

TAOS 2.0

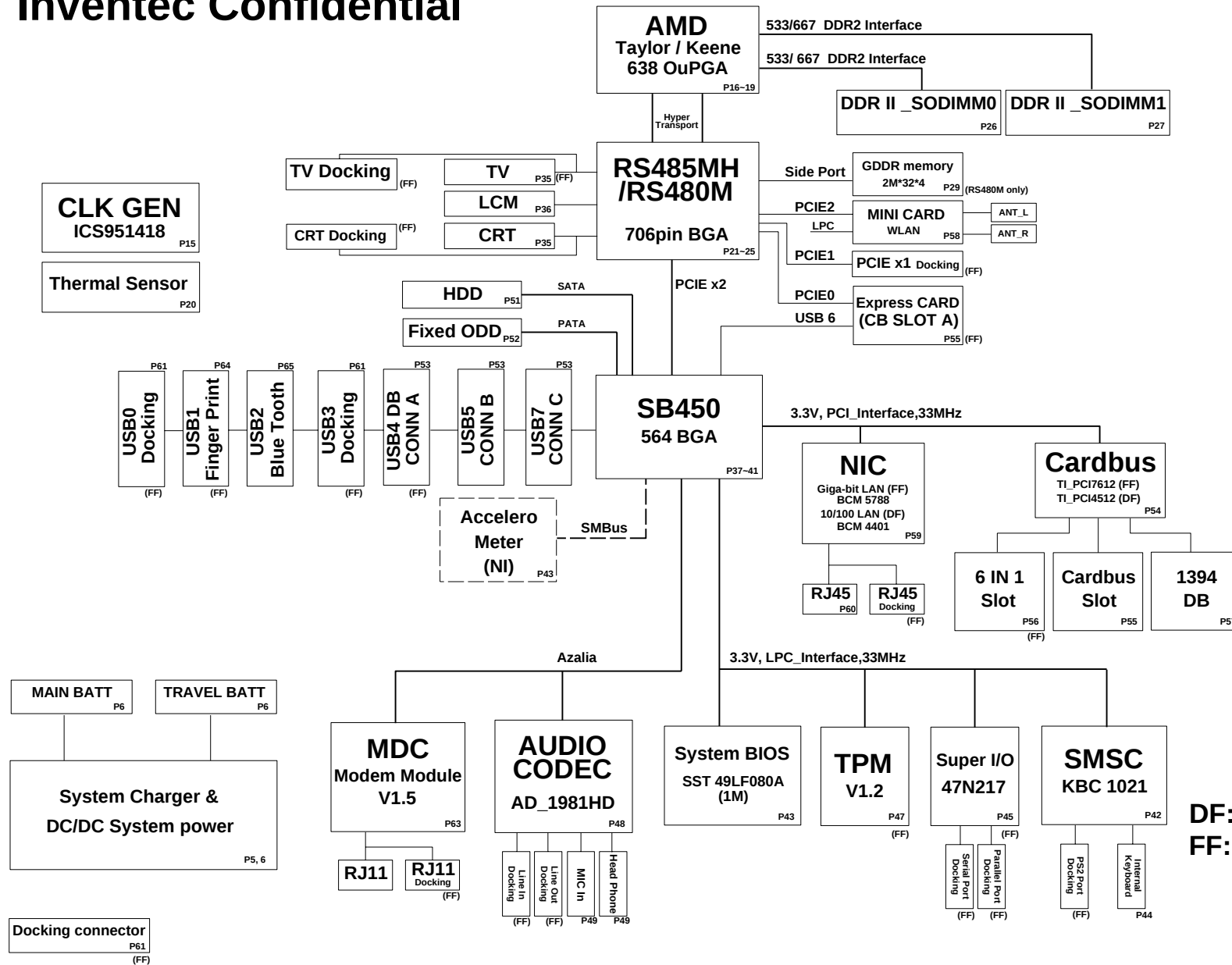
MV Build - Final

05/09/2006

	EE	DATE	POWER	DATE				
DRAWER								
DESIGN					TITLE TAOS20			
CHECK								
RESPONSIBLE								
SIZE = 3 FILE NAME: XXXX-XXXXXX-XX P/N XXXXXXXXXX					VER: A3 CS 1310A20305 SHEET 1 OF 68			

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SIZE A3	CODE CS	DOC. NUMBER 1310A20305	REV A02																	
CHANGE by Draver Name		20-Apr-2006																		
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Inventec Confidential



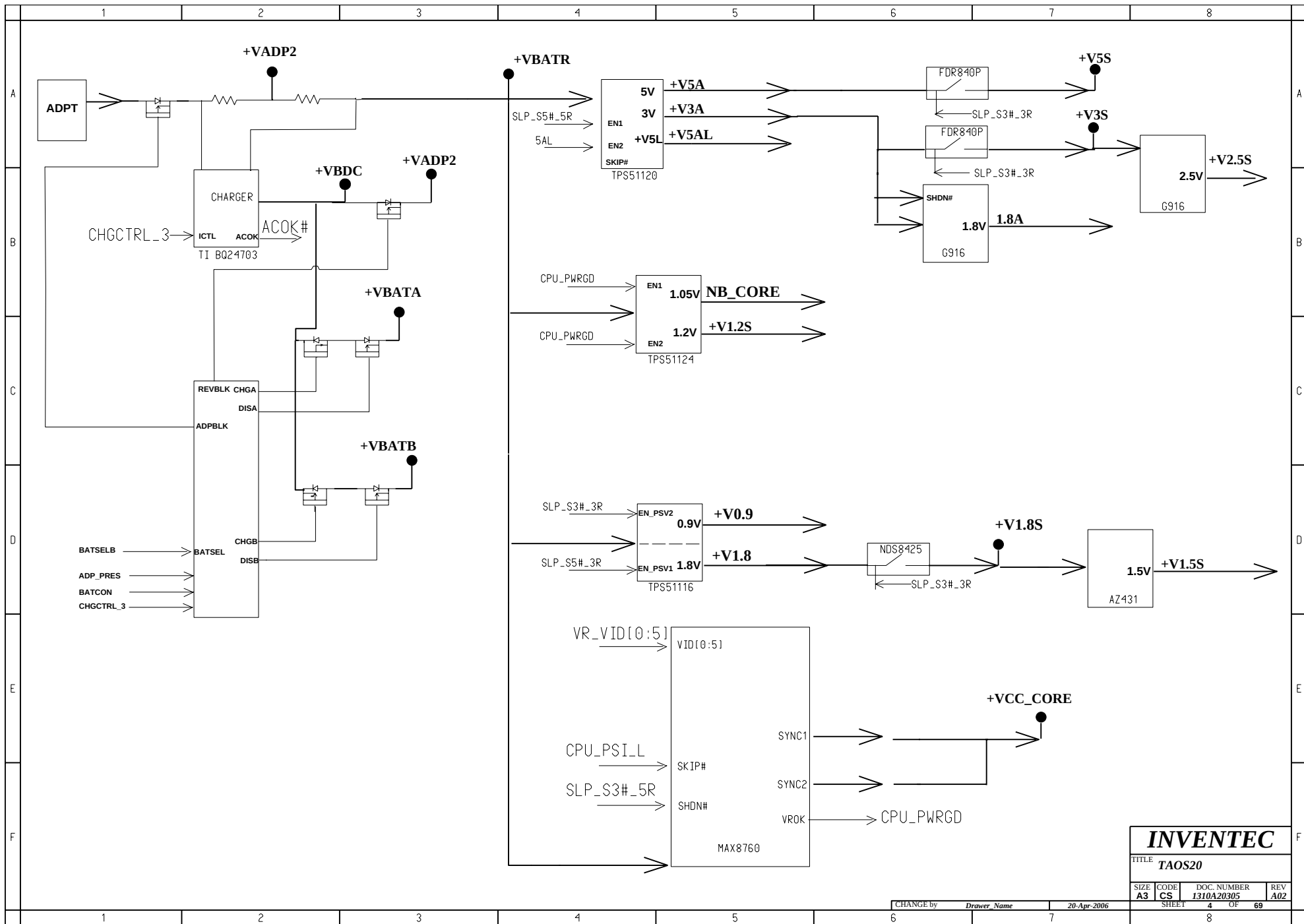
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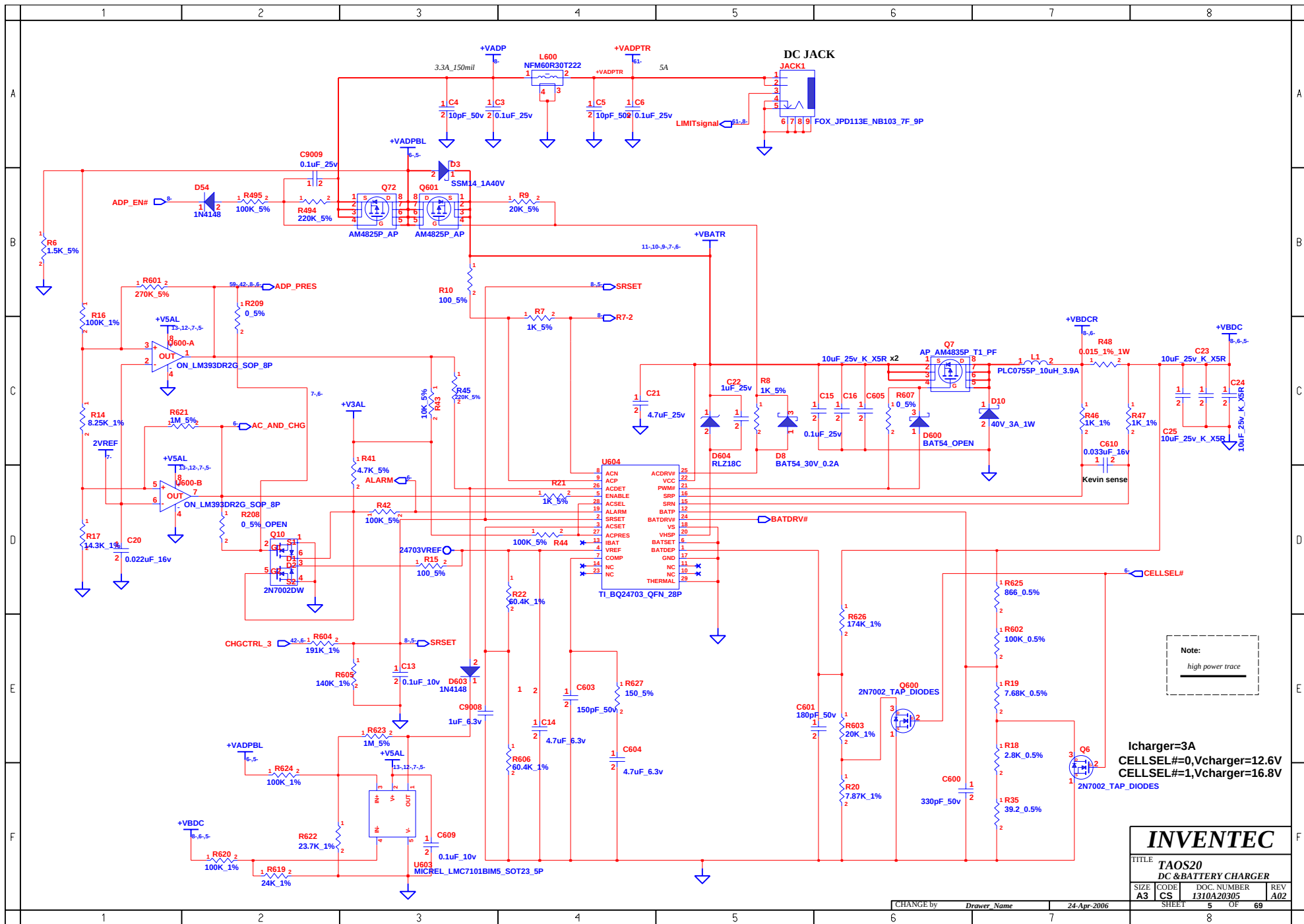
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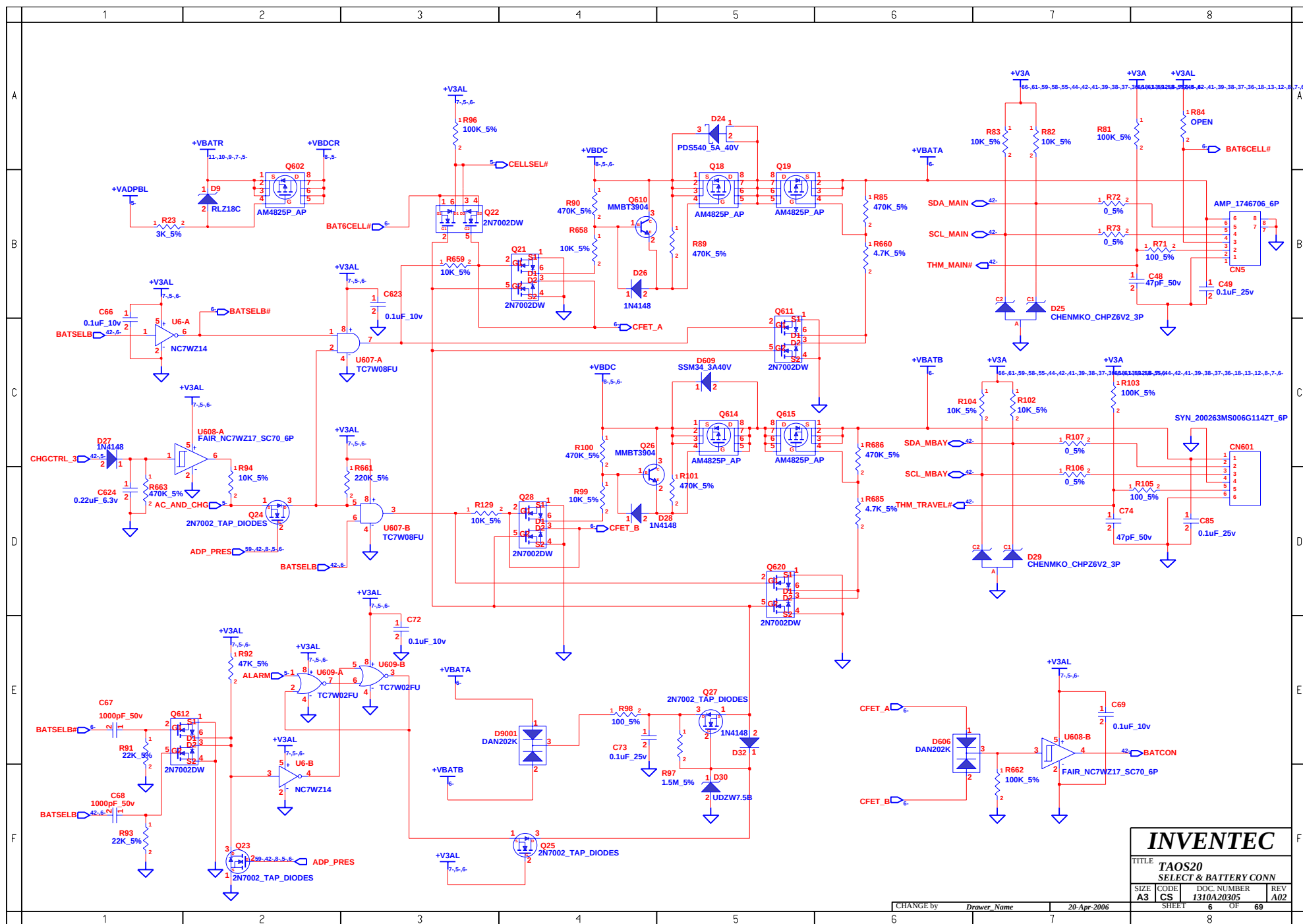
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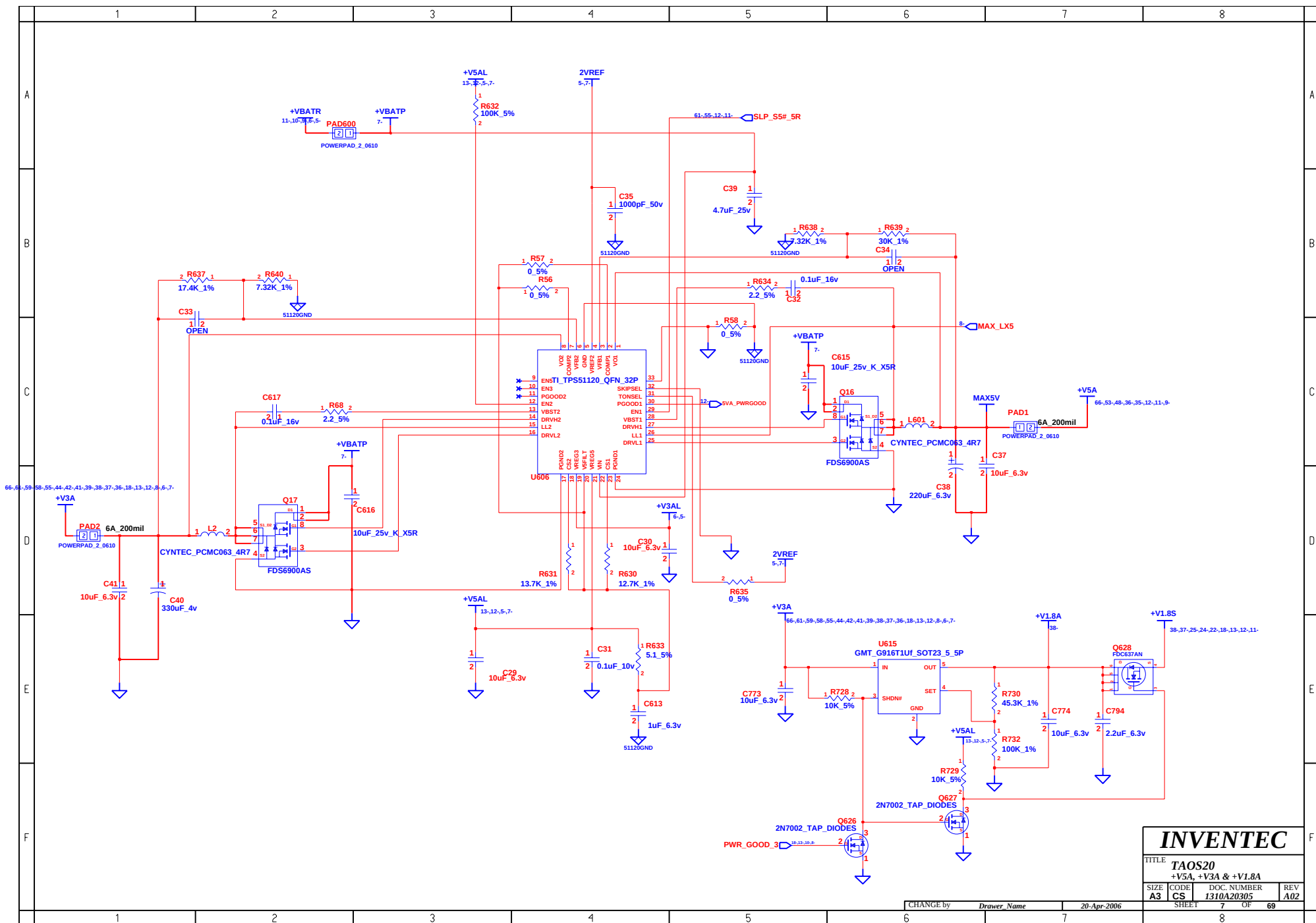
CHANGE by *Drawn Name* 20-Apr-2006

