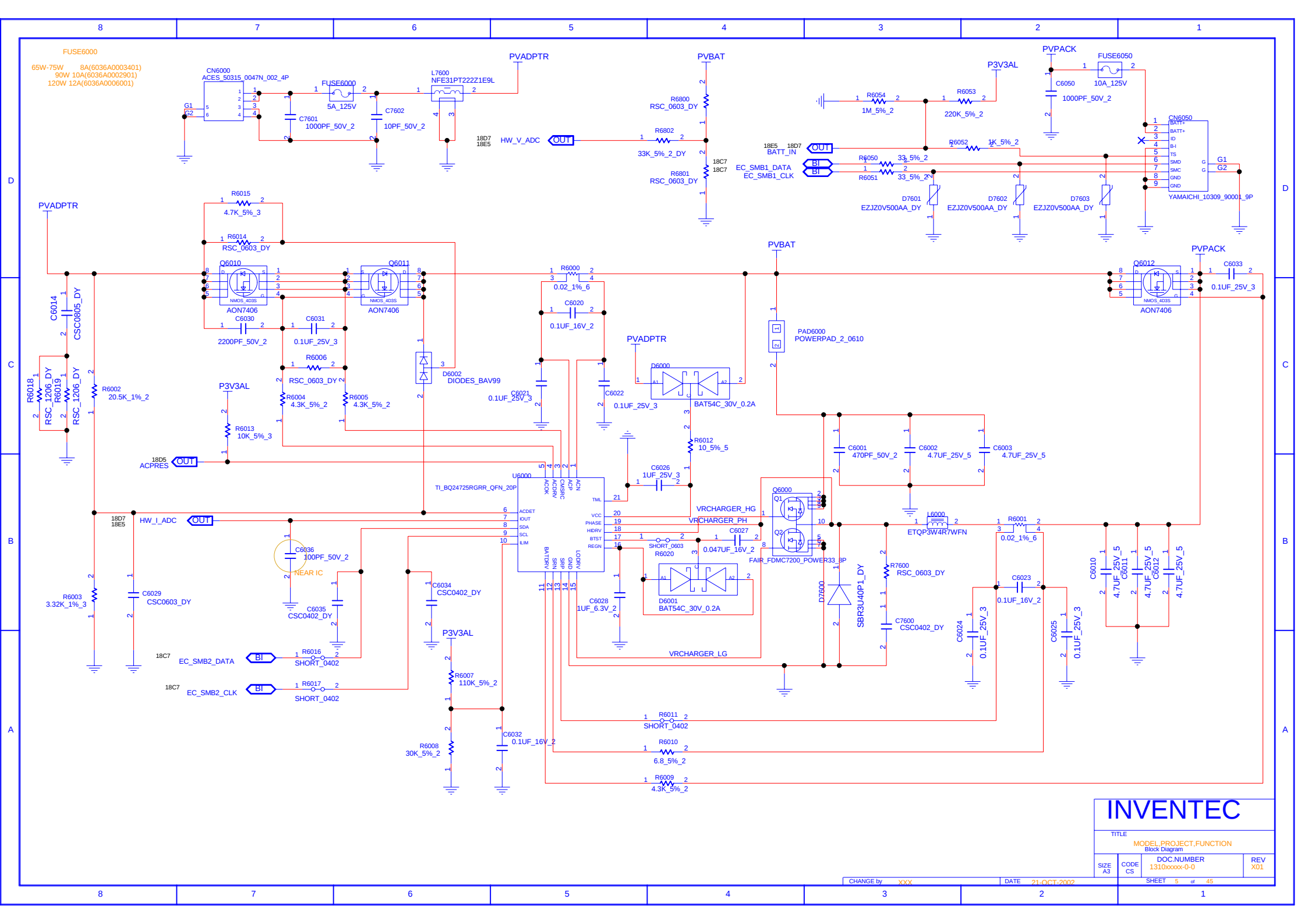
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CHANGE by XXX

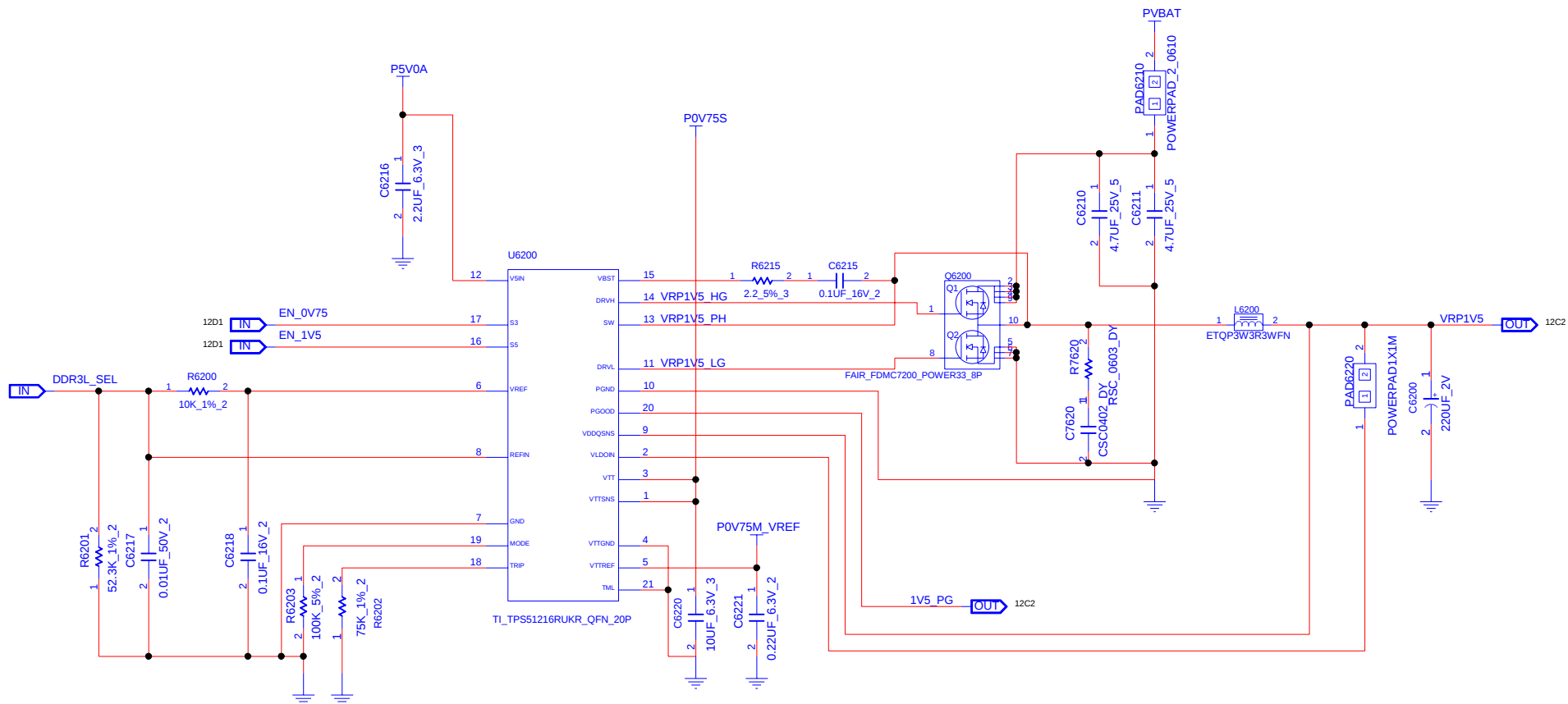
DATE 21-OCT-2002

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INVENTEC

TITLE			
MODEL PROJECT FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01



VOUT=REFIN=1.8*(R6201/(R6200+R6201))
MODE=100KOHM:TRACKING DISCHARGE

STATE	S3	S5	VREF	VDDQ	VTTREF	VTT
S0	HI	HI	ON	ON	ON	ON
S3	LO	HI	ON	ON	ON	OFF(High-Z)
S4/S5	LO	LO	OFF	OFF(Discharge)	OFF(Discharge)	OFF(Discharge)