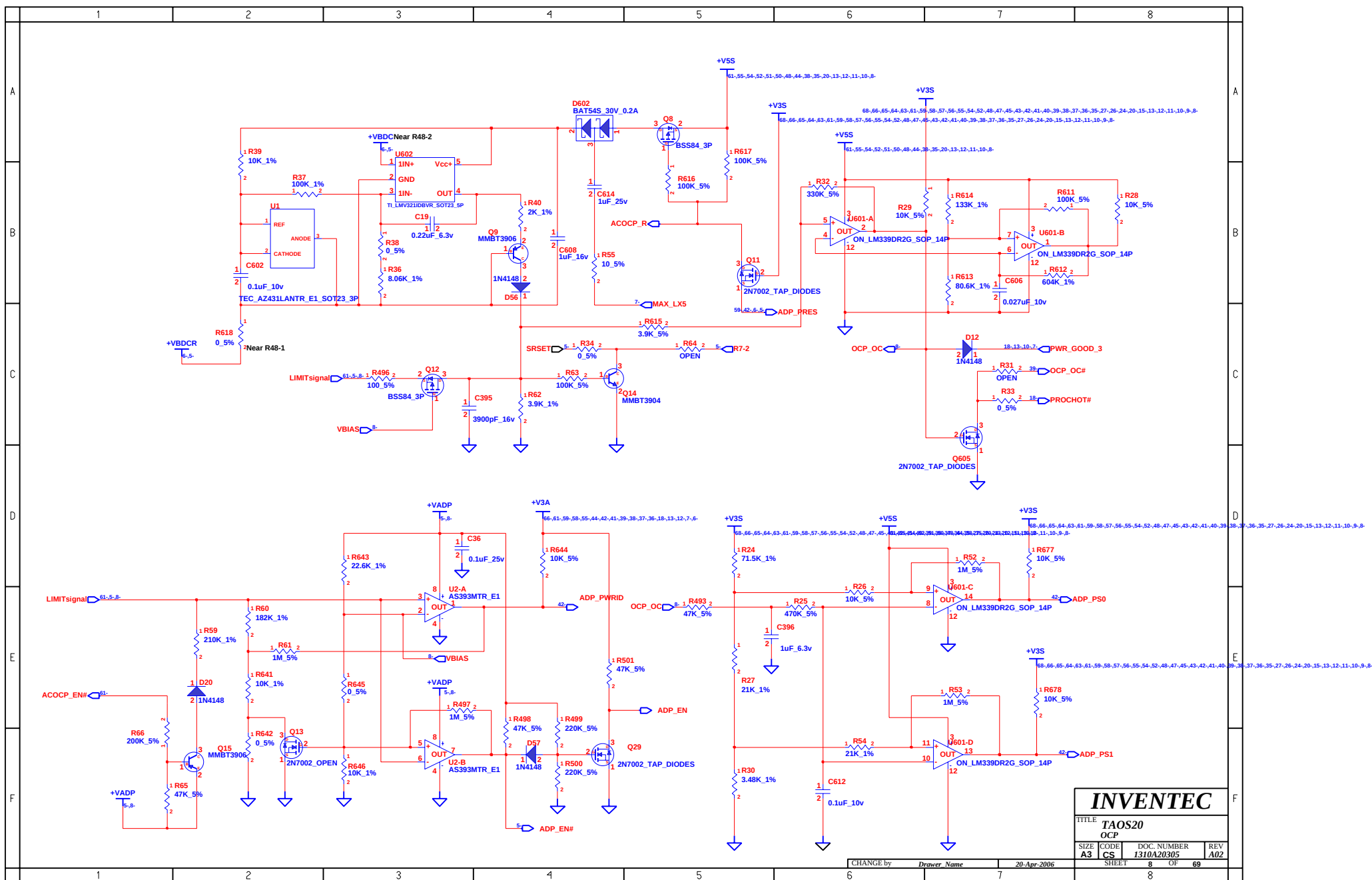
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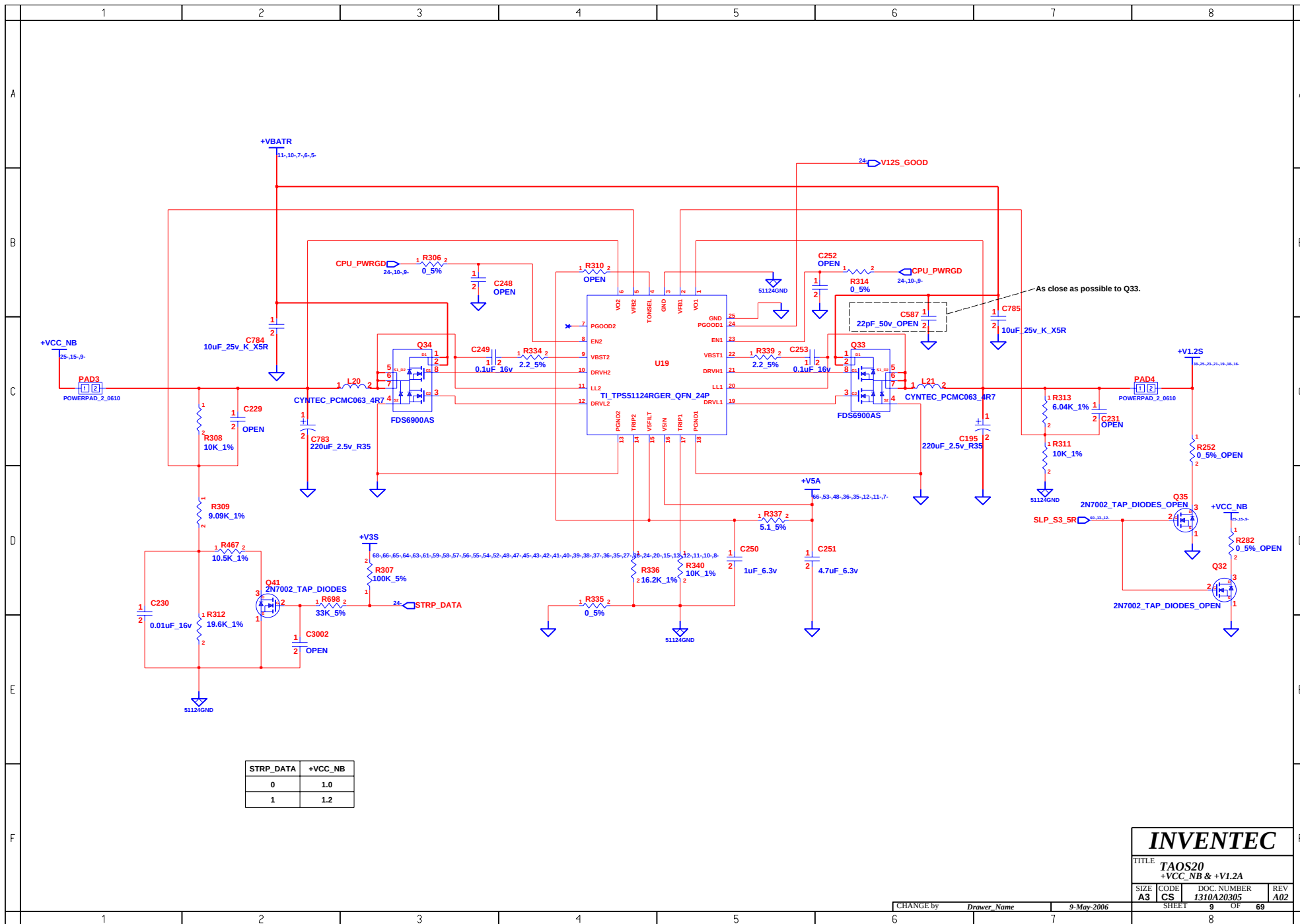