INVENTEC

TITLE

MODEL,PROJECT,FUNCTION

Block Diagram

SIZEA3

CODECS

DOCNUMBER

1310xxxx-0-0

REV

X01

CHANGE by

XXX

DATE

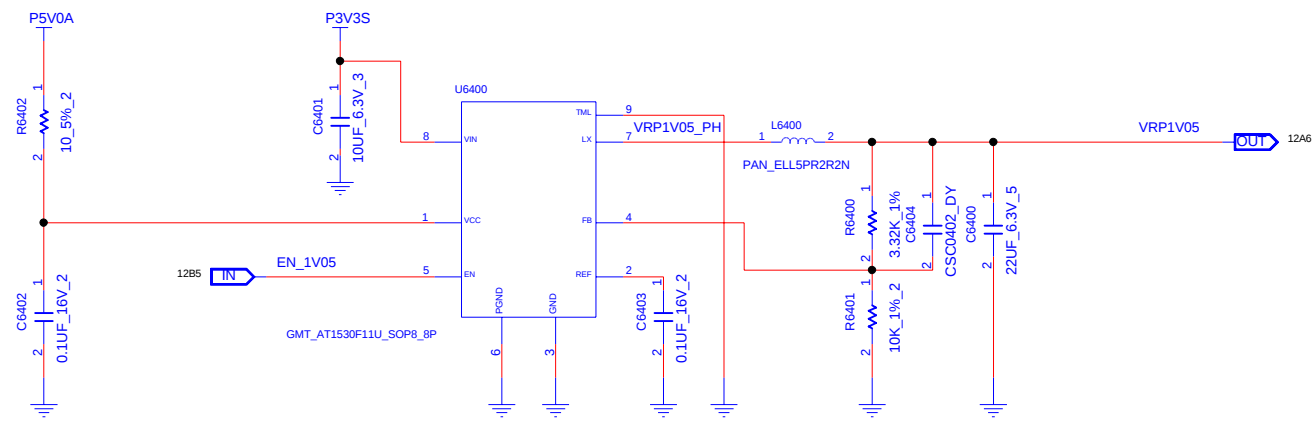
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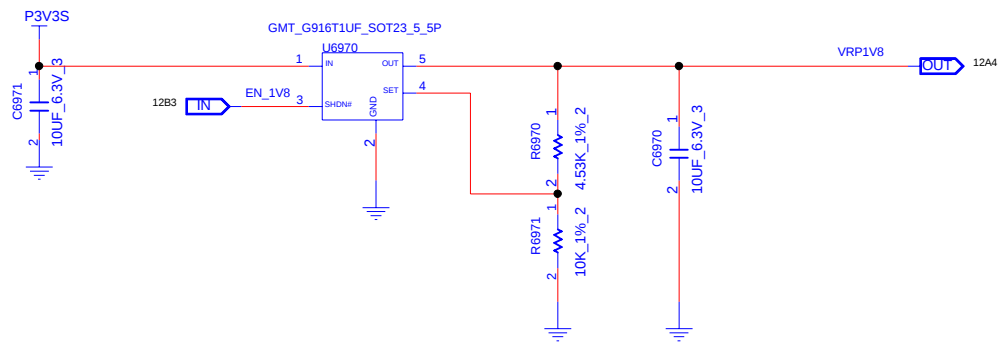
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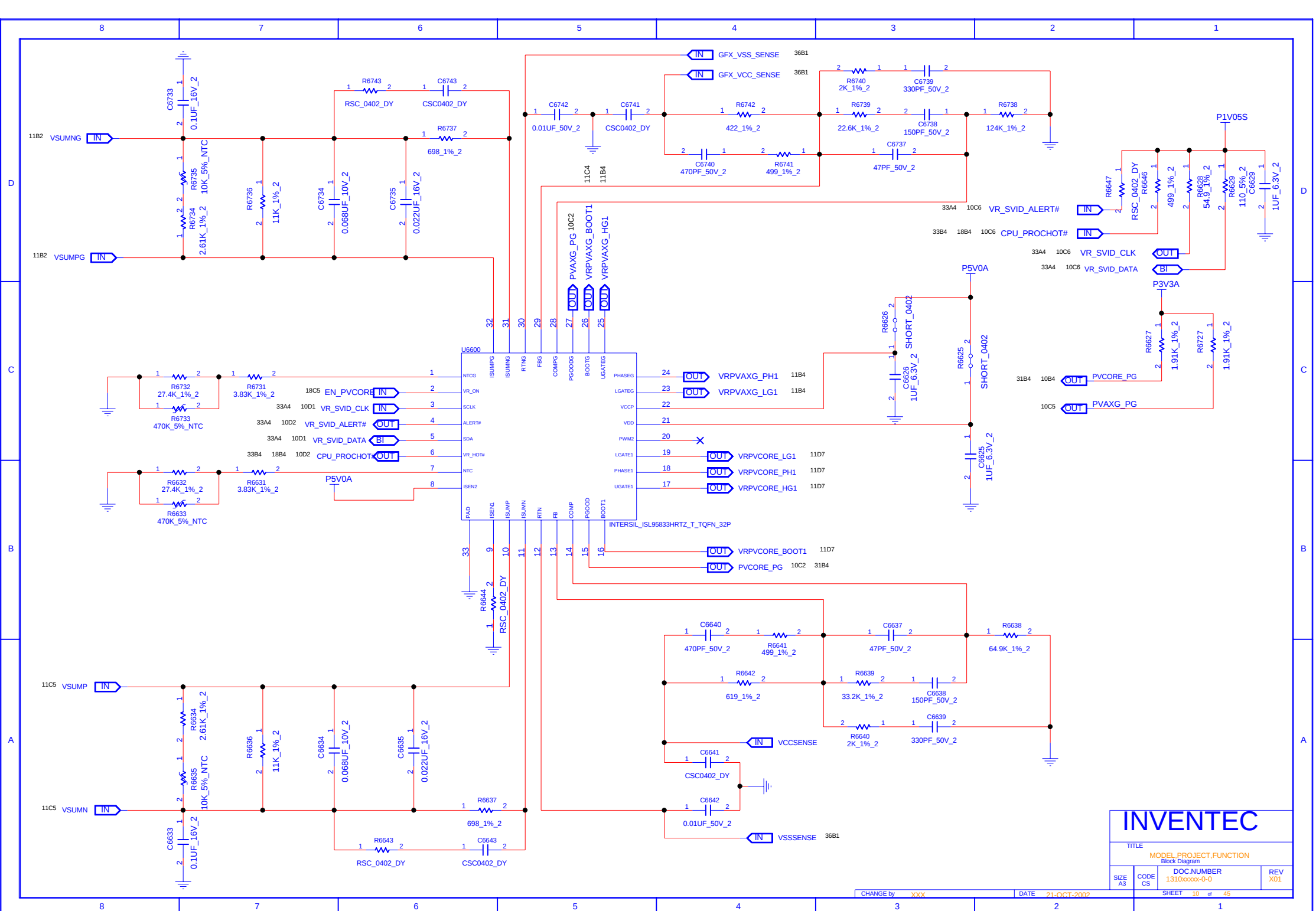
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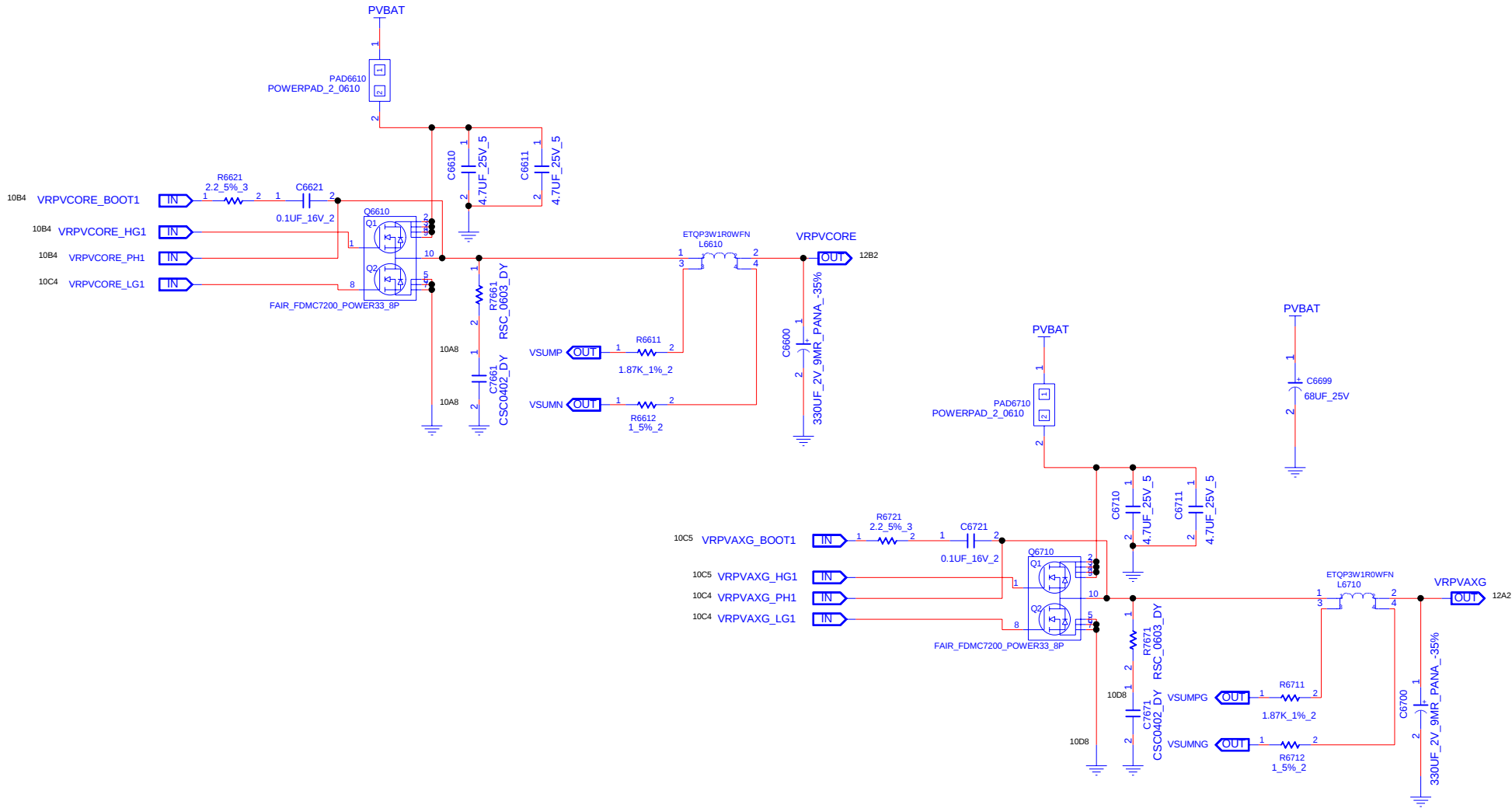


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INVENTEC

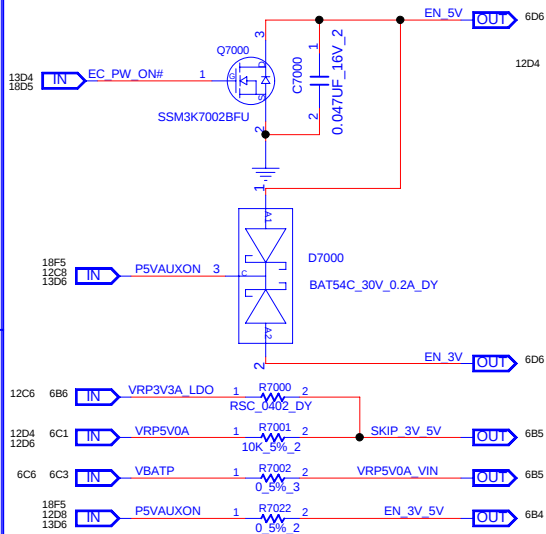
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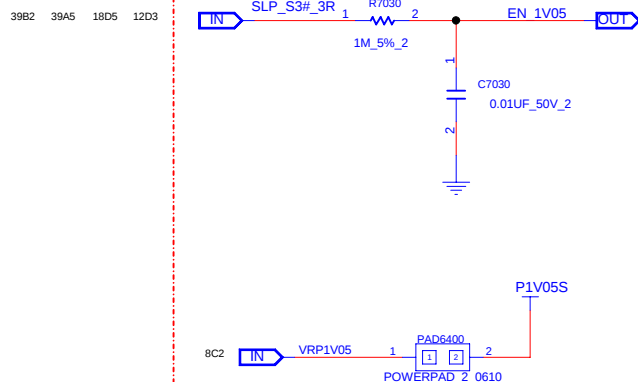
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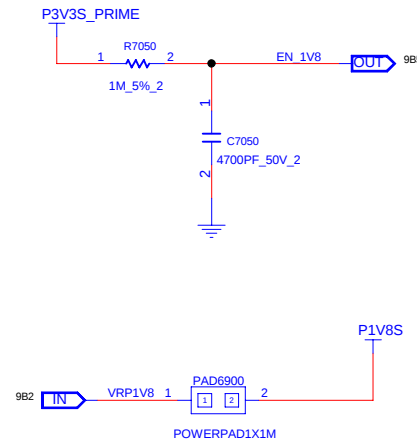
3V & 5V



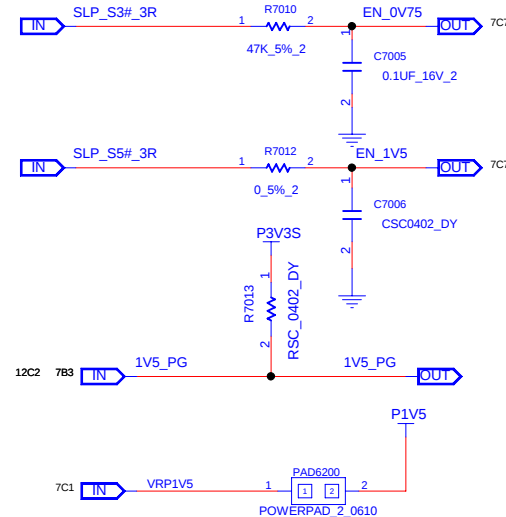
P1V05



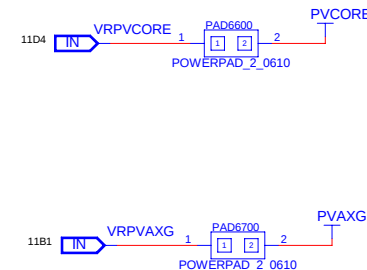
P1V8S



DDR_P1V5

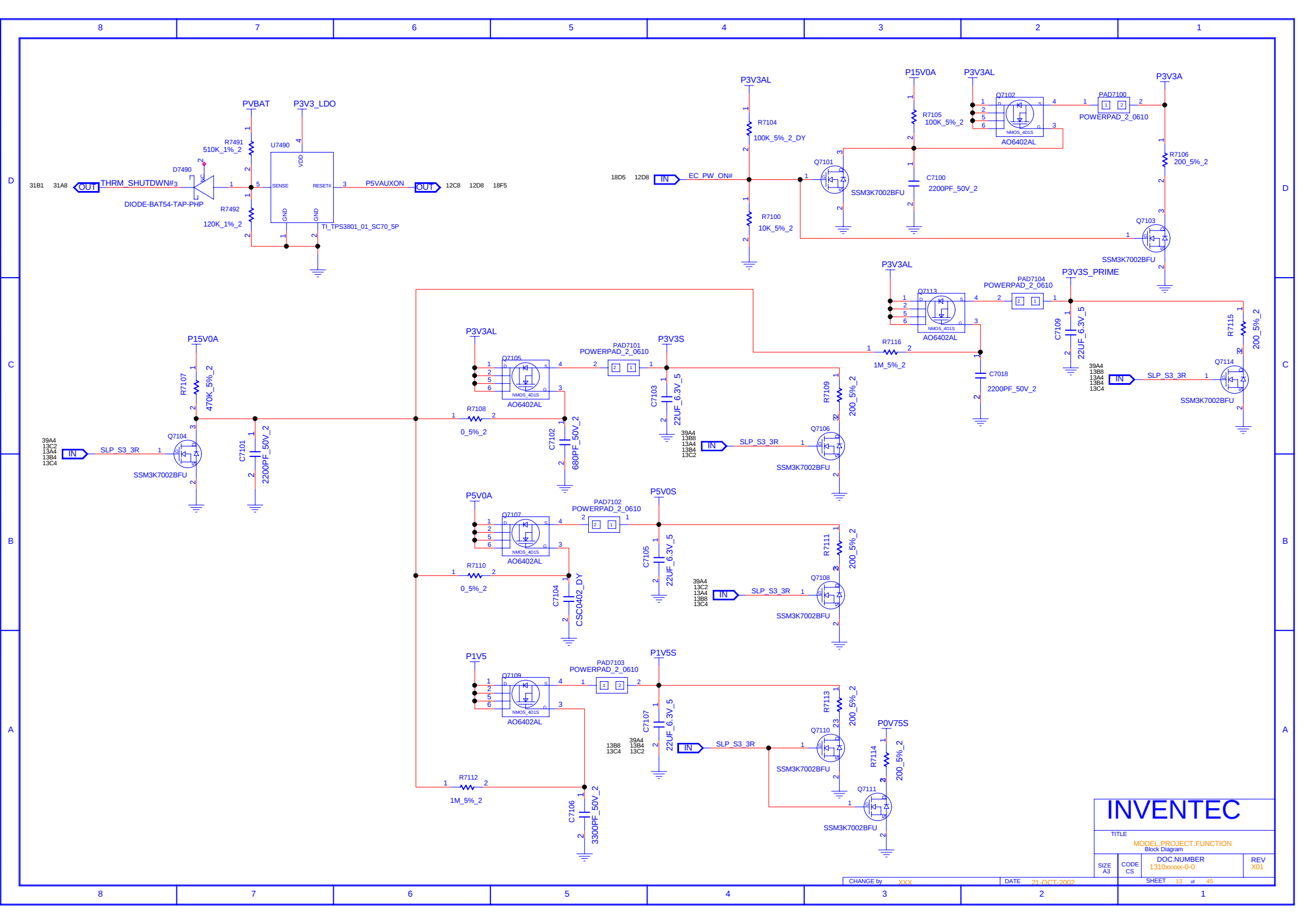


PV CORE&PV AXG



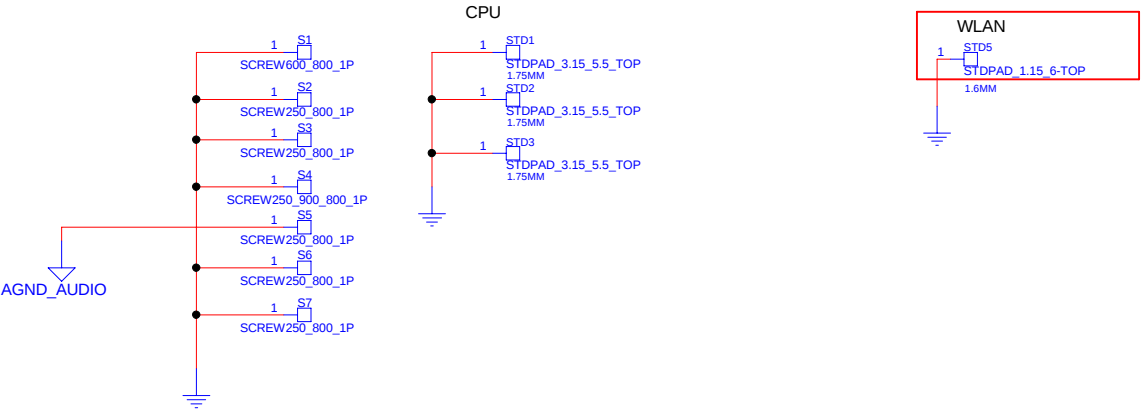
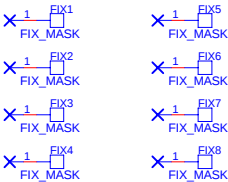
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MODEL PROJECT FUNCTION			
Block Diagram			
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INVENTEC			
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Block Diagram			
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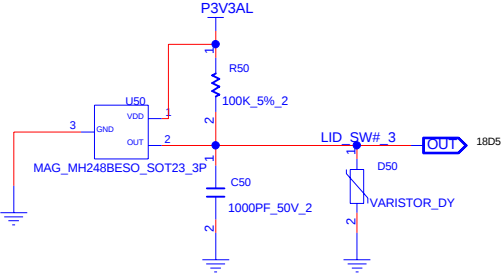
REFERENCE 0~49(PCB SCREW)