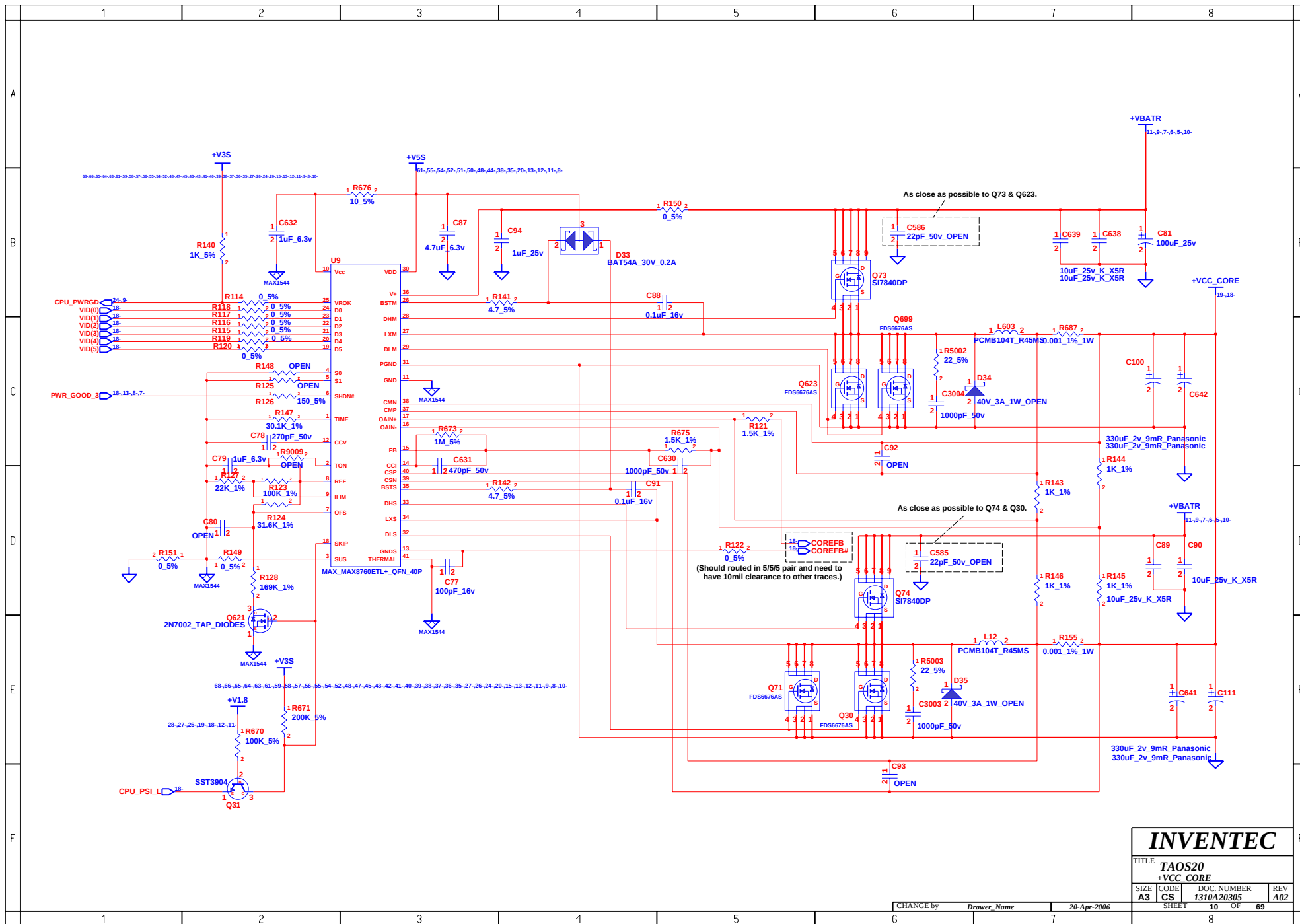


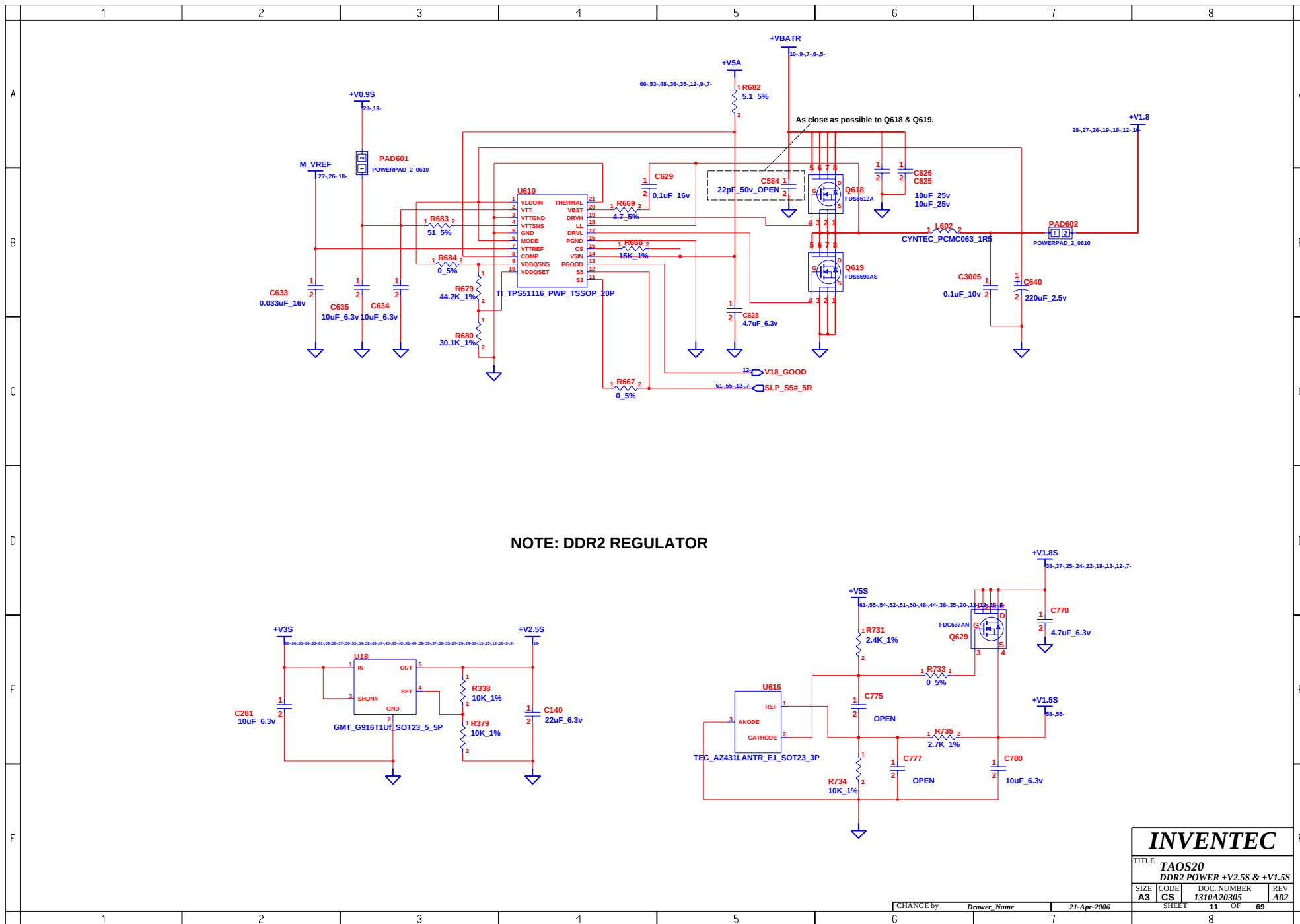


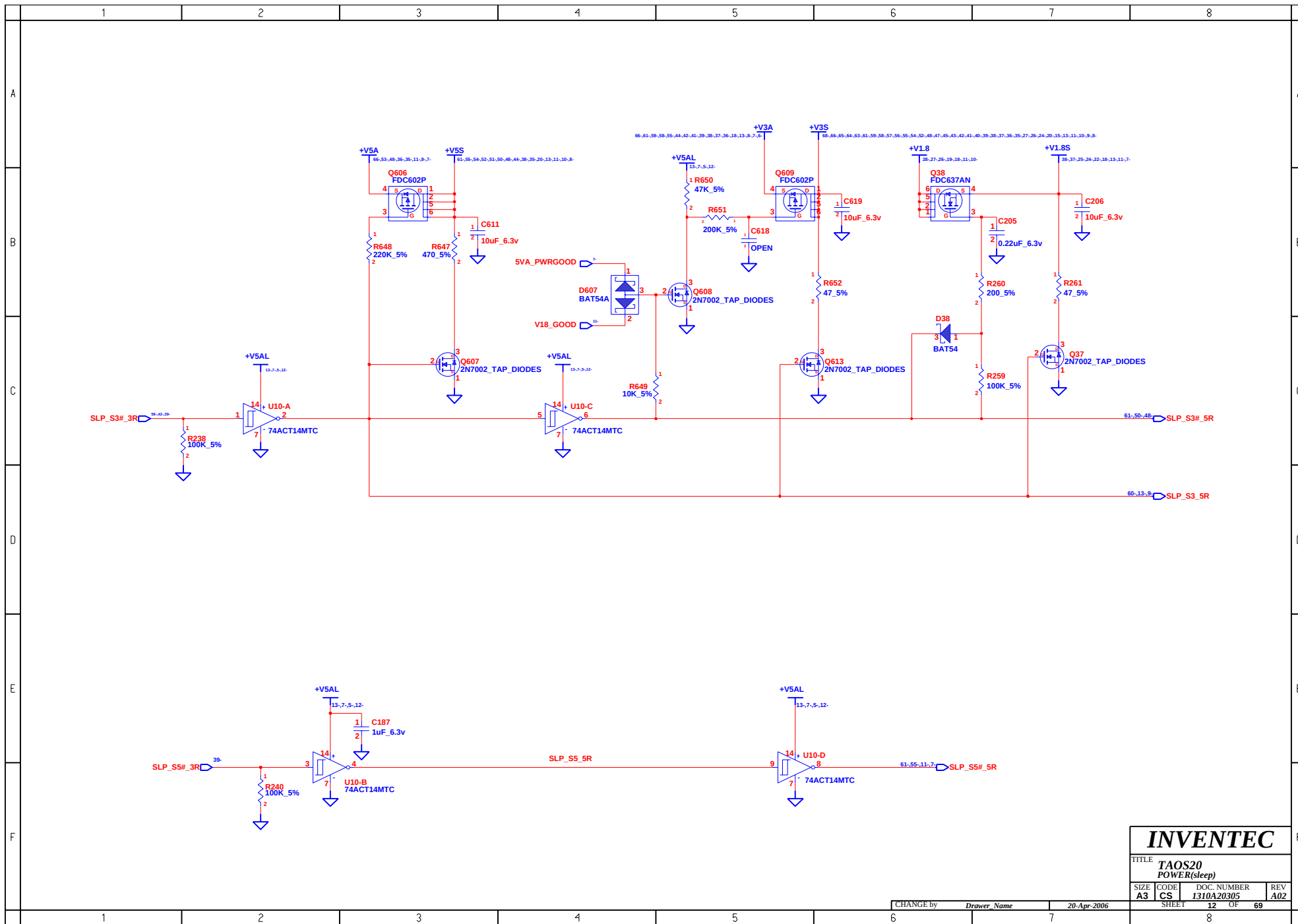










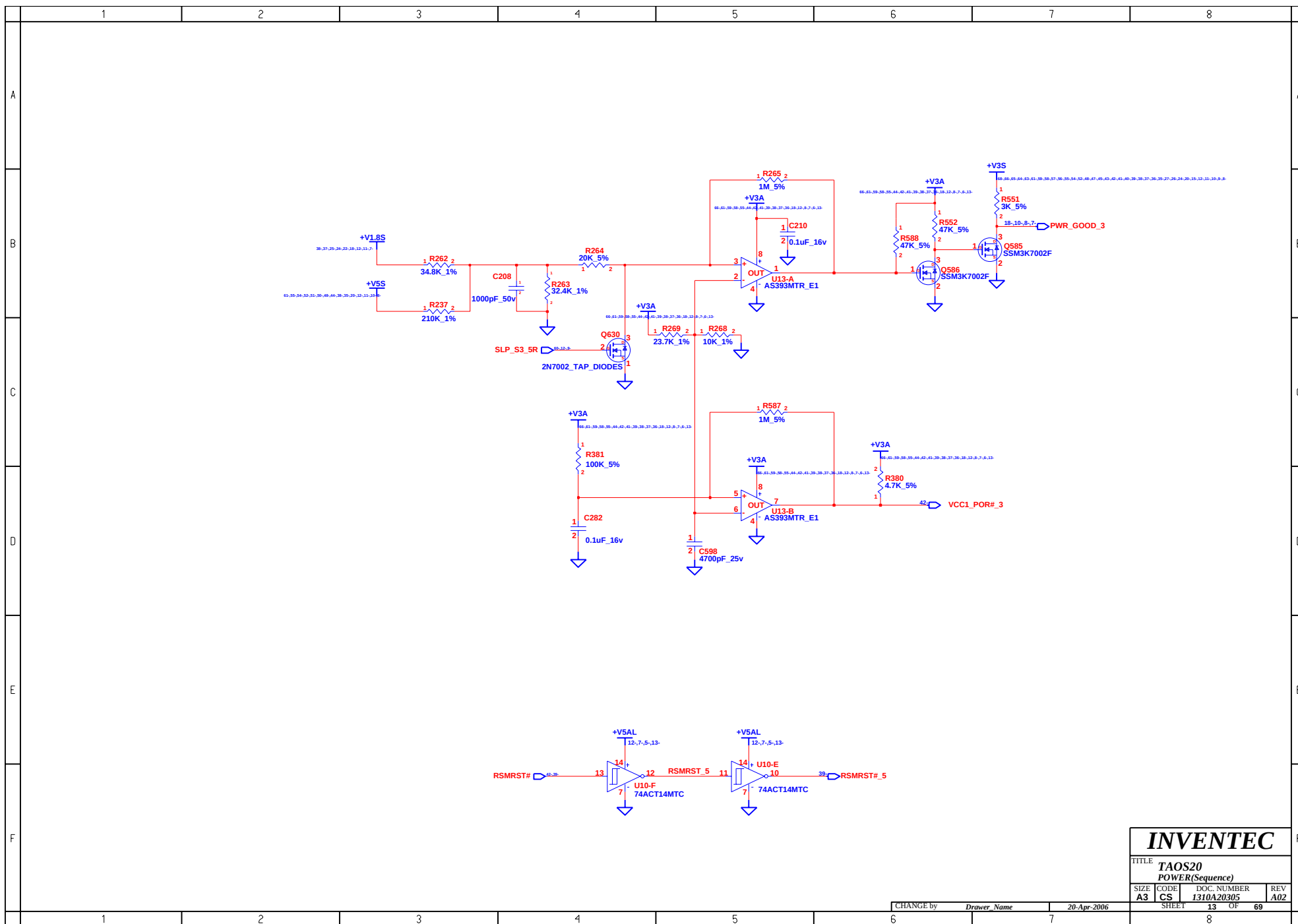


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TAOS20 POWER(sleep)		
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A3	CS	I310A20305
SHEET		REV
12		A02