INVENTEC

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MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxx-0-0	REV X01

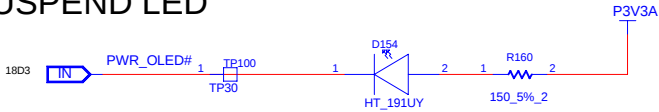
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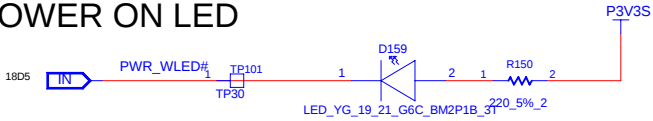
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SUSPEND LED

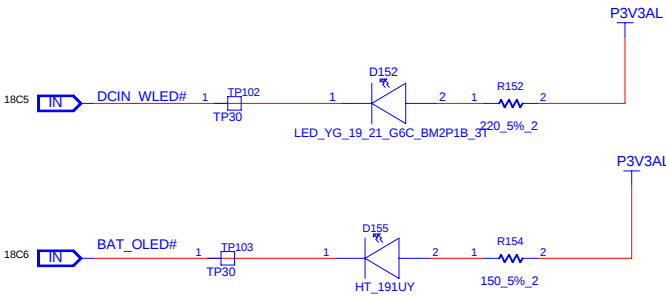


POWER ON LED



DC IN / BATTERY CHARGE LED

D155 BRIGHT:WHILE CHARGING BATTERY FROM AC-ADAPTER
BLINK:LOW BATTERY



INVENTEC

TITLE
MODEL,PROJECT,FUNCTION

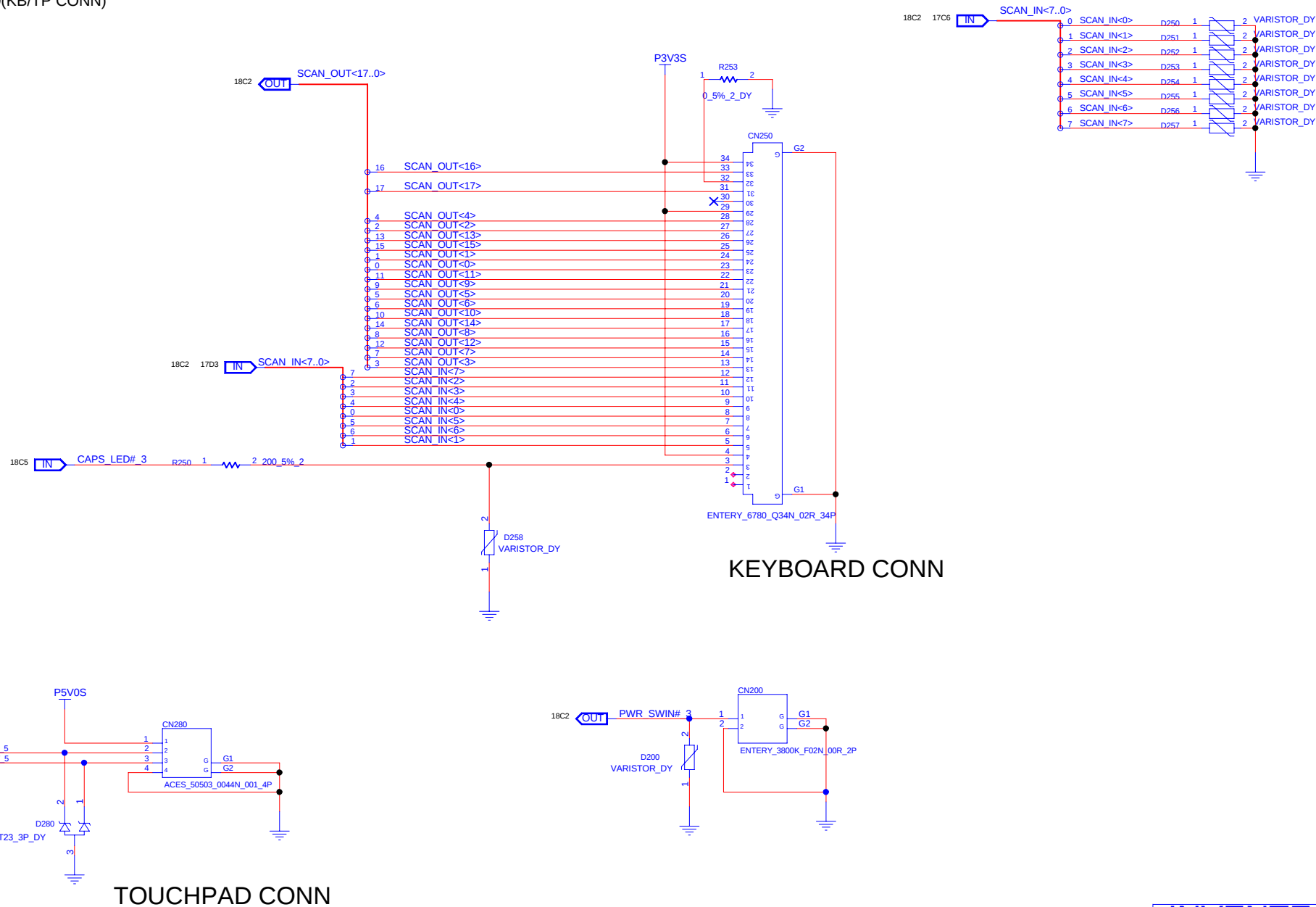
Block Diagram

SIZE A3	CODE CS	DOC NUMBER 1310xxxx-0-0	REV X01
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REFERENCE 200~249(POWER CONN)
REFERENCE 250~299(KB/TP CONN)



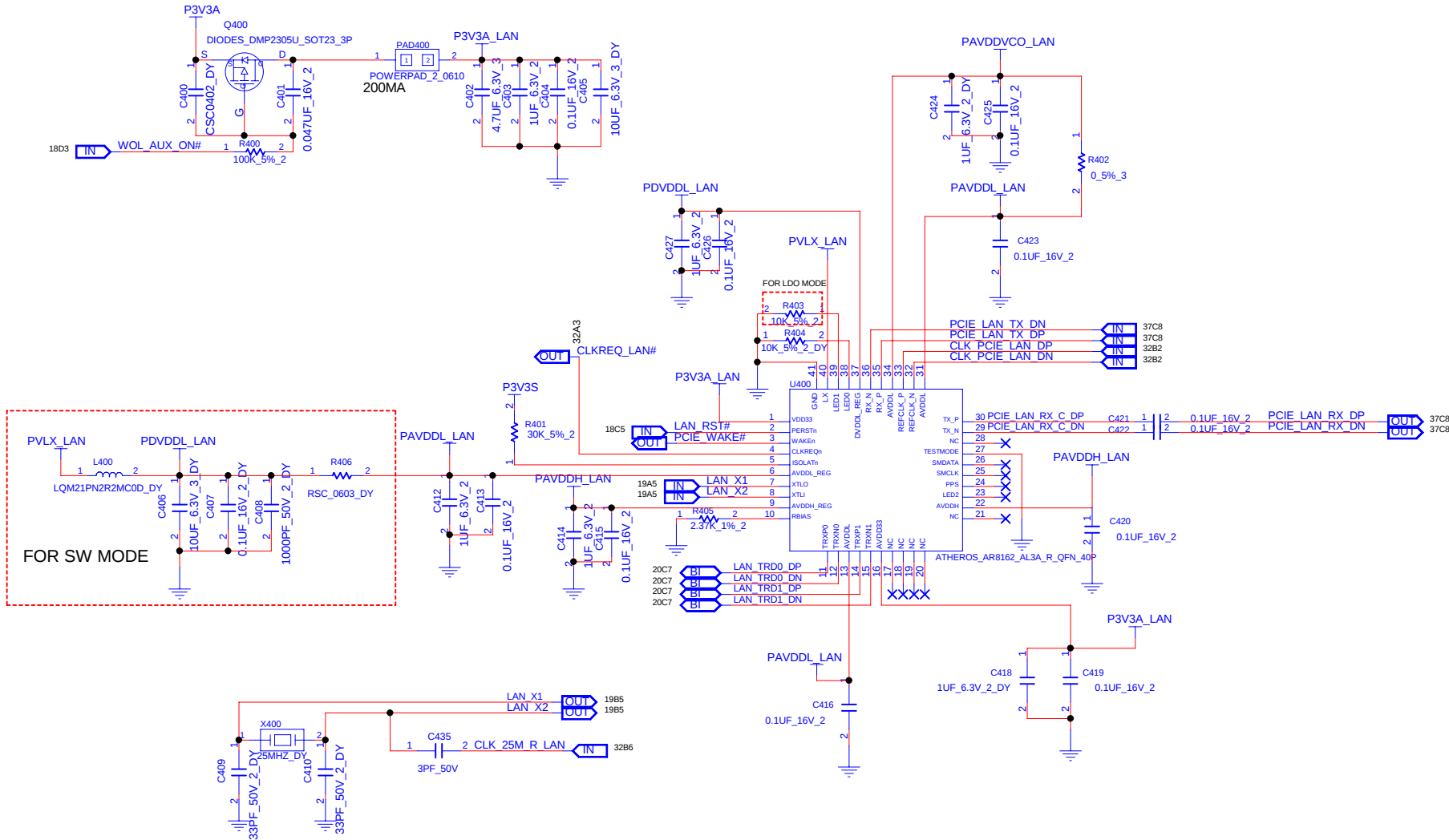
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MODEL PROJECT FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01

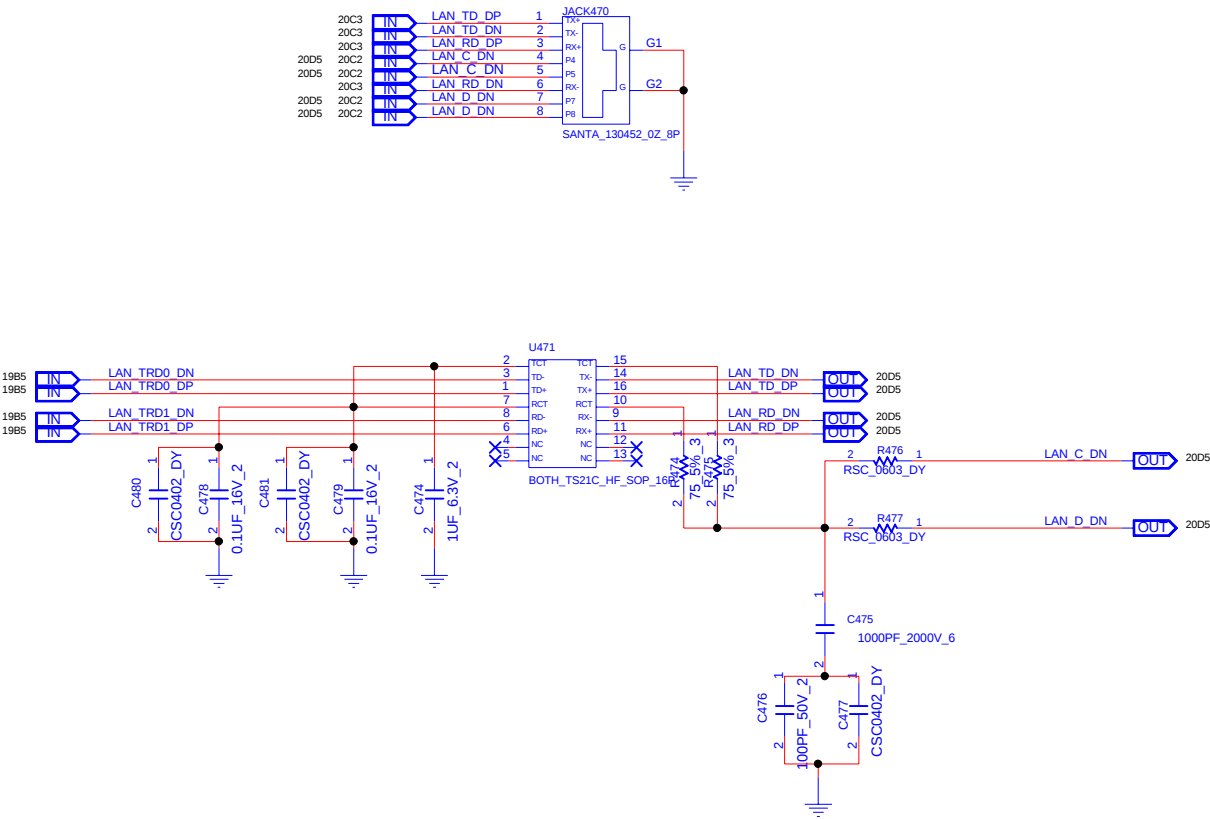
CHANGE by XXX DATE 21-OCT-2002

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REFERENCE 400~499(LAN)

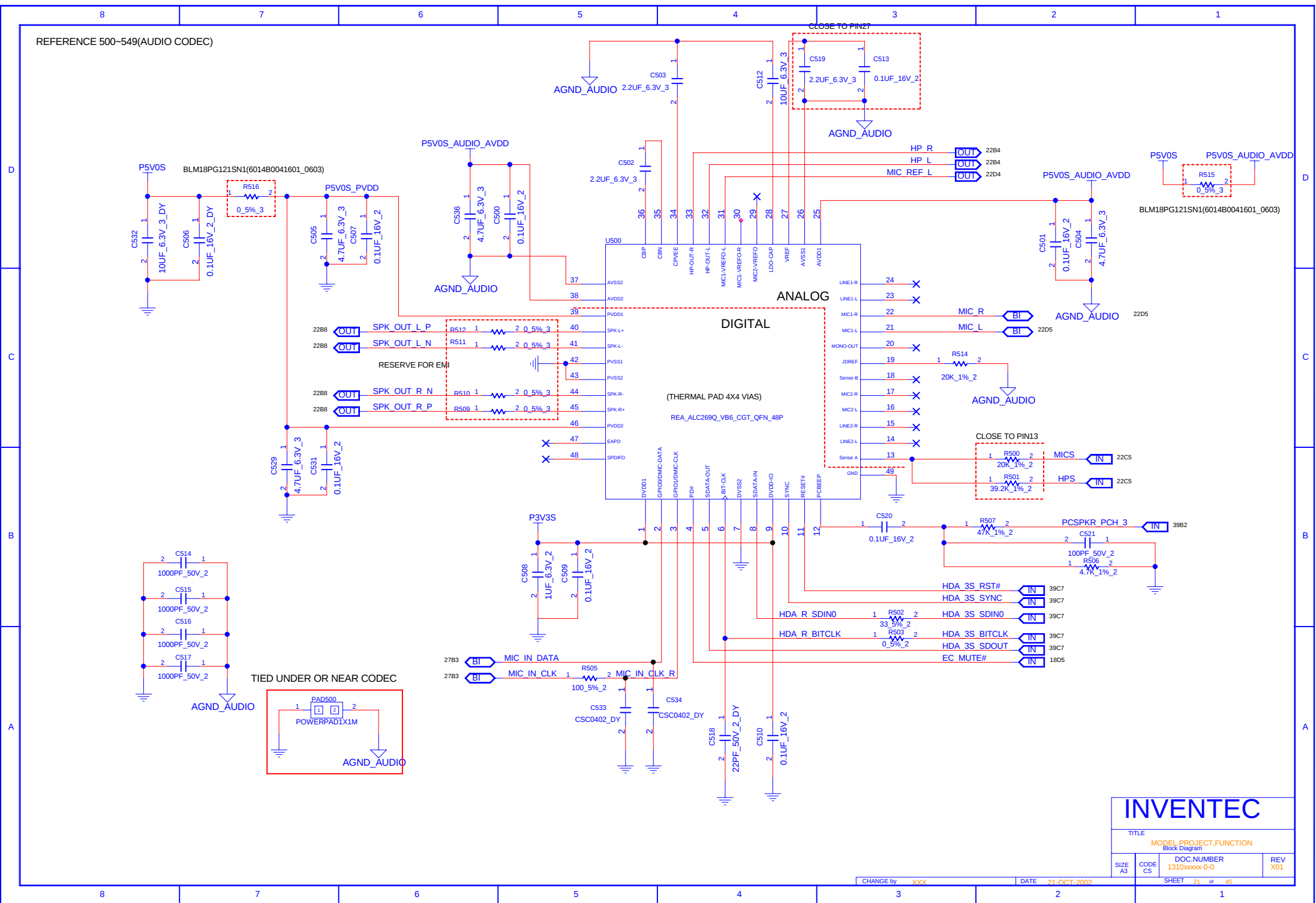


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MODEL,PROJECT,FUNCTION			
Block Diagram			
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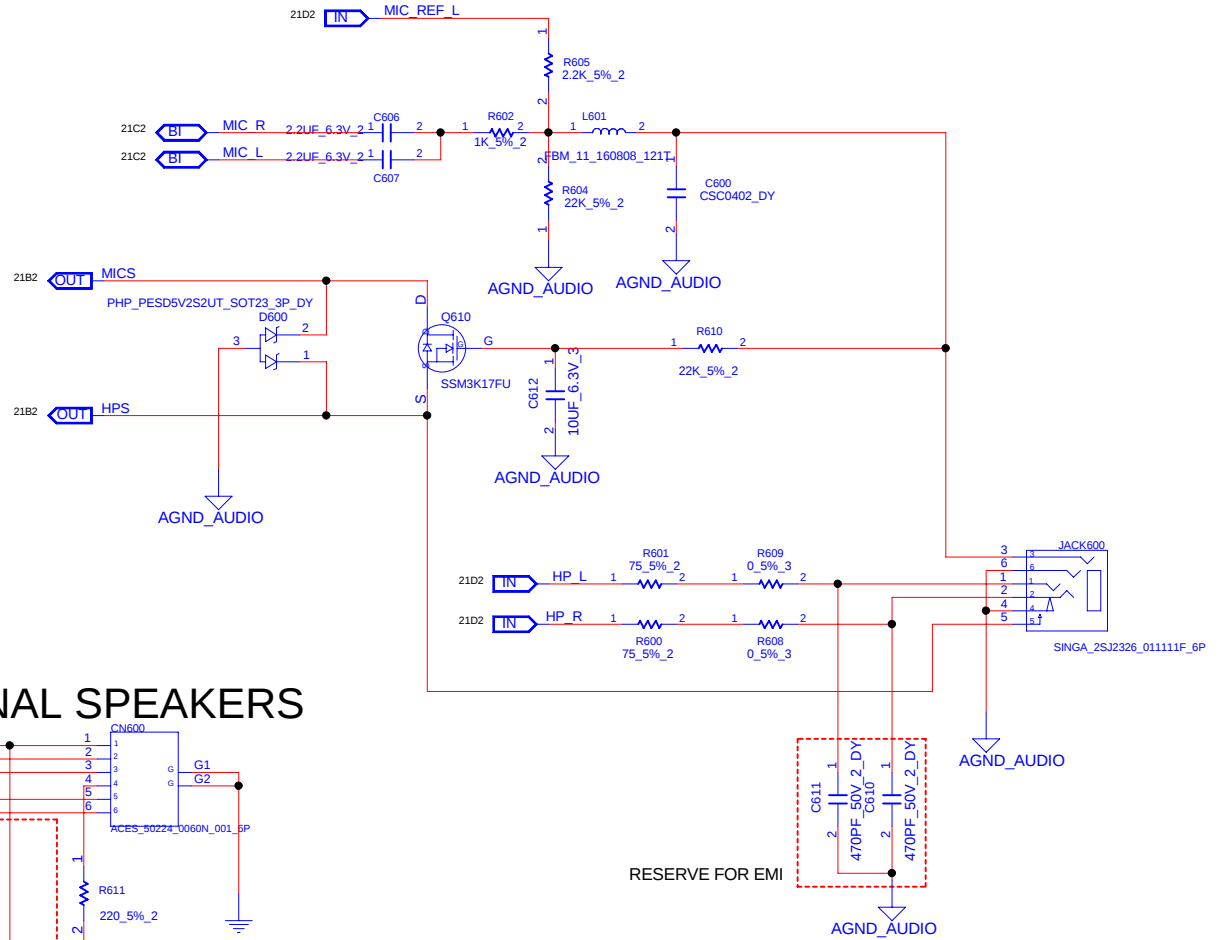
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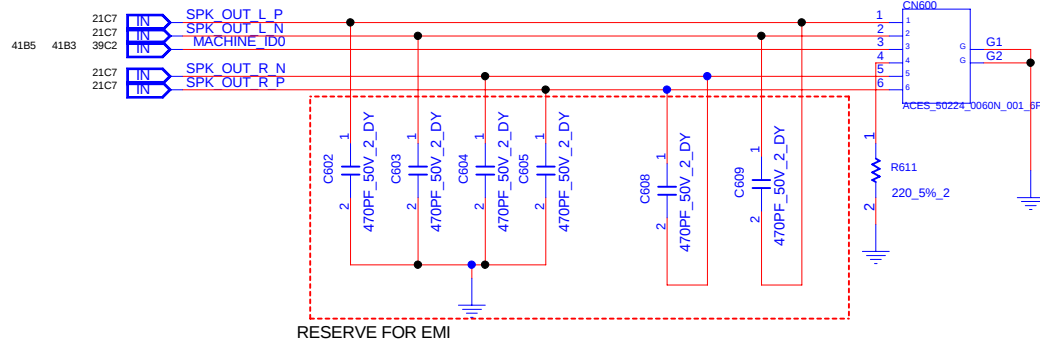


REFERCE 600-649(JACK/MIC/SPEAKER)