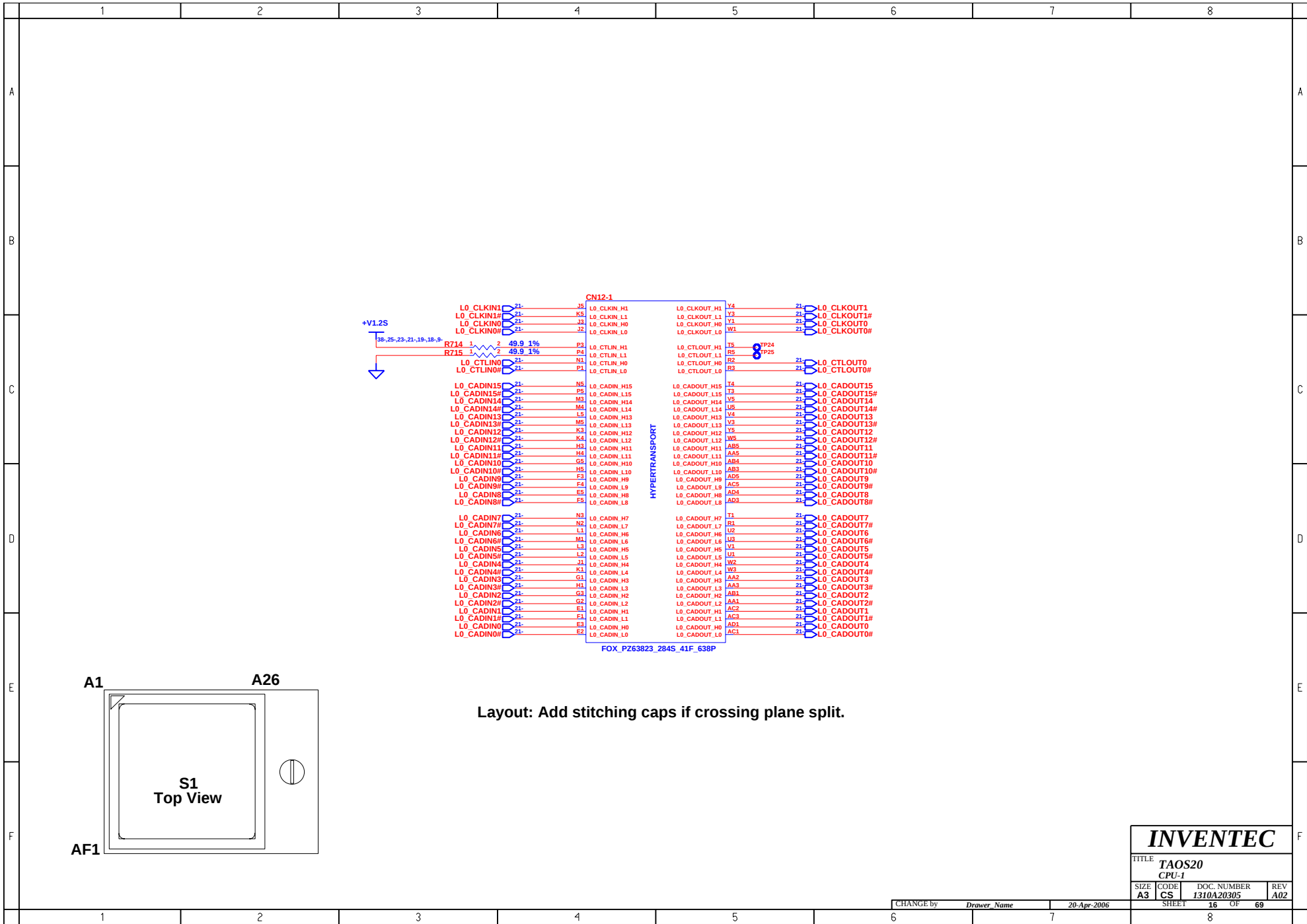
CHANGE by *Drawer Name* 20-Apr-2006

OF 69



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

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TITLE TAOS20 BLANK			
SIZE A3	CODE CS	DOC. NUMBER 1310A20305	REV A02
CHANGE by Drafter Name		20-Apr-2006	
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Keep trace to resistor less than 600mils from CPU pin and trace to AC caps less than 1250mils.

Do not use AMD serial I/F to thermal monitoring circuit in the future

Routing DIFF pair type

FOR debug (220ohm)

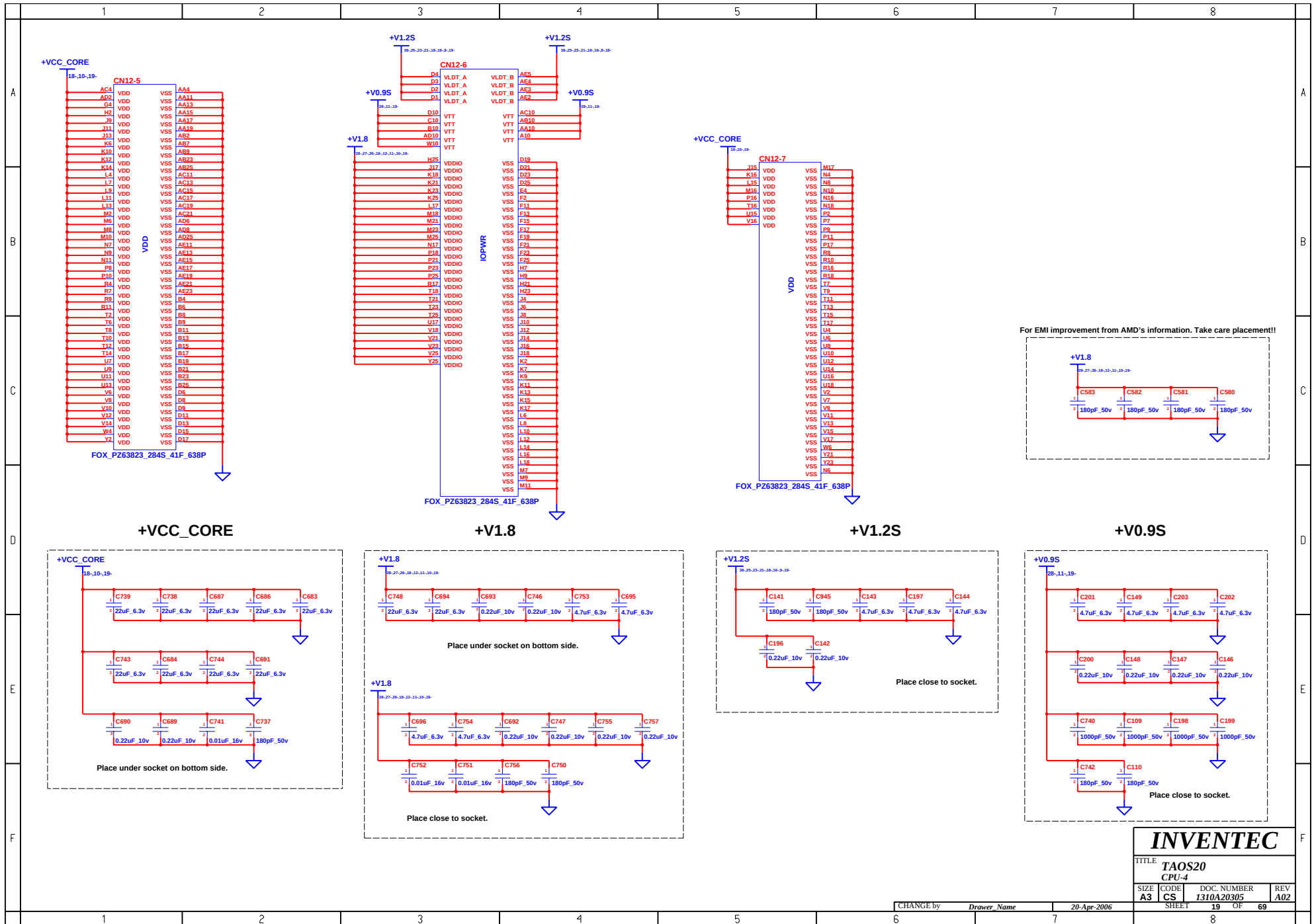
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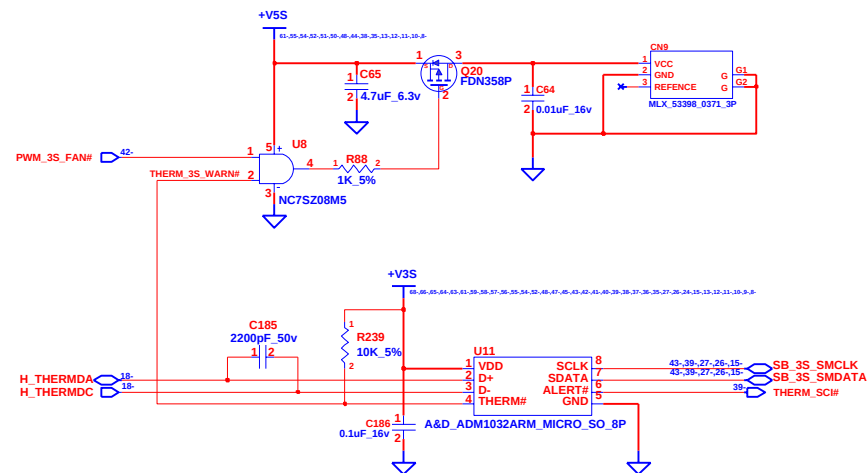
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CHANGE by *Drawn Name* 20-Apr-2006

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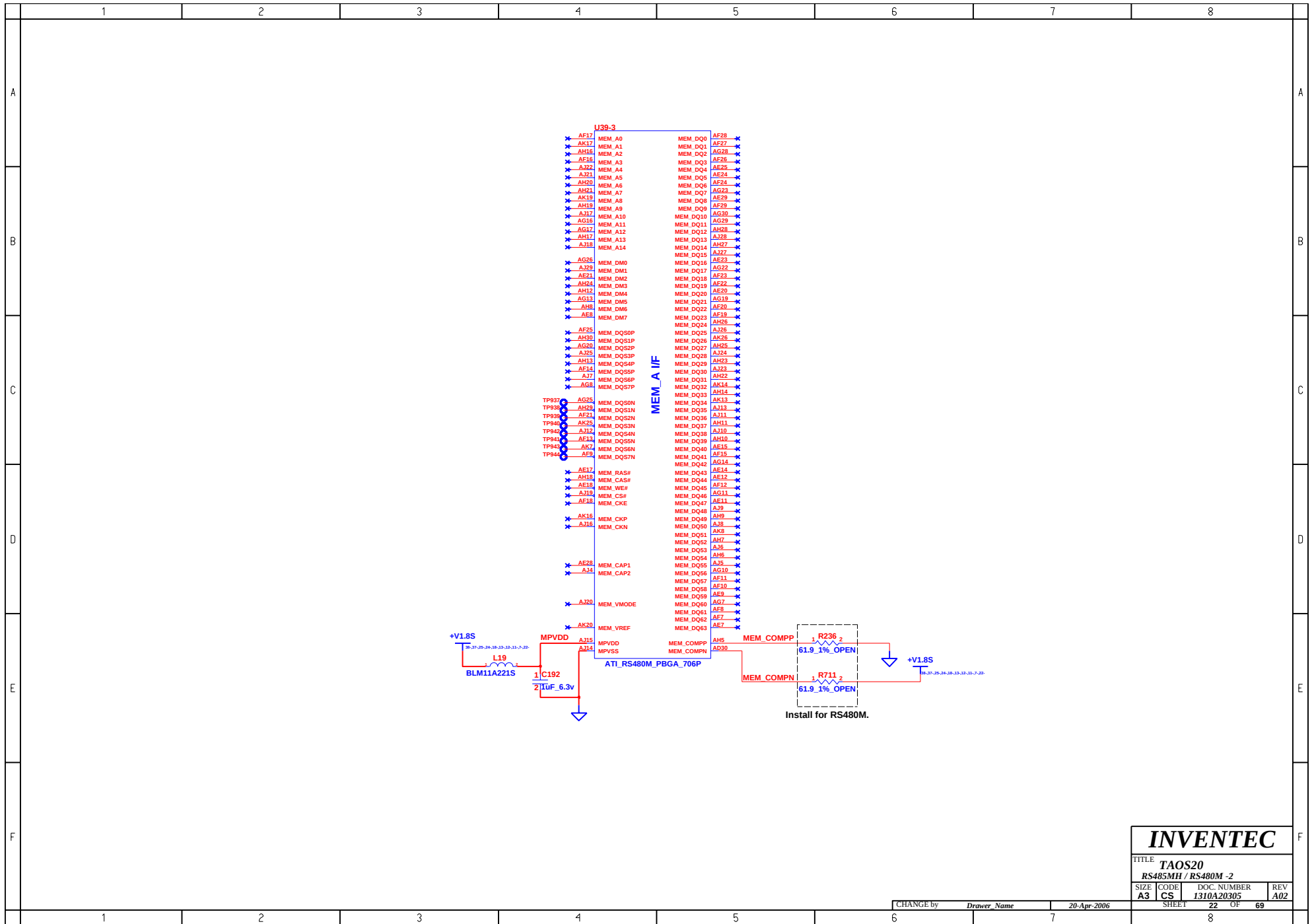




LAYOUT Note: Put the thermal sensor close to CPU.

INVENTEC			
TITLE			
TAOS20 THERMAL&FAN CONTROLLER			
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A3	CS	1310A20305	A01
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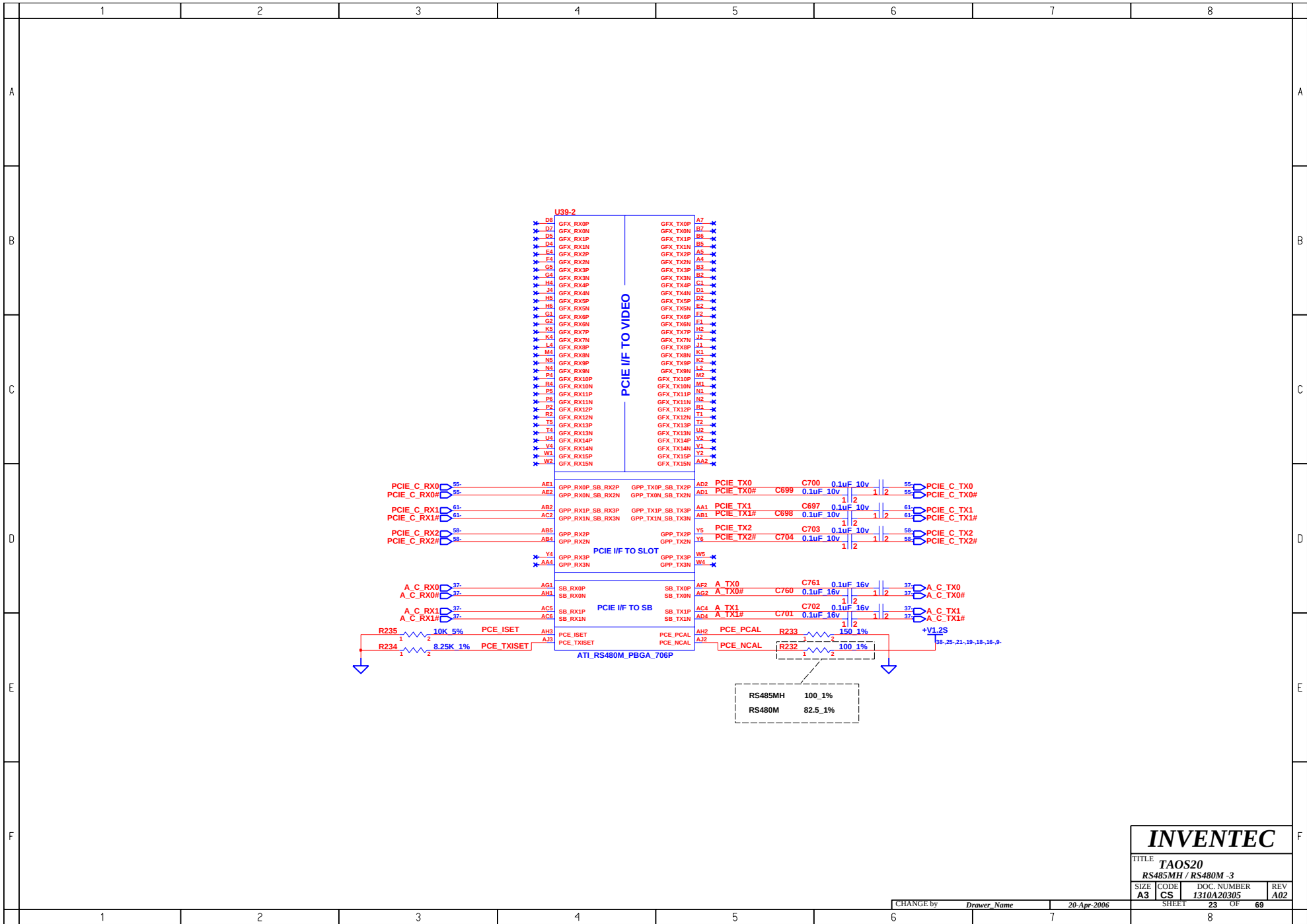
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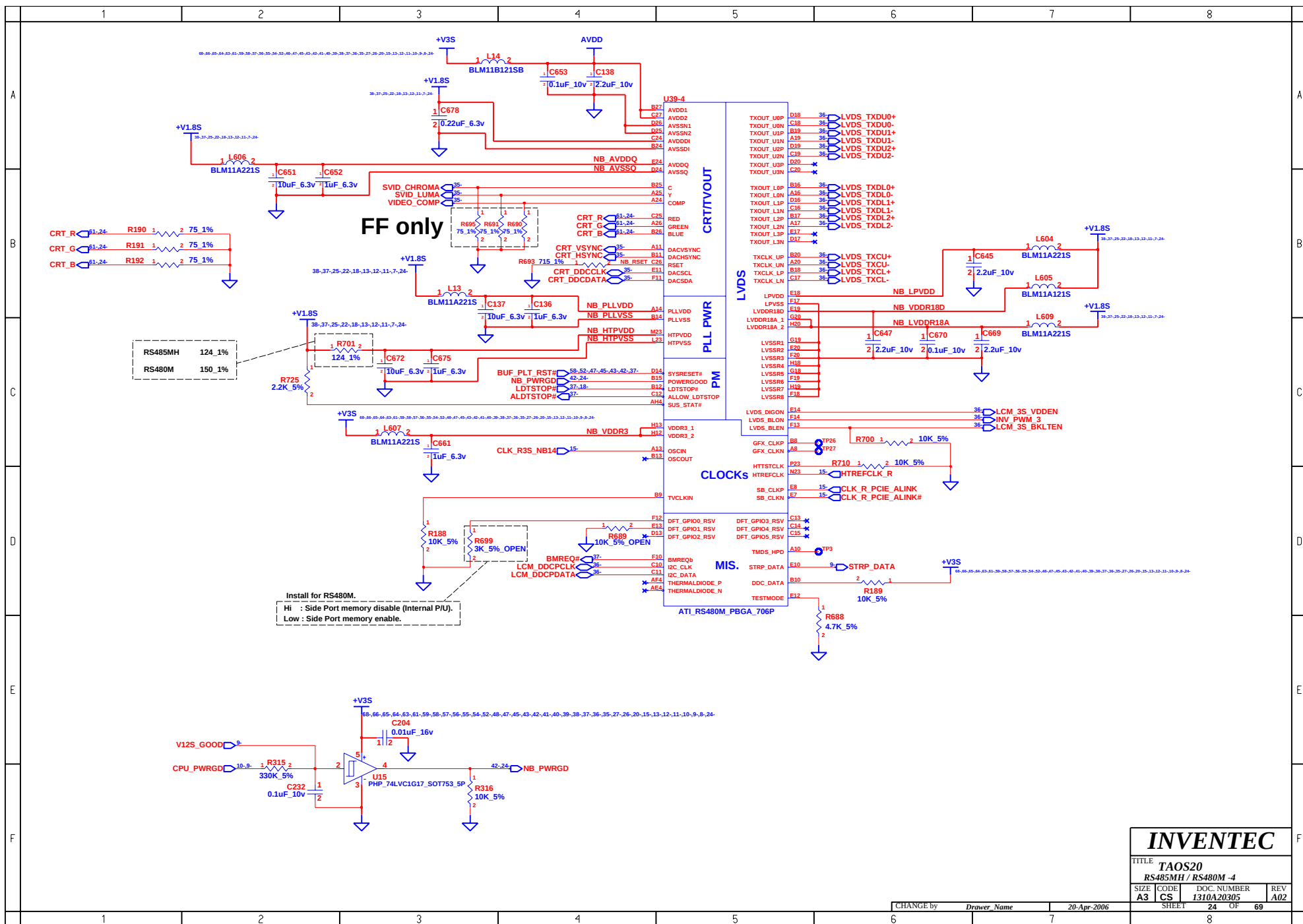
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TAOS20
RS485MH / RS480M -2

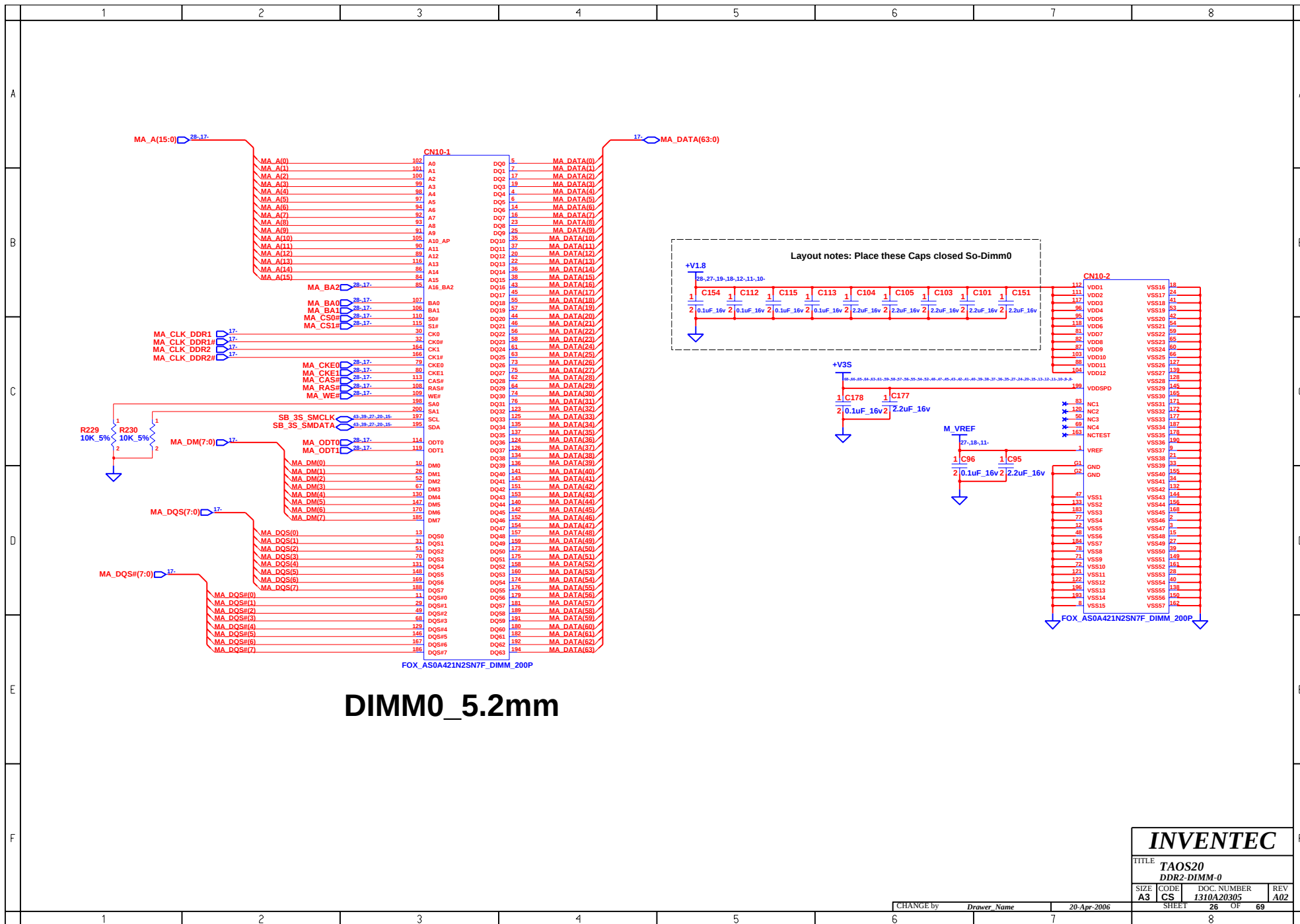
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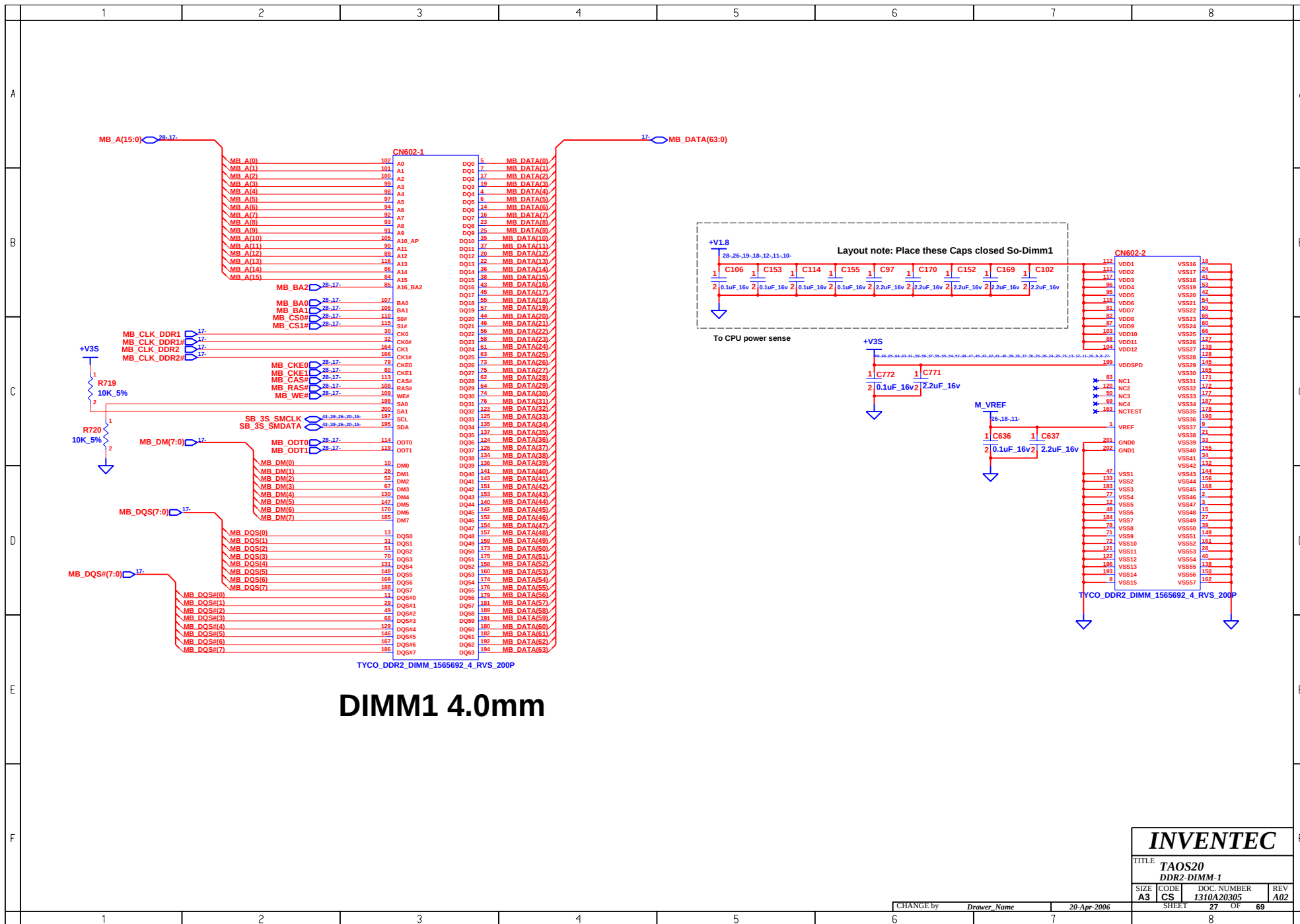
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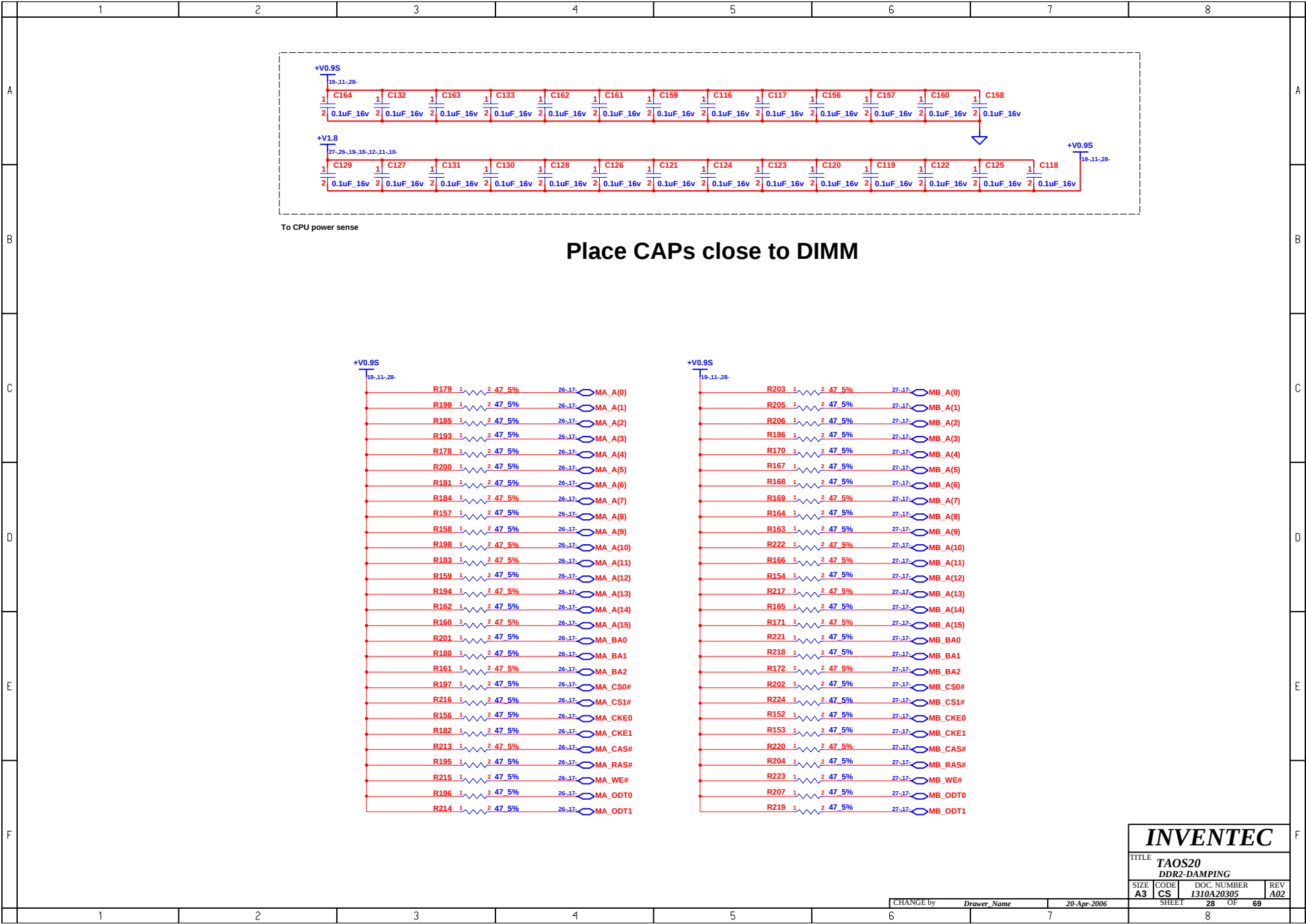
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CHANGE by *Drawer_Name* 20-Apr-2006