AUDIO JACKS



INTERNAL SPEAKERS



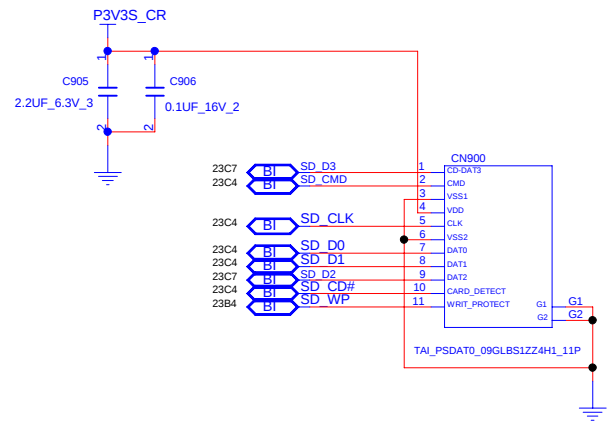
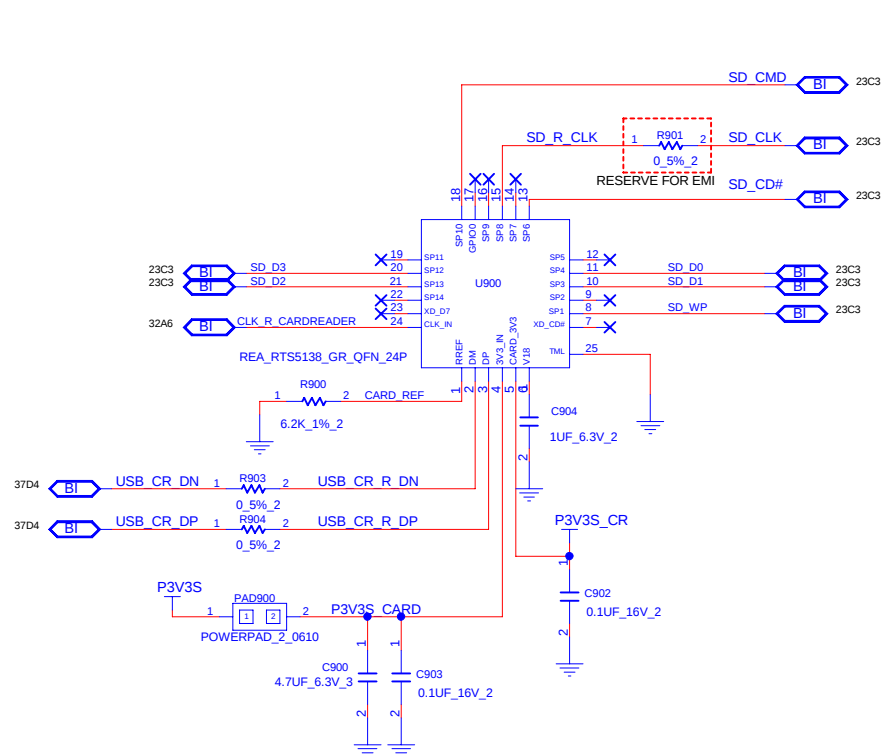
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Block Diagram			
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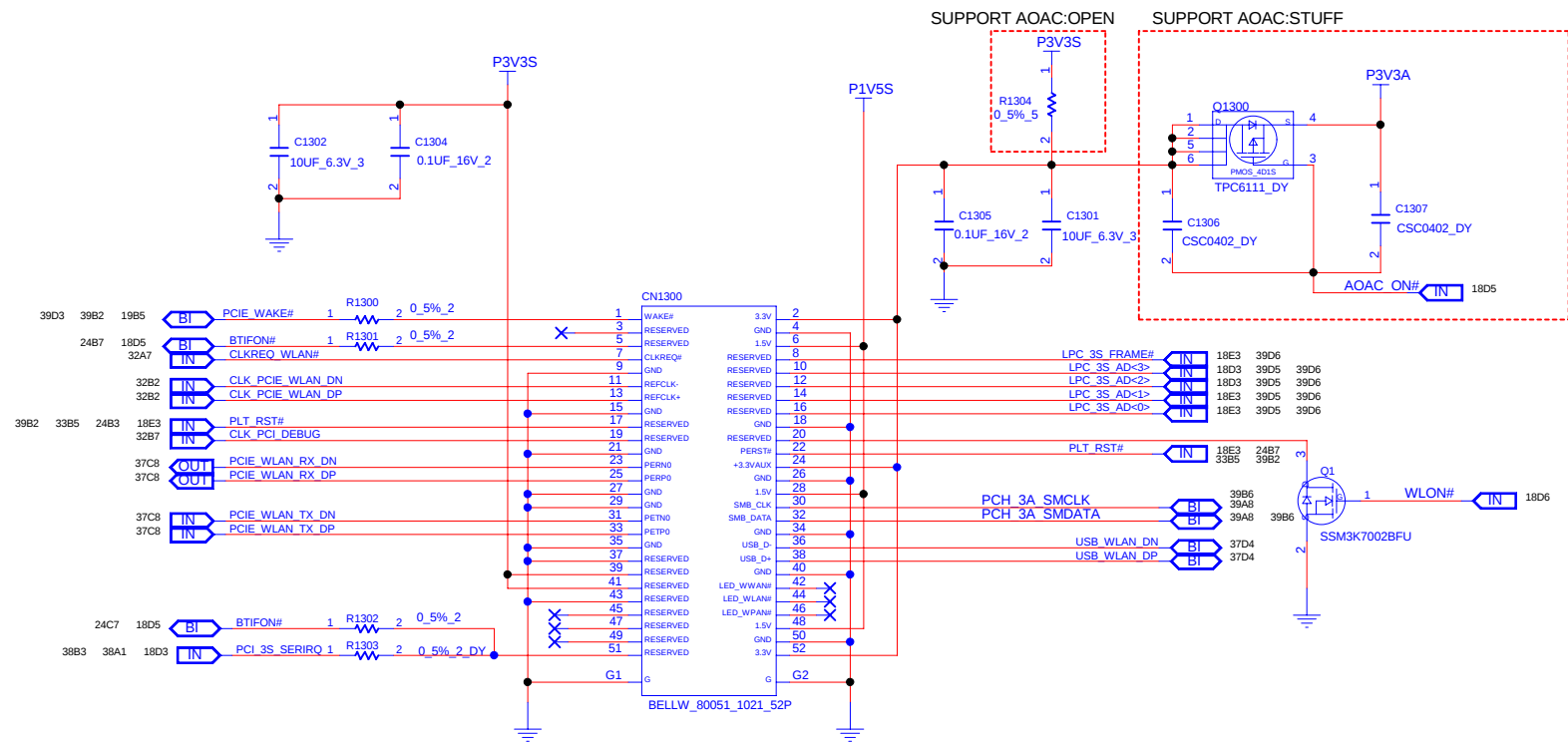
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REFERNCE 900~999(CARDREADER)



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MODEL,PROJECT,FUNCTION			
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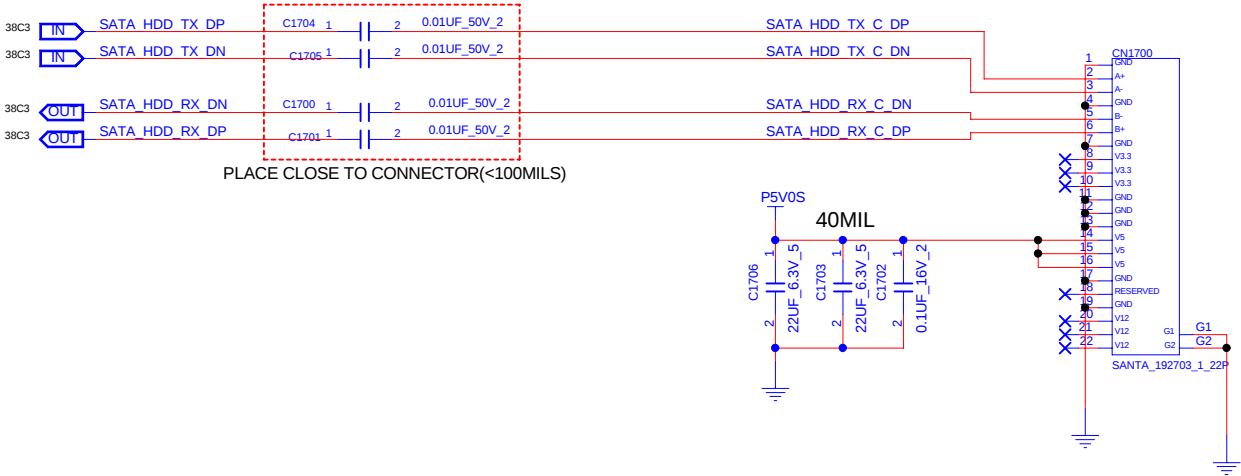


MINI CARD 1(WLAN)

INVENTEC			
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REFERENCE 1700~1749(HDD)
REFERENCE 1750~1799(ODD)

SATA HDD

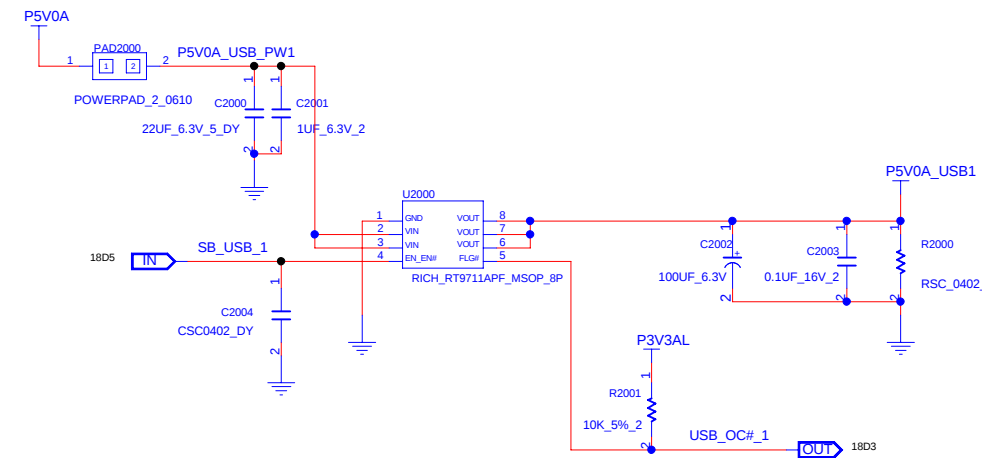
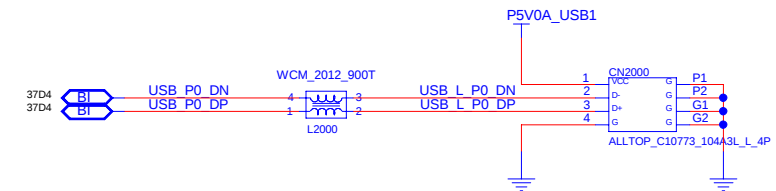
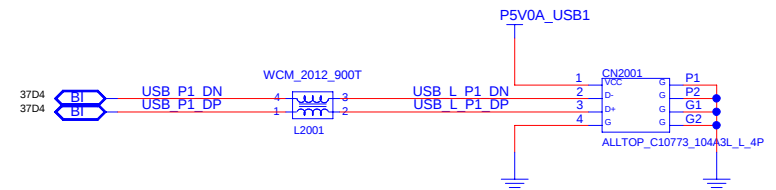
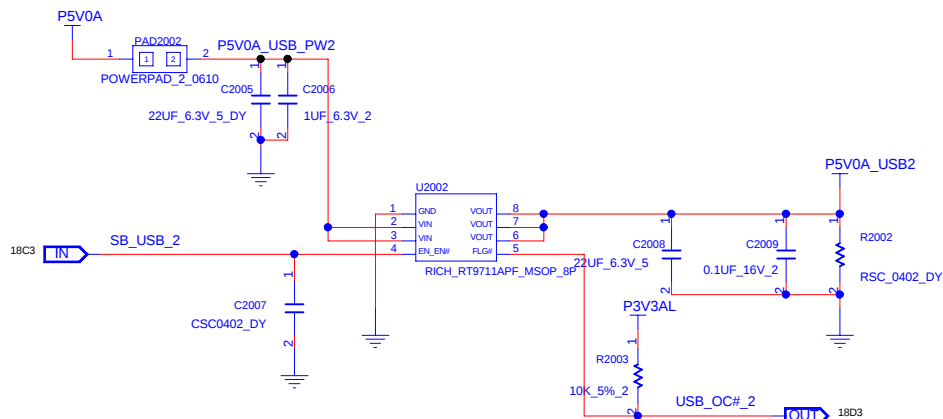
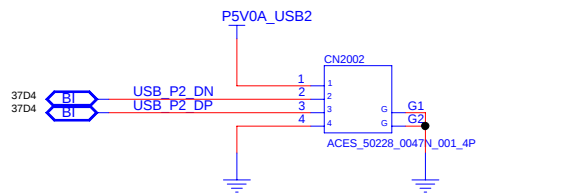


INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC NUMBER 1310xxxx-0-0	REV X01

REFERENCE 2000~2099(USB)

PLACEMENT @LEFT SIDE



INVENTEC

TITLE	MODEL, PROJECT, FUNCTION
	Block Diagram

SIZE A3	CODE CS	DOC.NUMBER 1310xxxxx-0-0
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REV
X01

CHANGE by	XXX	DATE	21-OCT-2002
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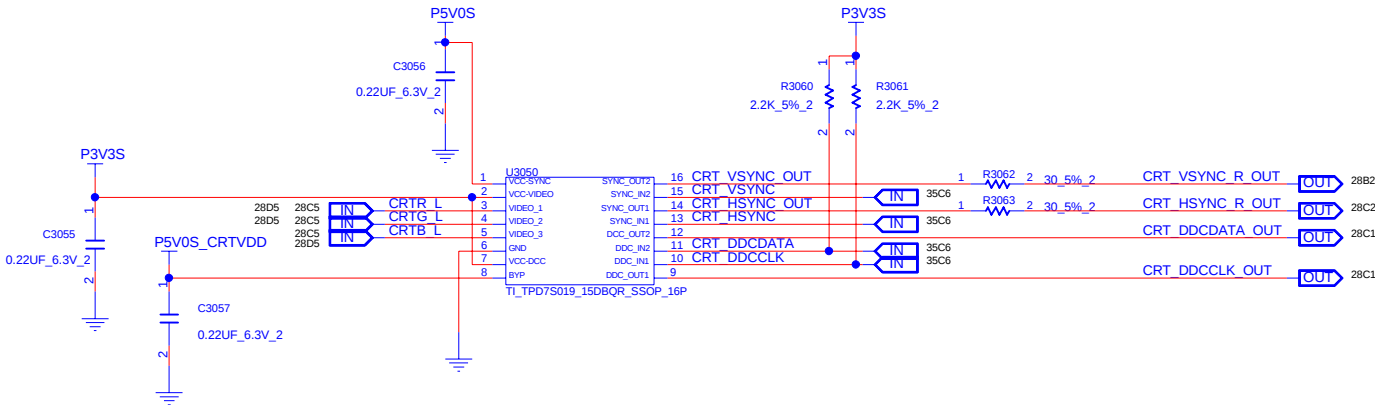
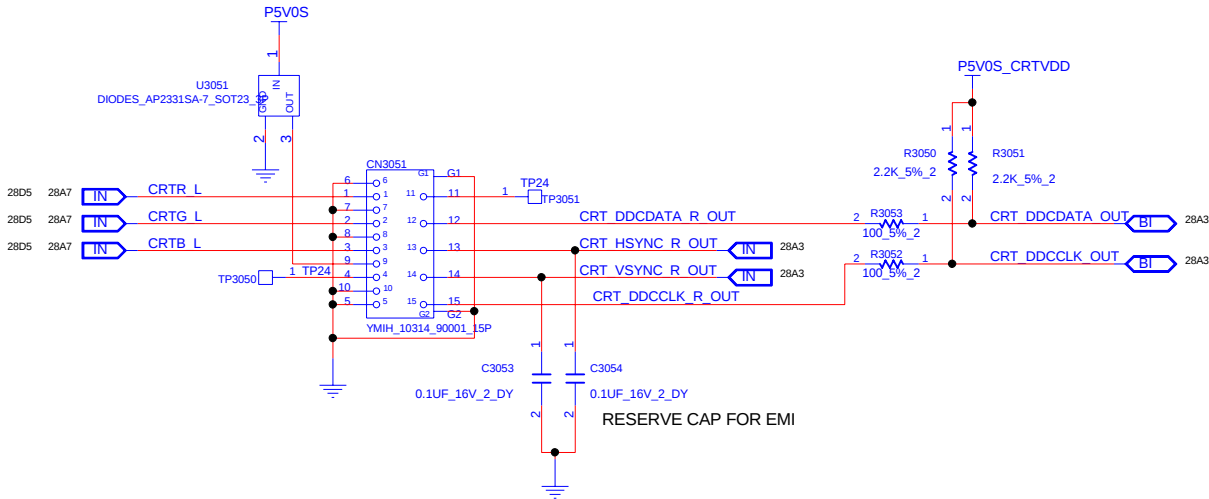
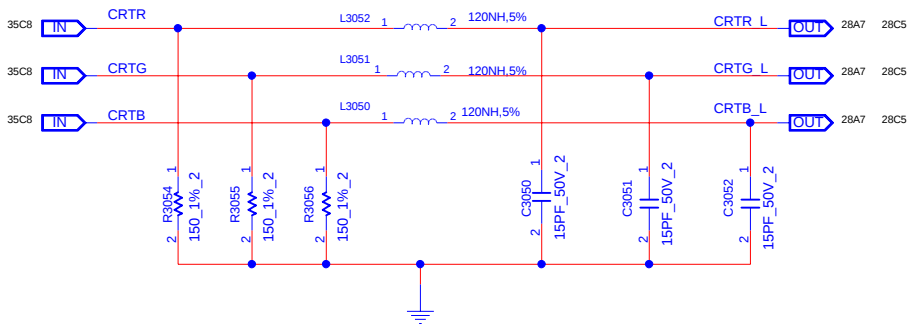
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A