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SHEET		30	OF 69

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C									C
D									D
E									E
F									F
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INVENTEC

TITLE			
TAOS20			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A20305	A02
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CHANGE by *Drawn Name* 20-Apr-2006

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SHEET		32	OF 69

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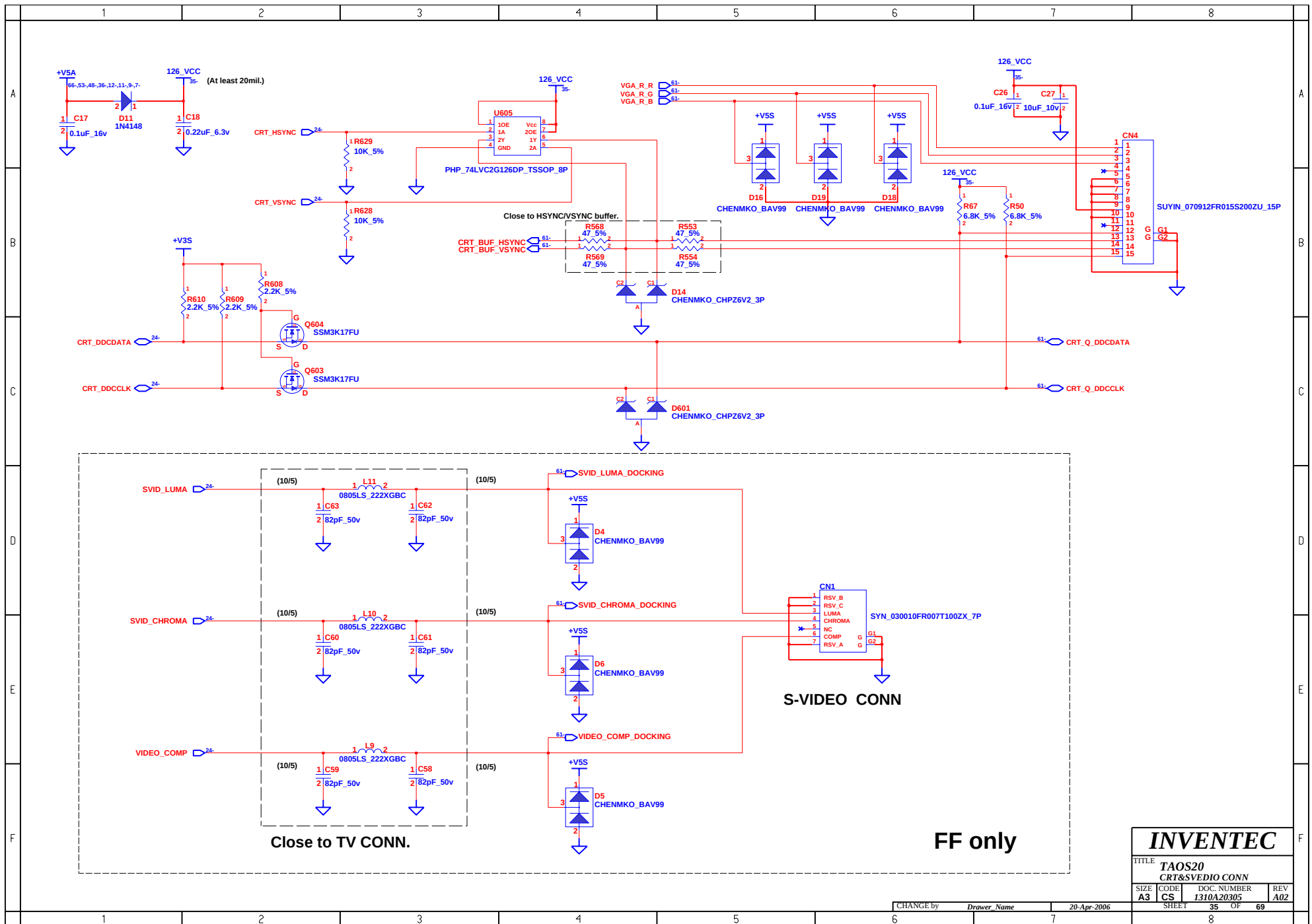
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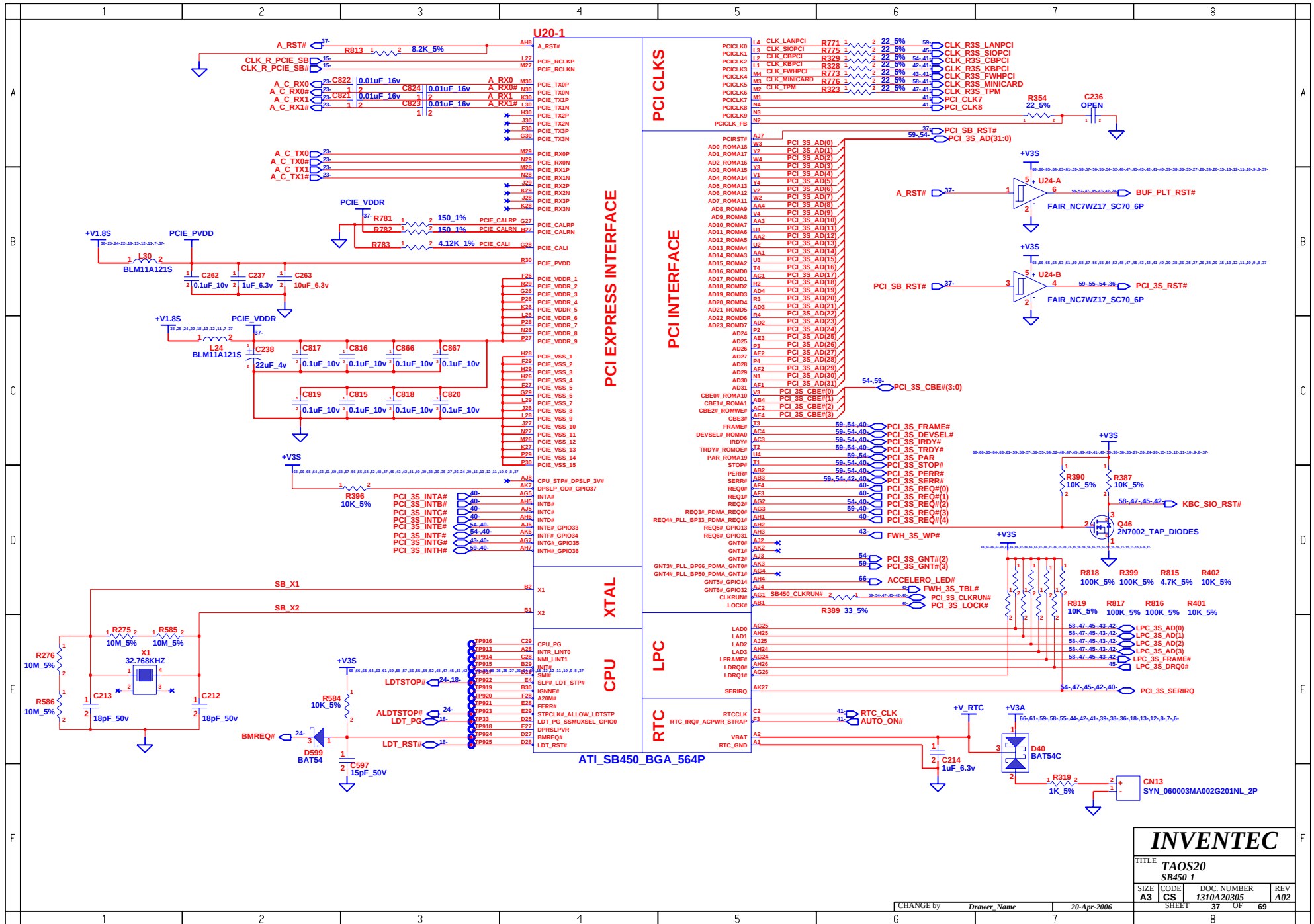
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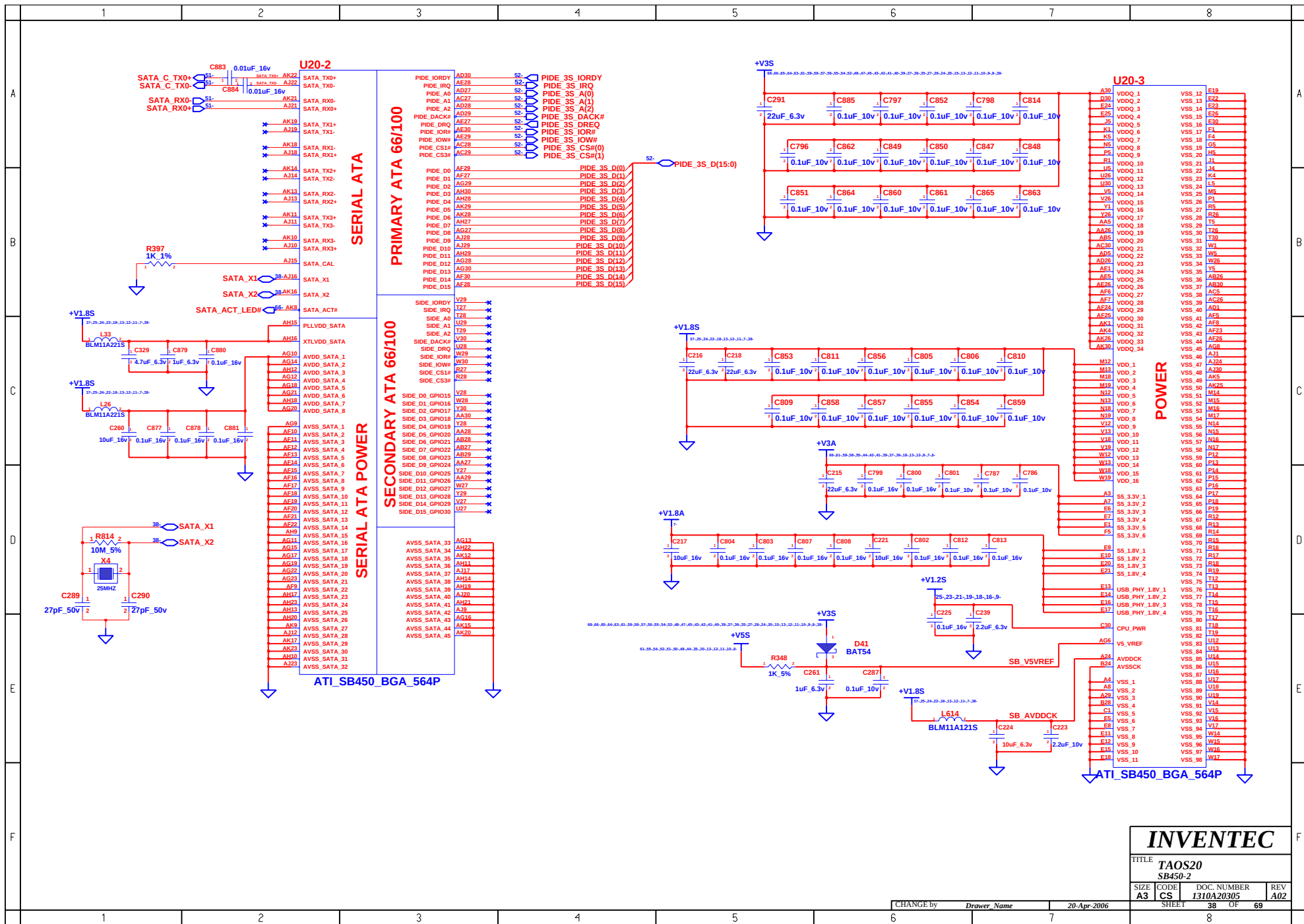
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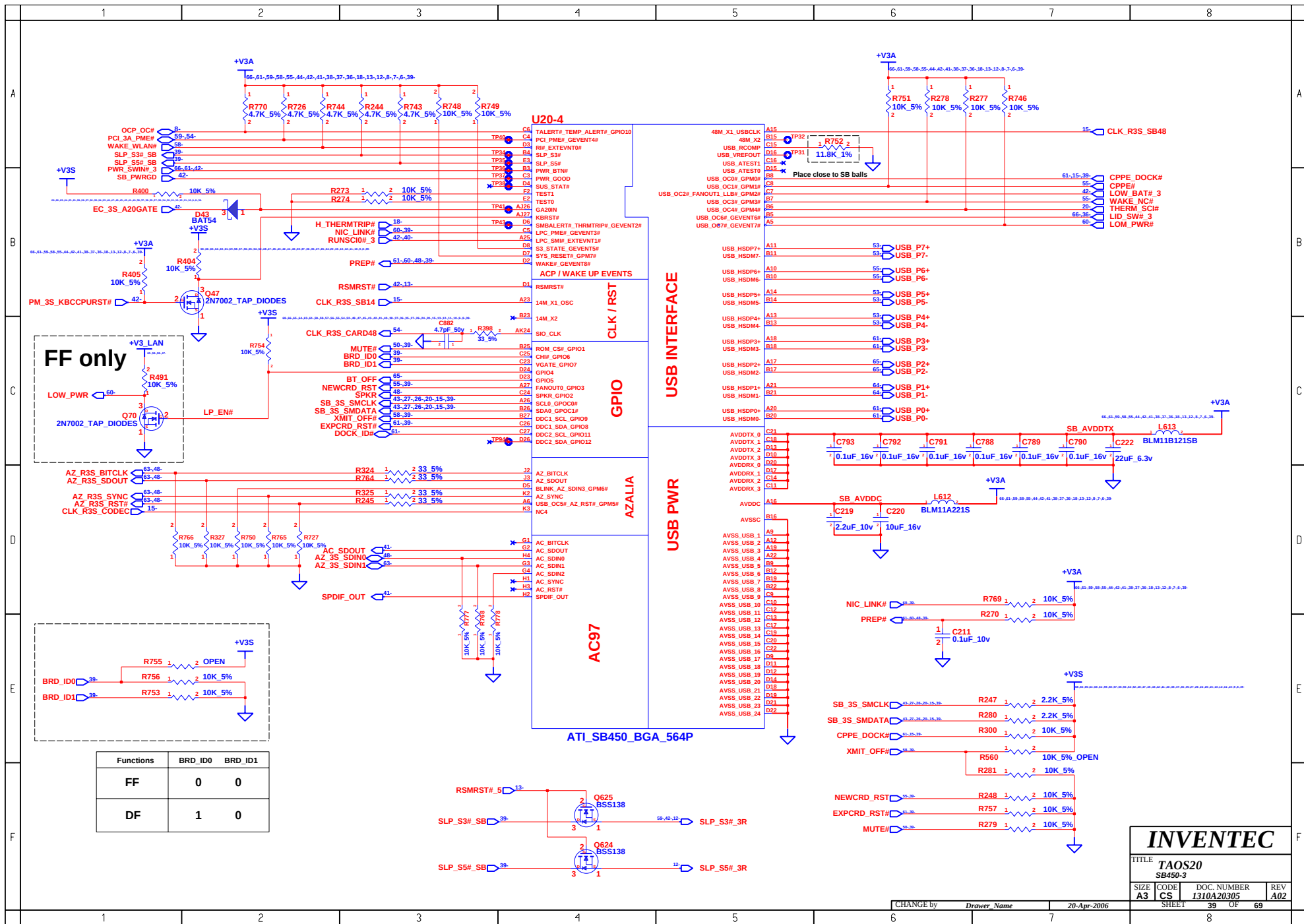
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CHANGE by Drafter Name		20-Apr-2006	
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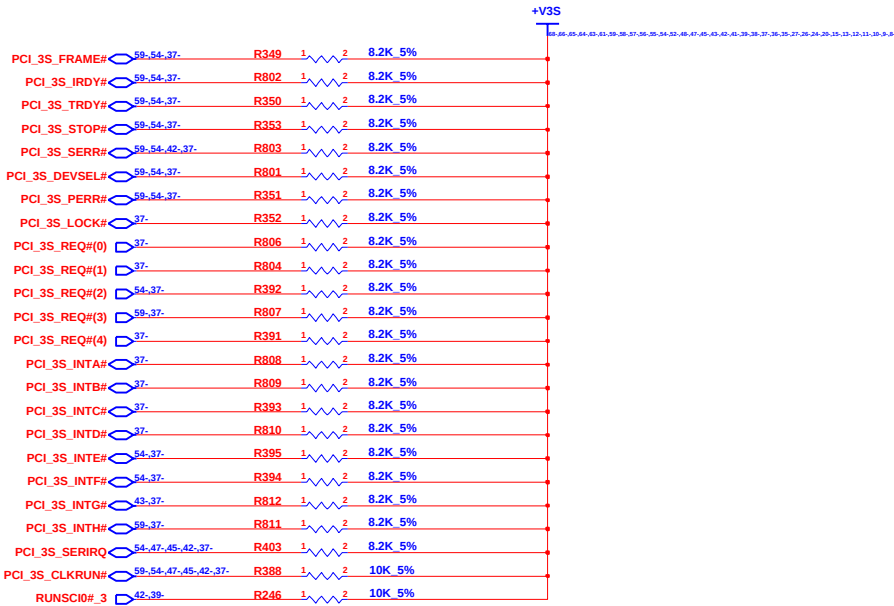