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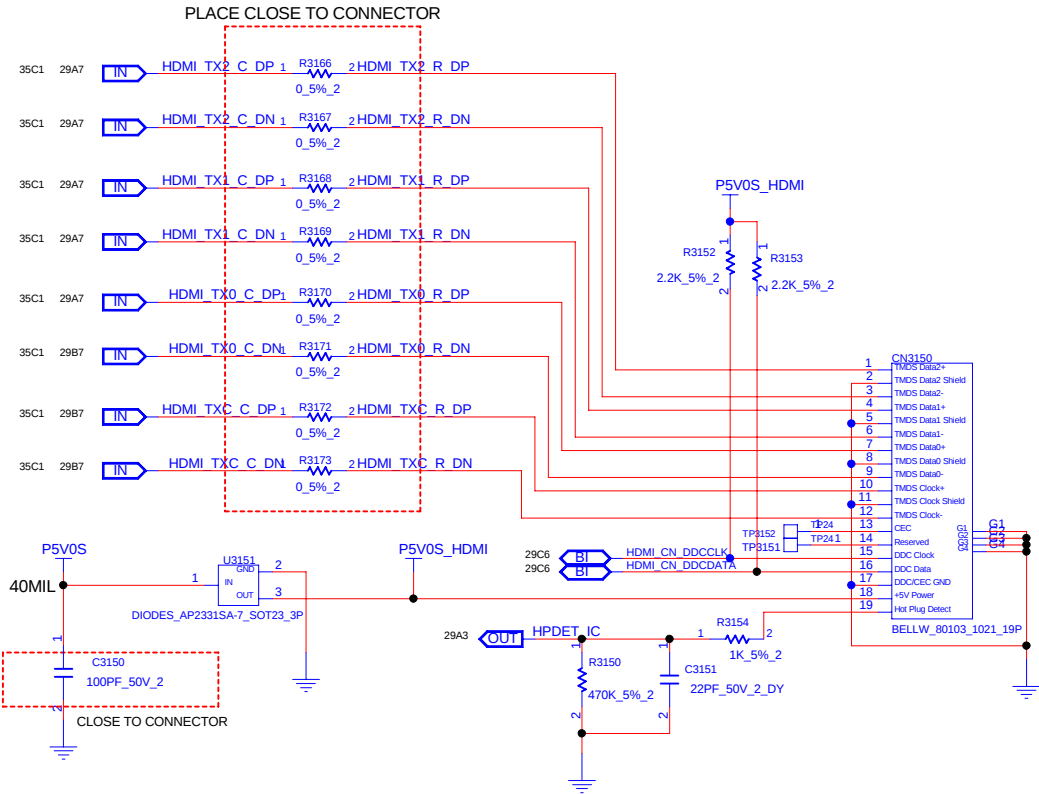
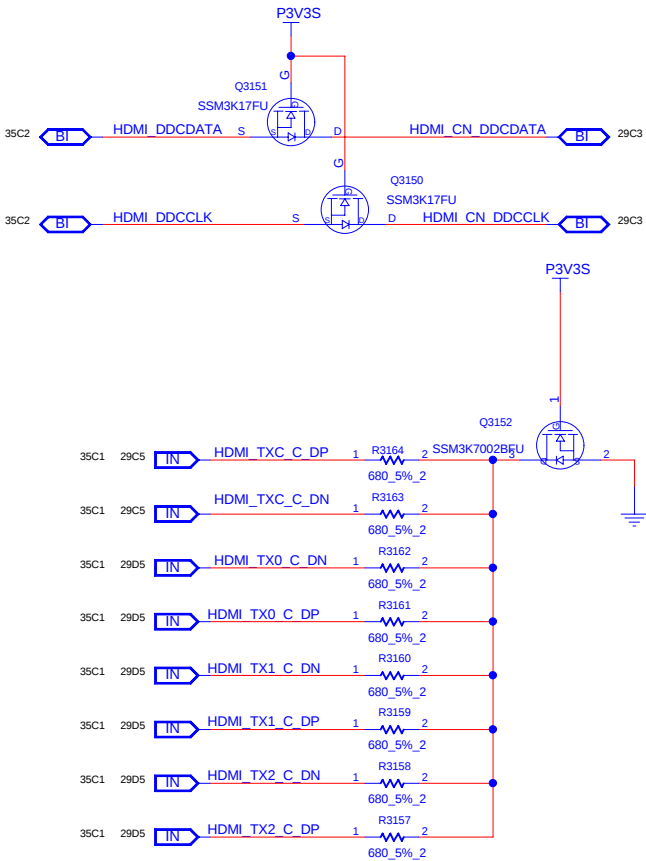
REFERENCE 3050~3099(CRT)



INVENTEC

TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
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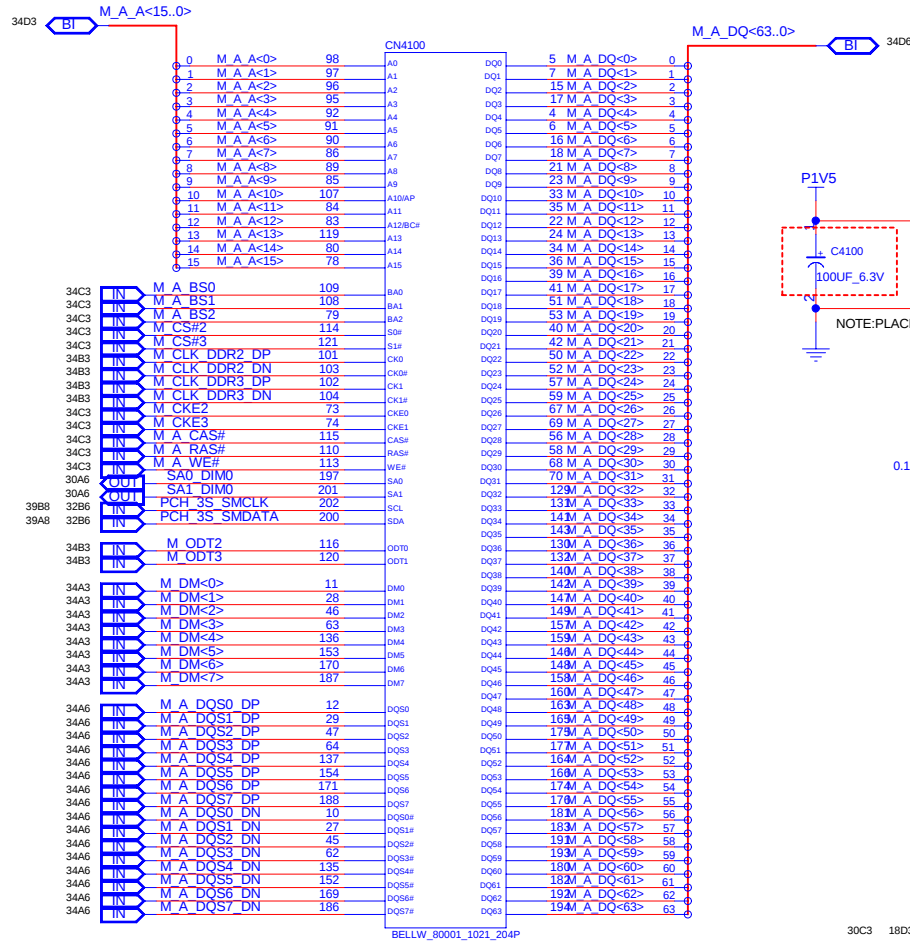
REFERENCE 3150~3199(HDMI)



INVENTEC

TITLE			
MODEL PROJECT FUNCTION			
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REFERENCE 4100-4299(DDR)



LAYOUT NOTE: PLACE CAPS NEAR SO-DIMM0 POWER PIN

NOTE: PLACE C4100 ON COMMON PATH FOR BOTH DIMM'S

ALL VREF TRACES SHOULD HAVE 10 MIL TRACE WIDTH

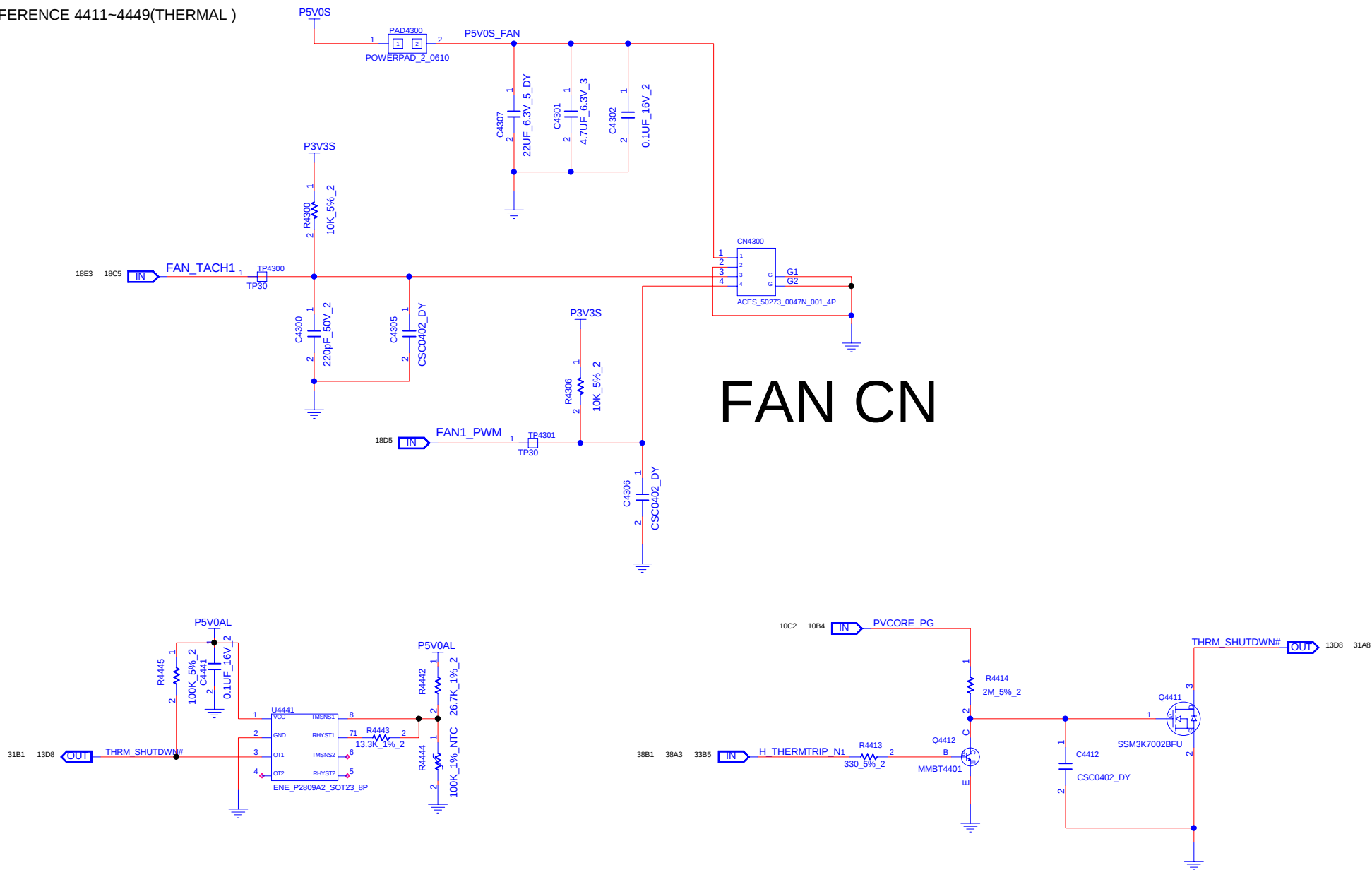
PLACE THESE CAPS CLOSE TO VTT1 AND VTT2

VREFDQ AND VREFCA CANNOT BE TIED TOGETHER FOR COMMON MB DESIGNS

INVENTEC

TITLE			
MODEL PROJECT FUNCTION			
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SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01

REFERENCE 4300~4349(FAN)
REFERENCE 4411~4449(THERMAL)