INVENTEC

TITLE TAOS20 SB450-3			
SIZE A3	CODE CS	DOC. NUMBER 1310A20305	REV A02
SHEET 39		OF 69	

CHANGE by *Draver Name* 20-Apr-2006

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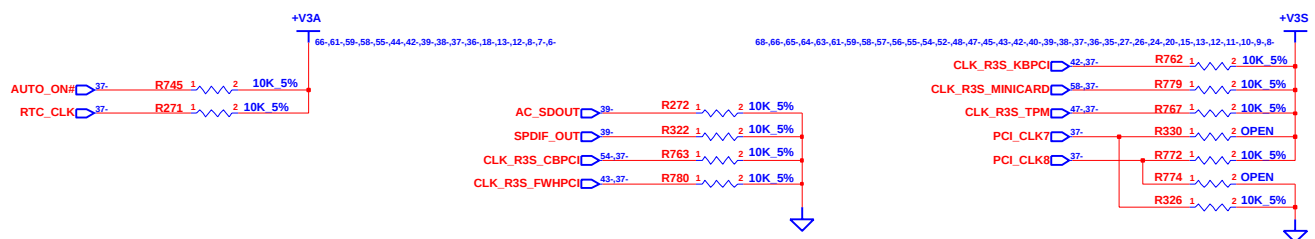
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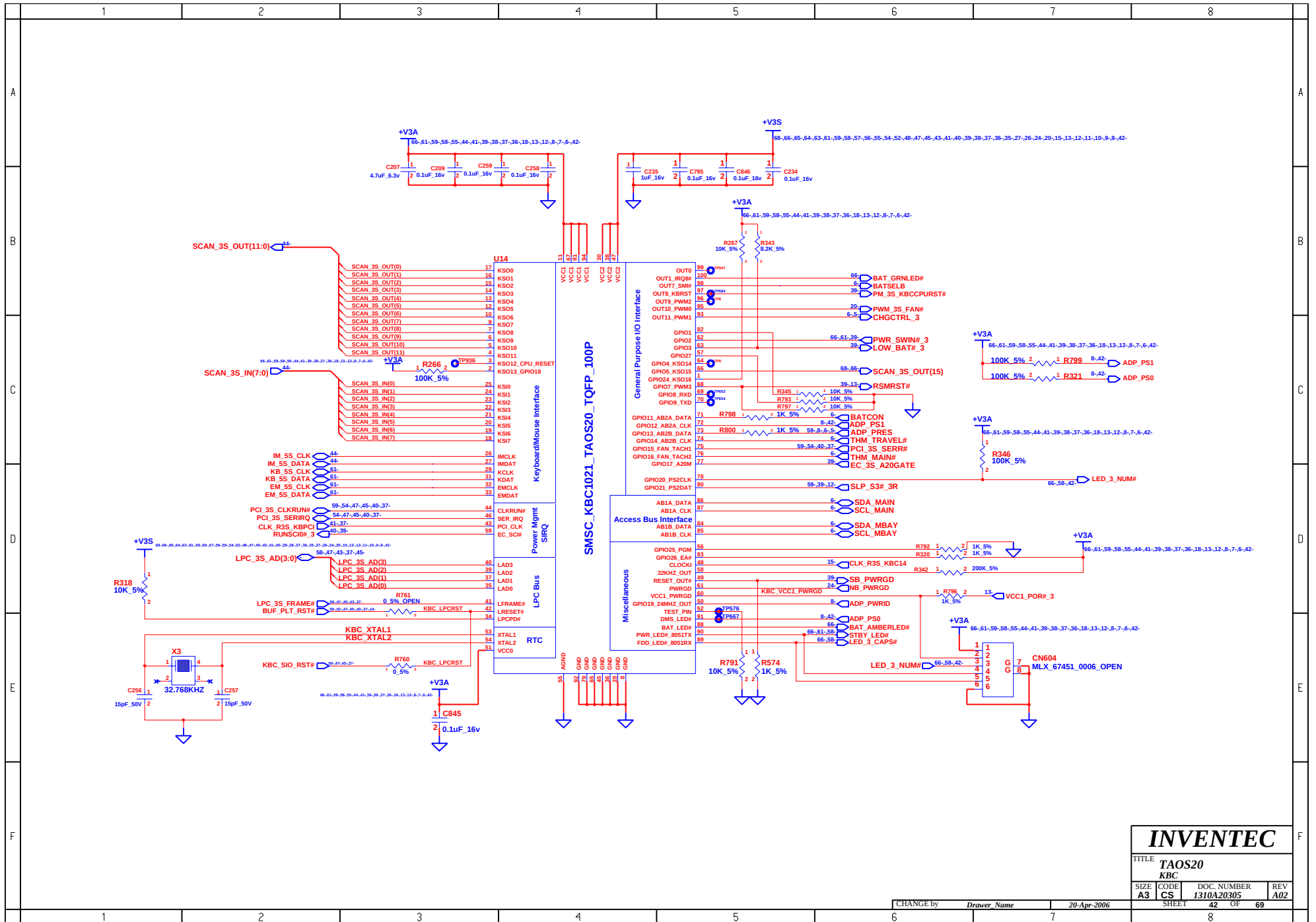
CHANGE by *Drawn Name* 20-Apr-2006

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	ACPWRON	AC_SDOUT	RTC_CLK	SPDIF_OUT	CLK_R3S_CBPCI	CLK_R3S_KBPCI	CLK_R3S_FWHPCI	CLK_R3S_MINICARD	PCI_CLK6	PCI_CLK7 PCI_CLK8
PULL HIGH	MANUAL POWER ON ■	USE DEBUG STRAPS	INTERNAL RTC ■	SIO 24MHz	48MHz XTAL	PHY PWRDOWN DISABLE ■	USE INT. PLL48	PCIE CM_SET LOW ■	CPU K8 ■	HH: PCI ROM HL: LPC 1 ROM
PULL LOW	AUTO POWER ON	IGNORE DEBUG STRAPS ■	EXTERNAL RTC	SIO 48MHz ■	48MHz OSC ■	PHY PWRDOWN ENABLE	USE EXT. 48M CLK ■	PCIE CM_SET HIGH	CPU P4	LH: LPC 2 ROM ■ LL: FWH ROM



INVENTEC			
TITLE TAOS20 SB450-5			
SIZE A3	CODE CS	DOC. NUMBER 1310A20305	REV A02
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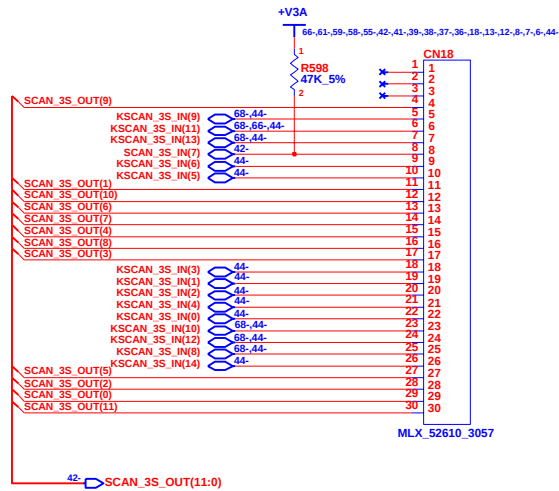


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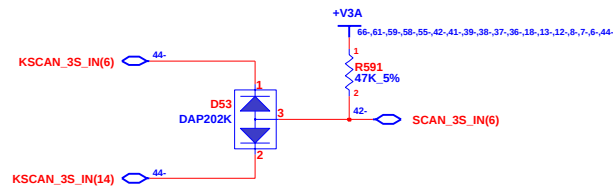
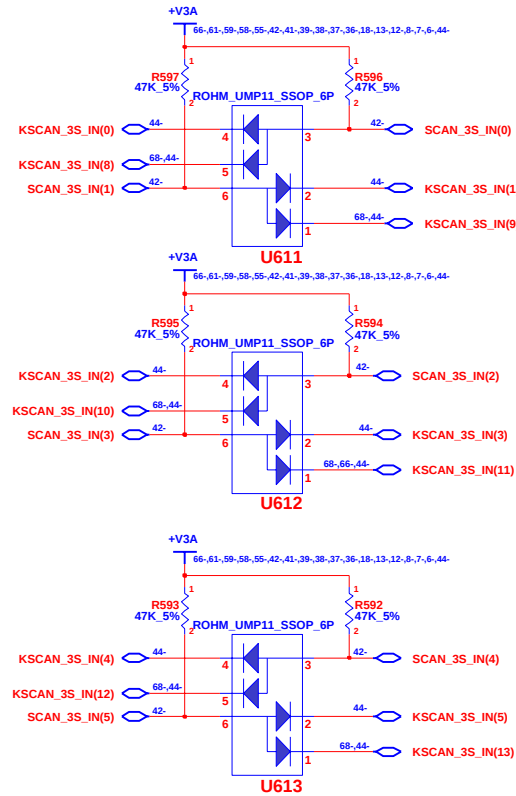
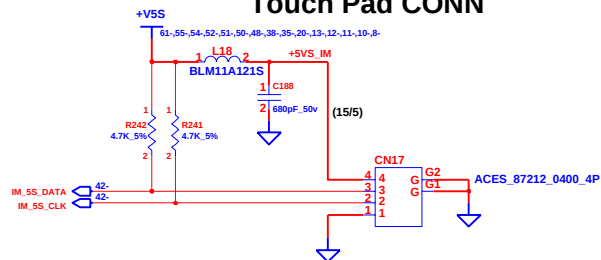
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CHANGE by *Drawer Name* 20-Apr-2006