INVENTEC

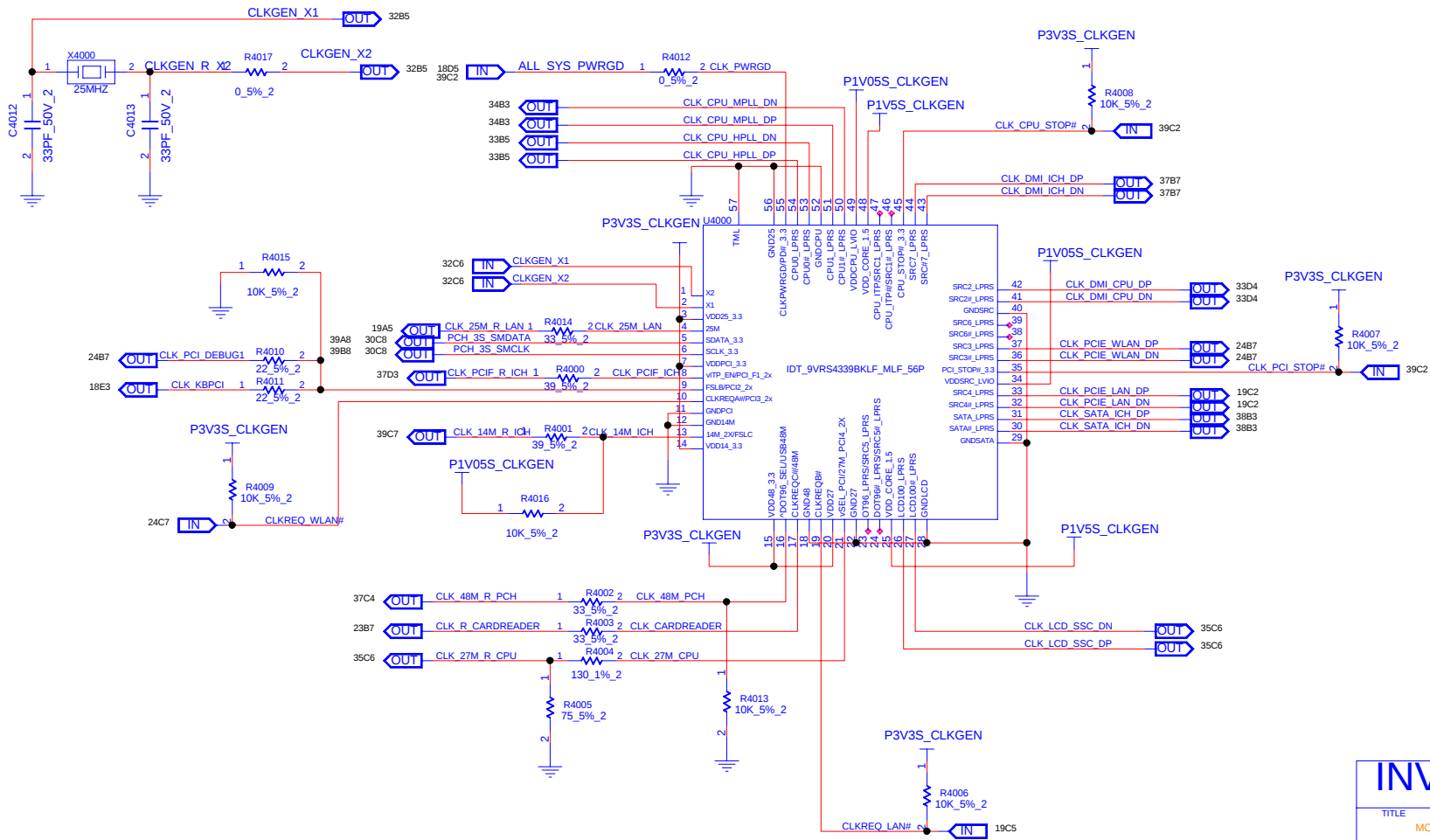
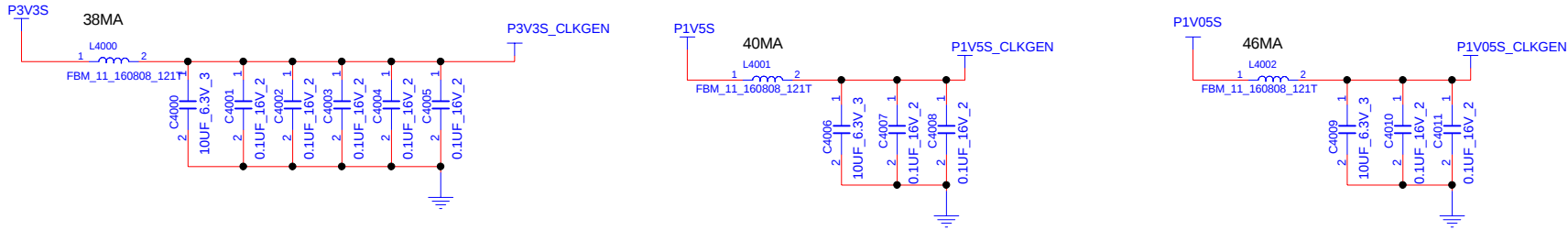
TITLE	MODEL, PROJECT, FUNCTION
	Block Diagram

SIZE A2	CODE CS	DOC.NUMBER 1310xxxxx-0-0
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D



C

B

B

A

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D



C

B

A

TITLE	MODEL PROJECT FUNCTION

SIZE A3	CODE CS	DOC.NUMBER 1310xxxxx-0-0
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AS	CS	SHEET 34 of 45		
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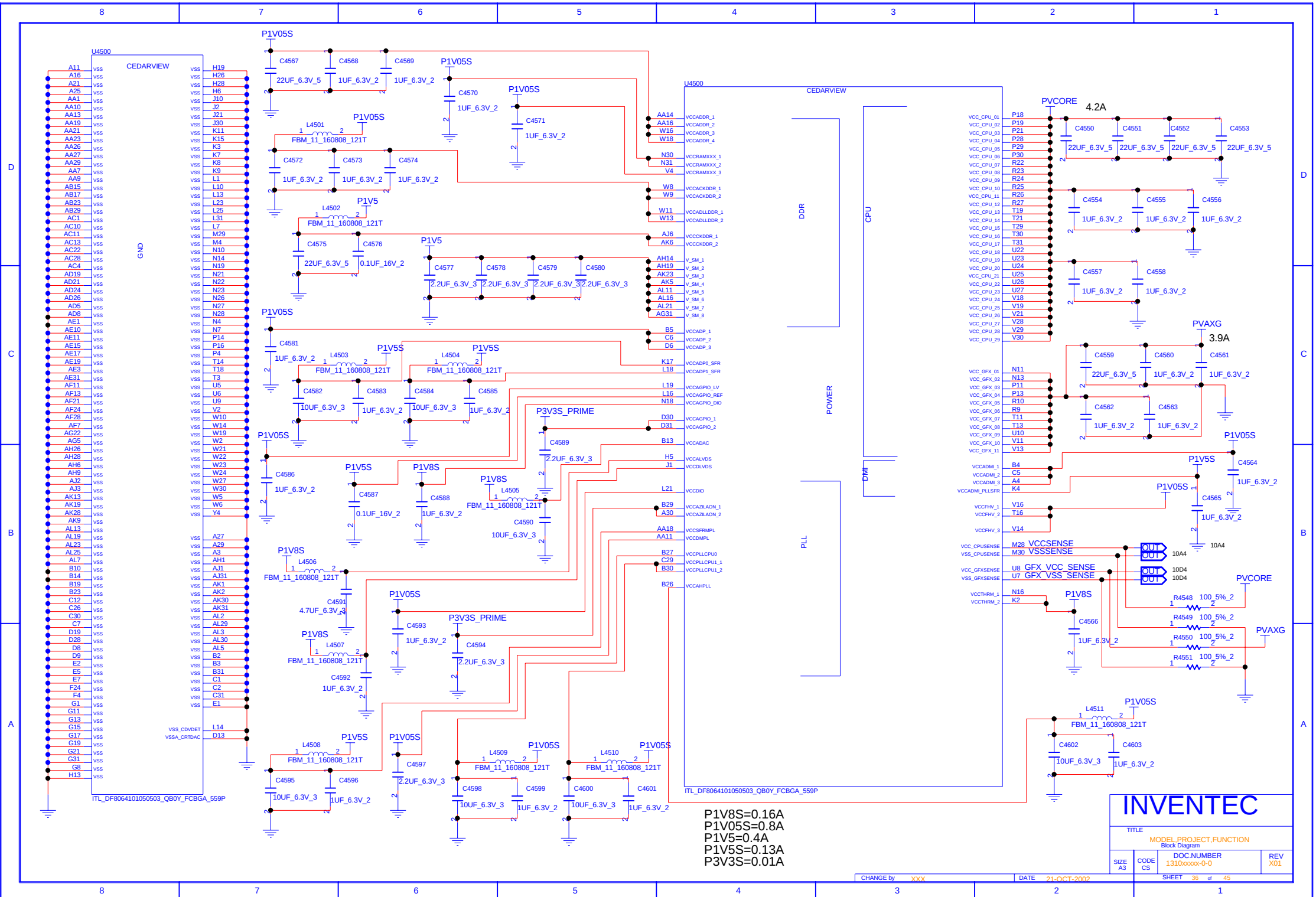
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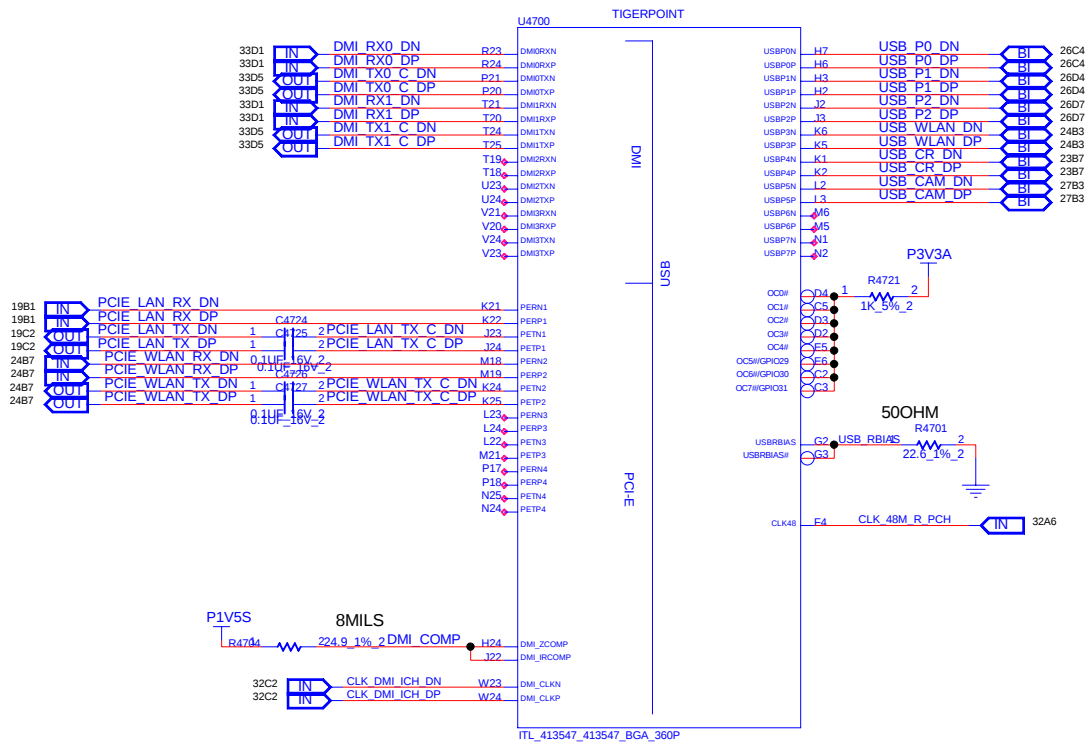
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A

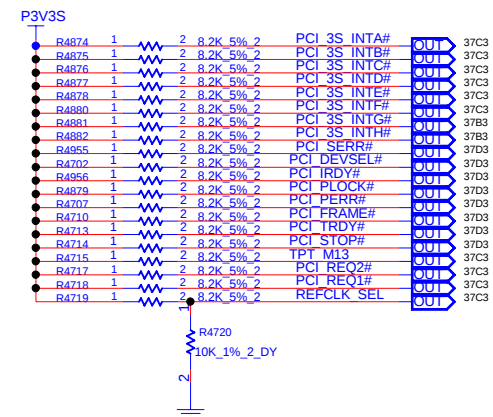
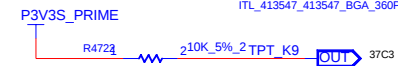
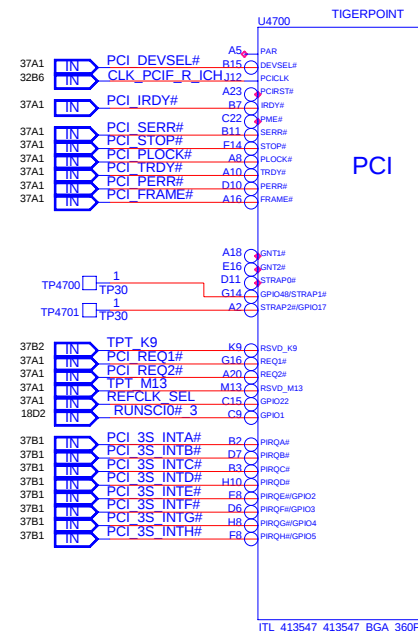
TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE A3	CODE CS	DOC.NUMBER 1310xxxxx-0-0	



REFERENCE 4700~4949(PCH)



WLAN
CARD READER
WEBCAM



INVENTEC

TITLE

MODEL,PROJECT,FUNCTION

Block Diagram

SIZE

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C

B

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INVENTEC

TITLE	MODEL,PROJECT,FUNCTION
	Block Diagram

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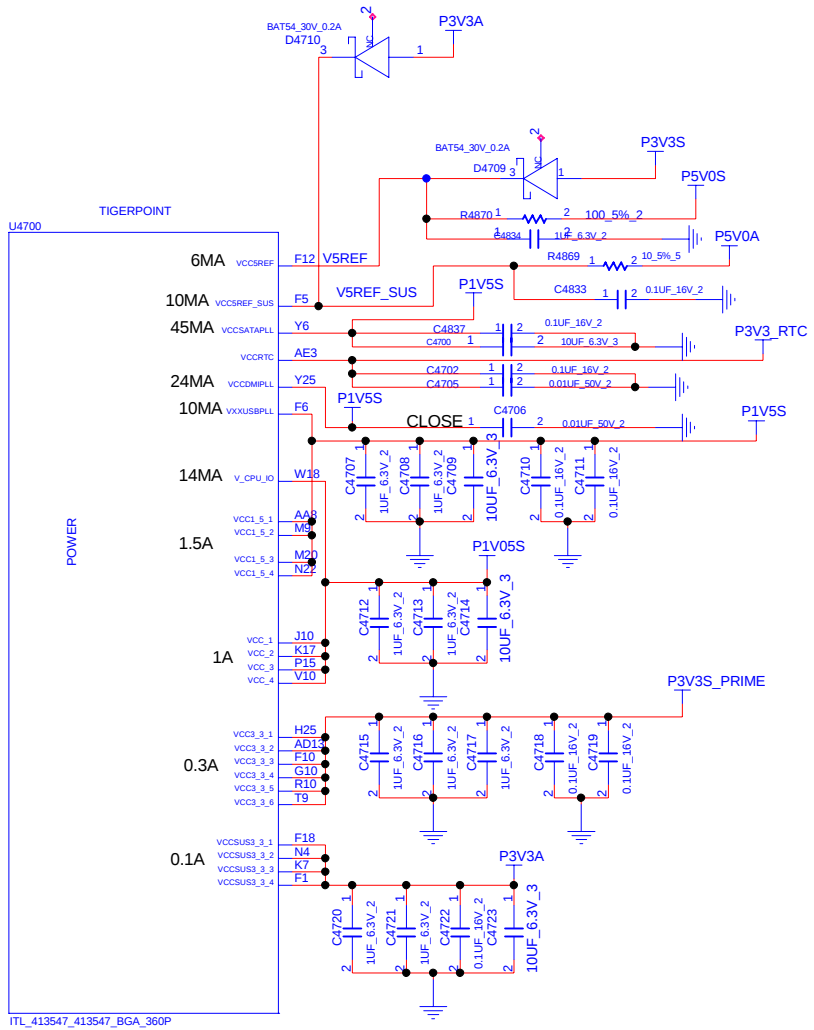
CHANGE by	XXX	DATE	21-OCT-2002
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DATE	21-OCT-2002
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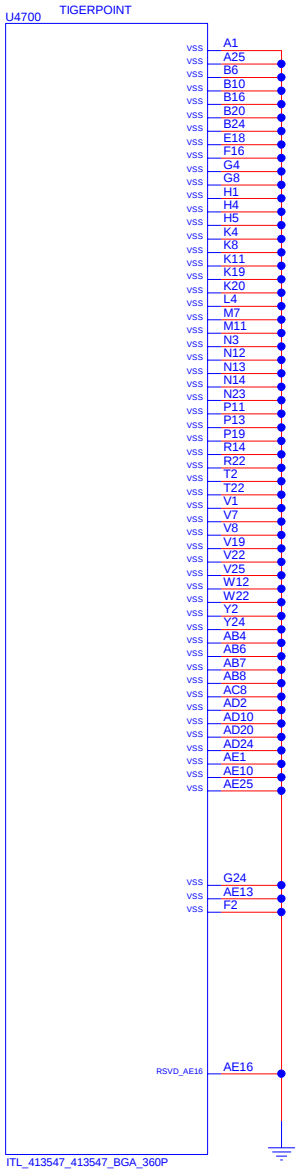
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INVENTEC

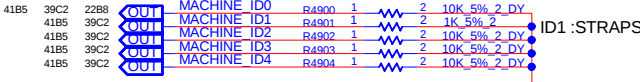
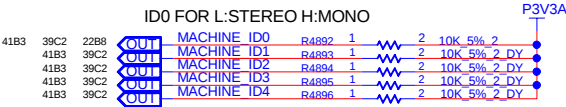
TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE	CODE	DOC NUMBER	REV
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REFERENCE 4700-4949(PCH)



NOTE:10K_5%(60130B1030ZT)

ID0 FOR L:STEREO H:MONO



NOTE:10K_5%(60130B1030ZT)

INVENTEC

TITLE

MODEL,PROJECT,FUNCTION

Block Diagram

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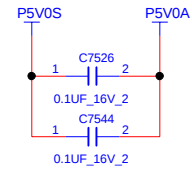
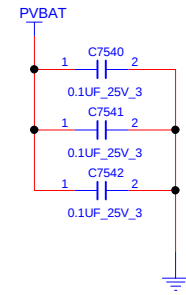
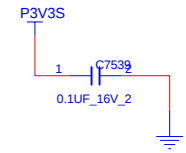
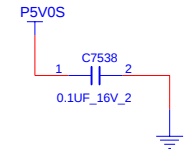
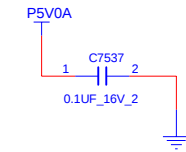
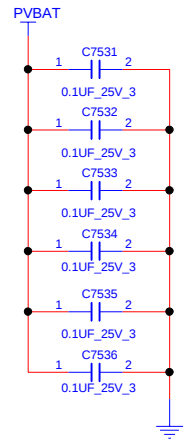
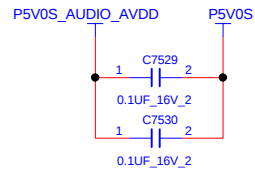
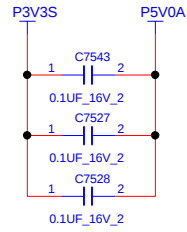
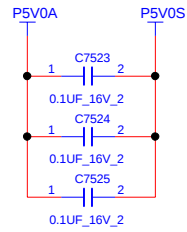
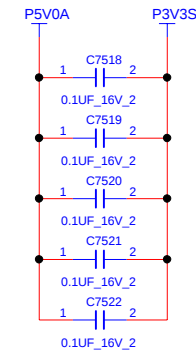
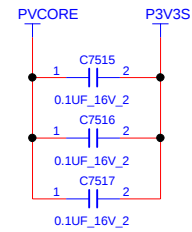
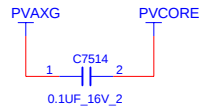
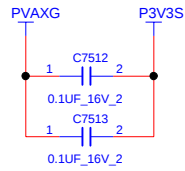
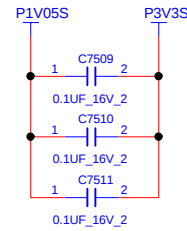
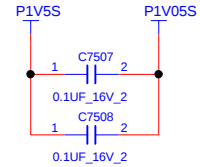
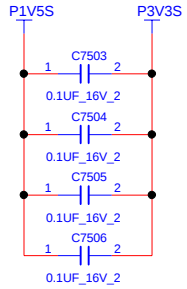
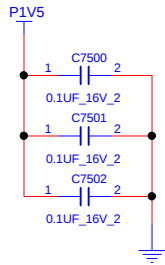
REV

X01

CHANGE by XXX

DATE 21-OCT-2002

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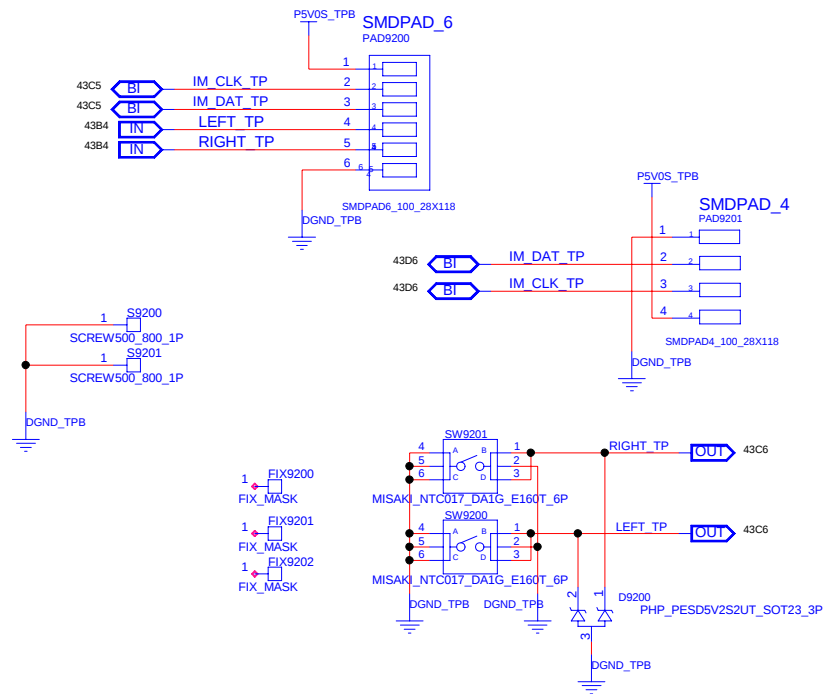


INVENTEC

TITLE			
MODEL PROJECT FUNCTION			
Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01

CHANGE by XXX DATE 21-OCT-2002

SHEET 42 of 45



INVENTEC

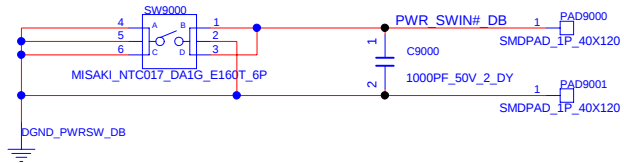
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MODEL,PROJECT,FUNCTION
Block Diagram

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CHANGE by XXX DATE 21-OCT-2002

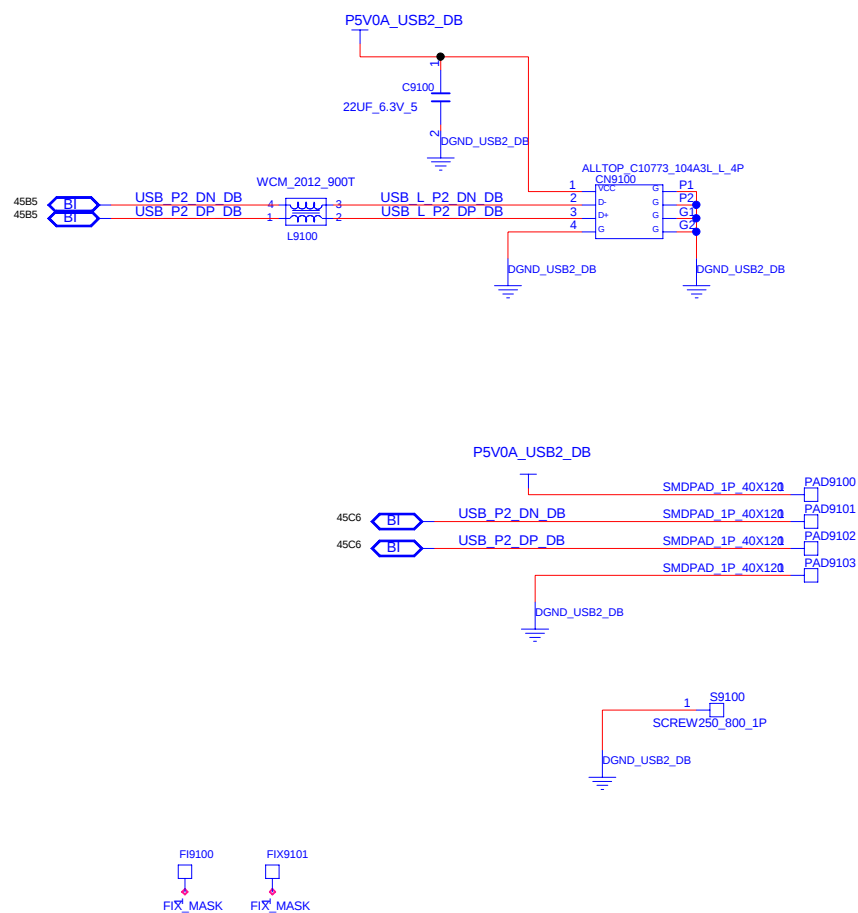
SHEET 43 of 45

POWER BUTTON



INVENTEC			
TITLE			
MODEL,PROJECT,FUNCTION Block Diagram			
SIZE	CODE	DOC NUMBER	REV
A3	CS	1310xxxx-0-0	X01
SHEET 44 of 45			

USB BOARD



INVENTEC

TITLE MODEL PROJECT FUNCTION
Block Diagram

SIZE CODE DOC NUMBER REV
A3 CS 1310xxxx-0-0 X01

CHANGE by XXX DATE 21-OCT-2002

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