Keyboard CONN



Touch Pad CONN

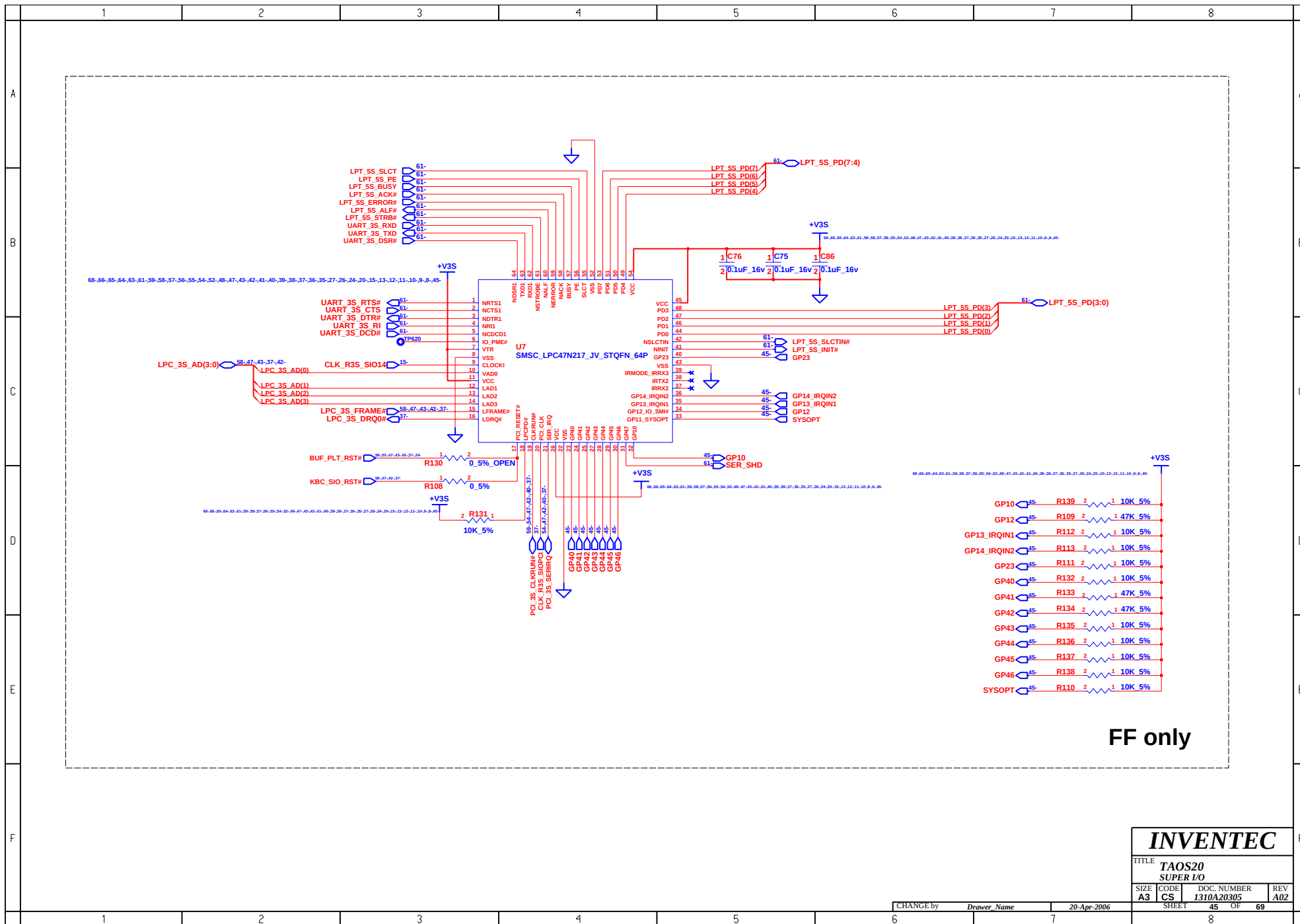


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TAOS20			
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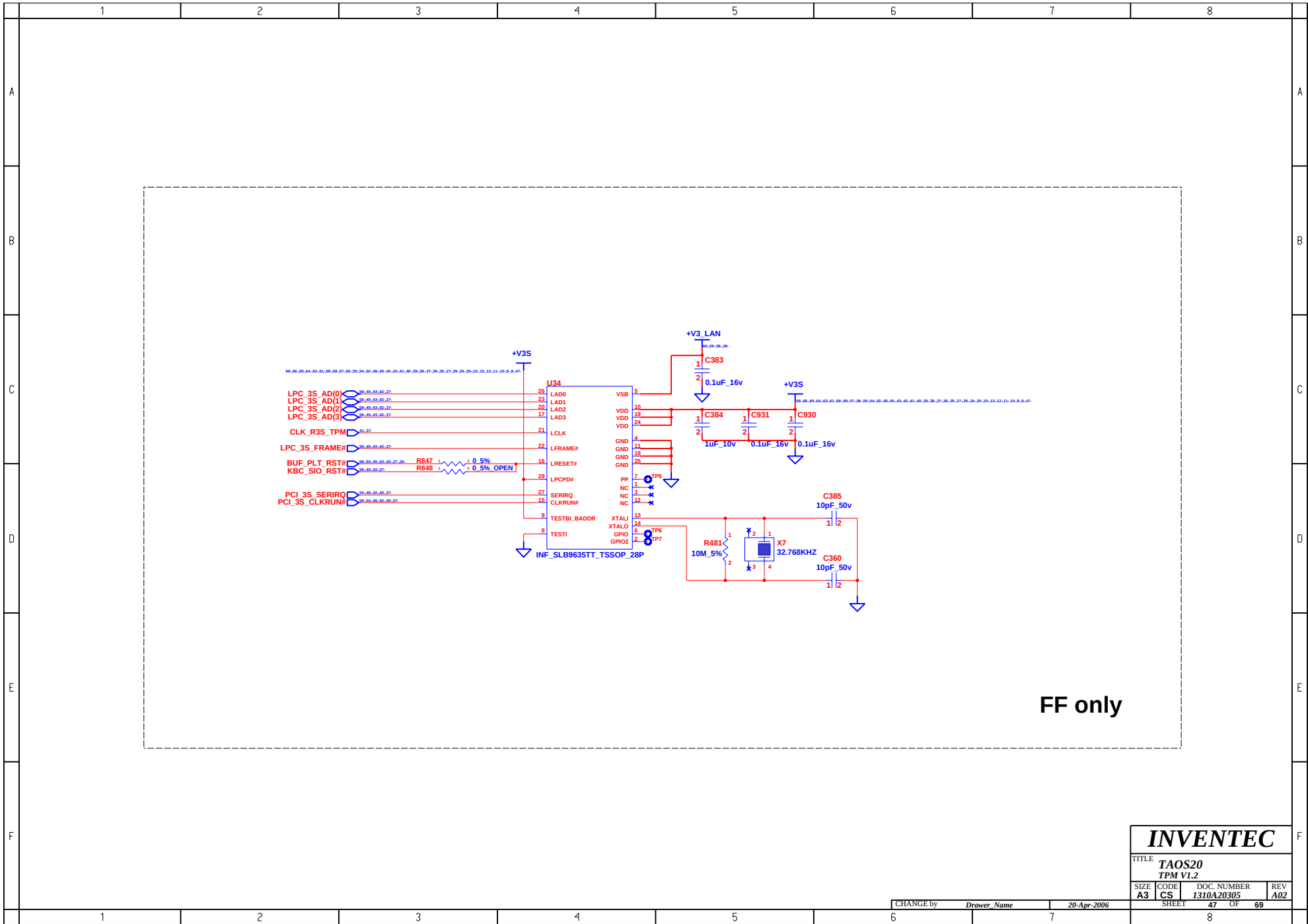
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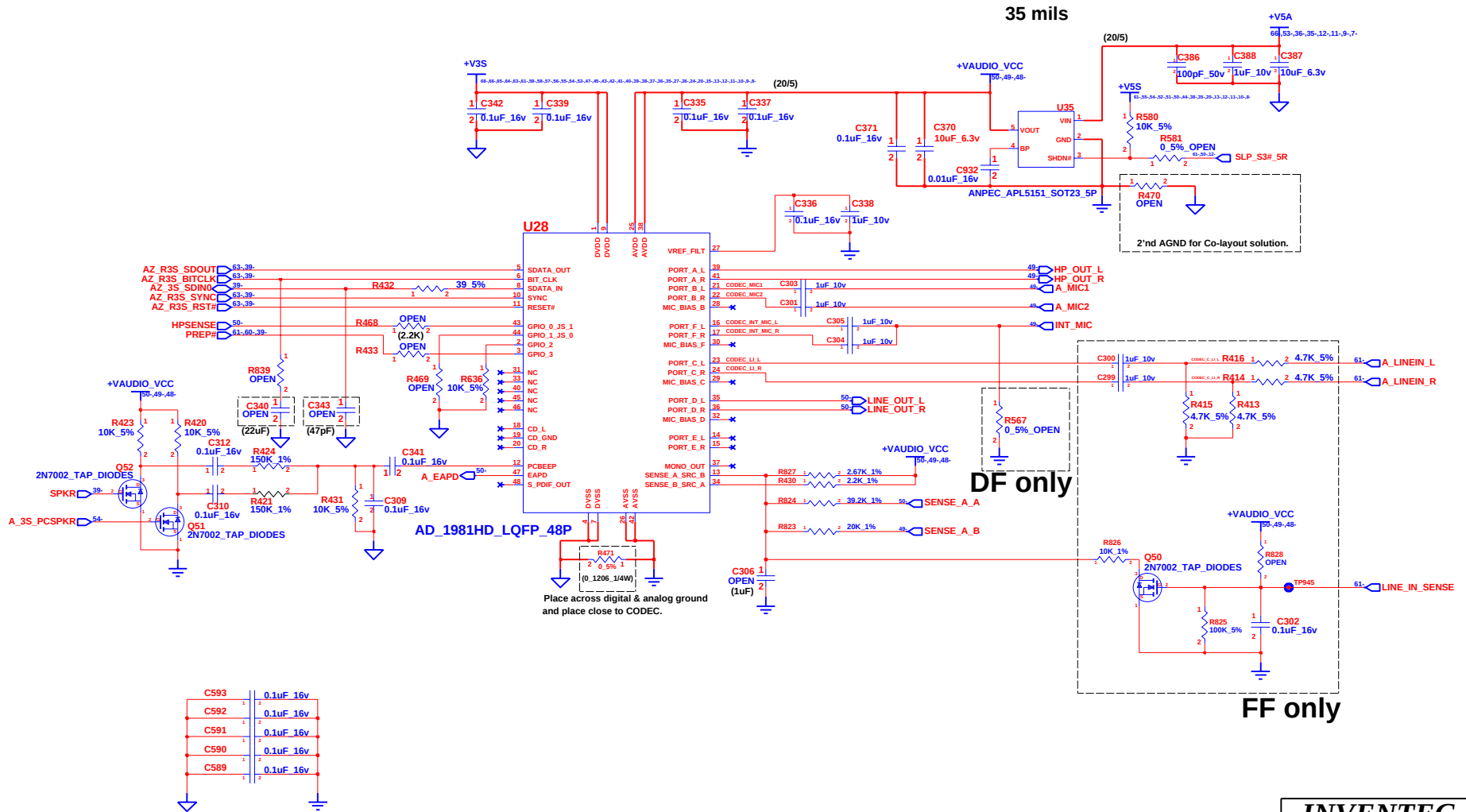
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C									C
D									D
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CHANGE by Drafter Name		20-Apr-2006	
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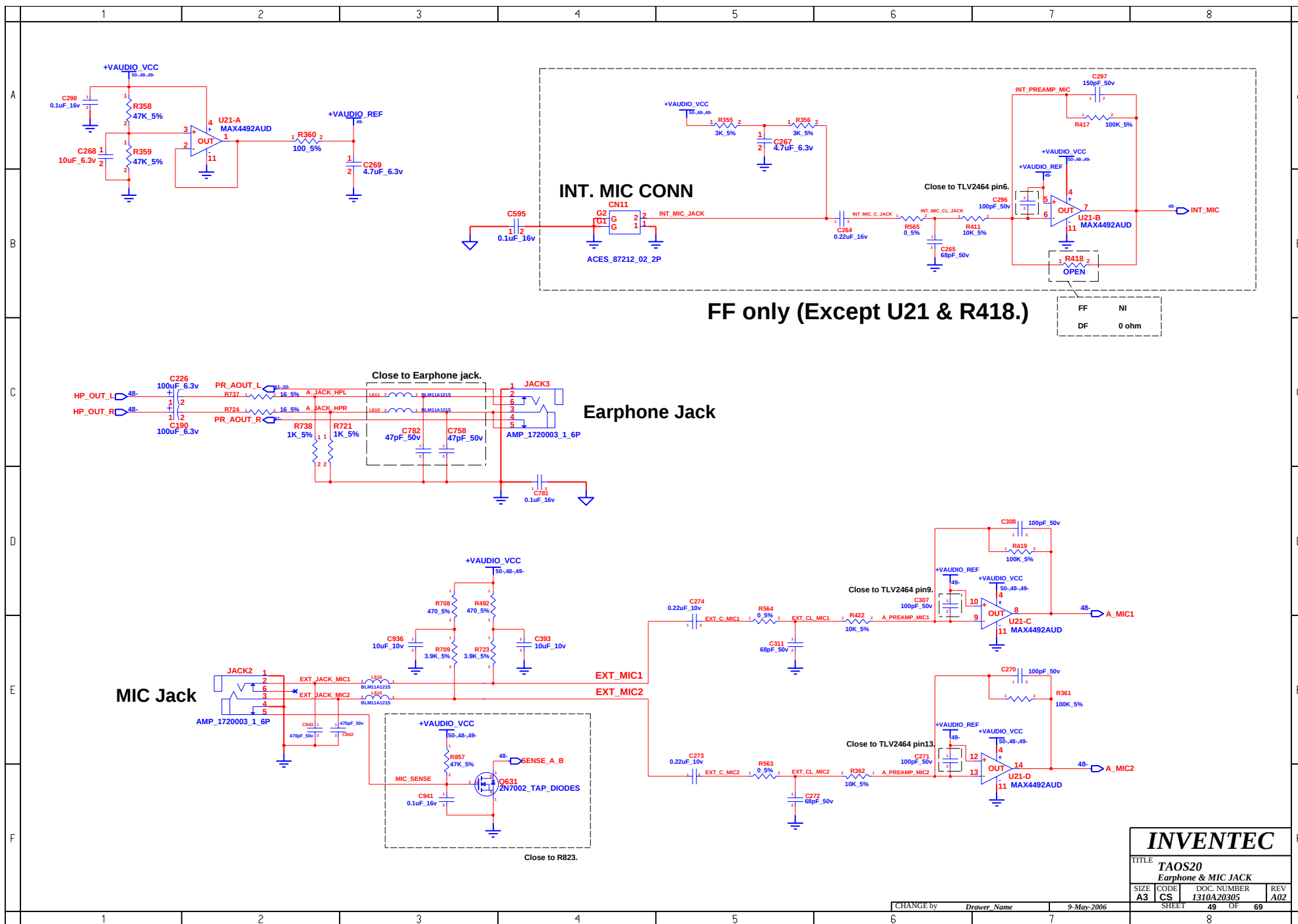


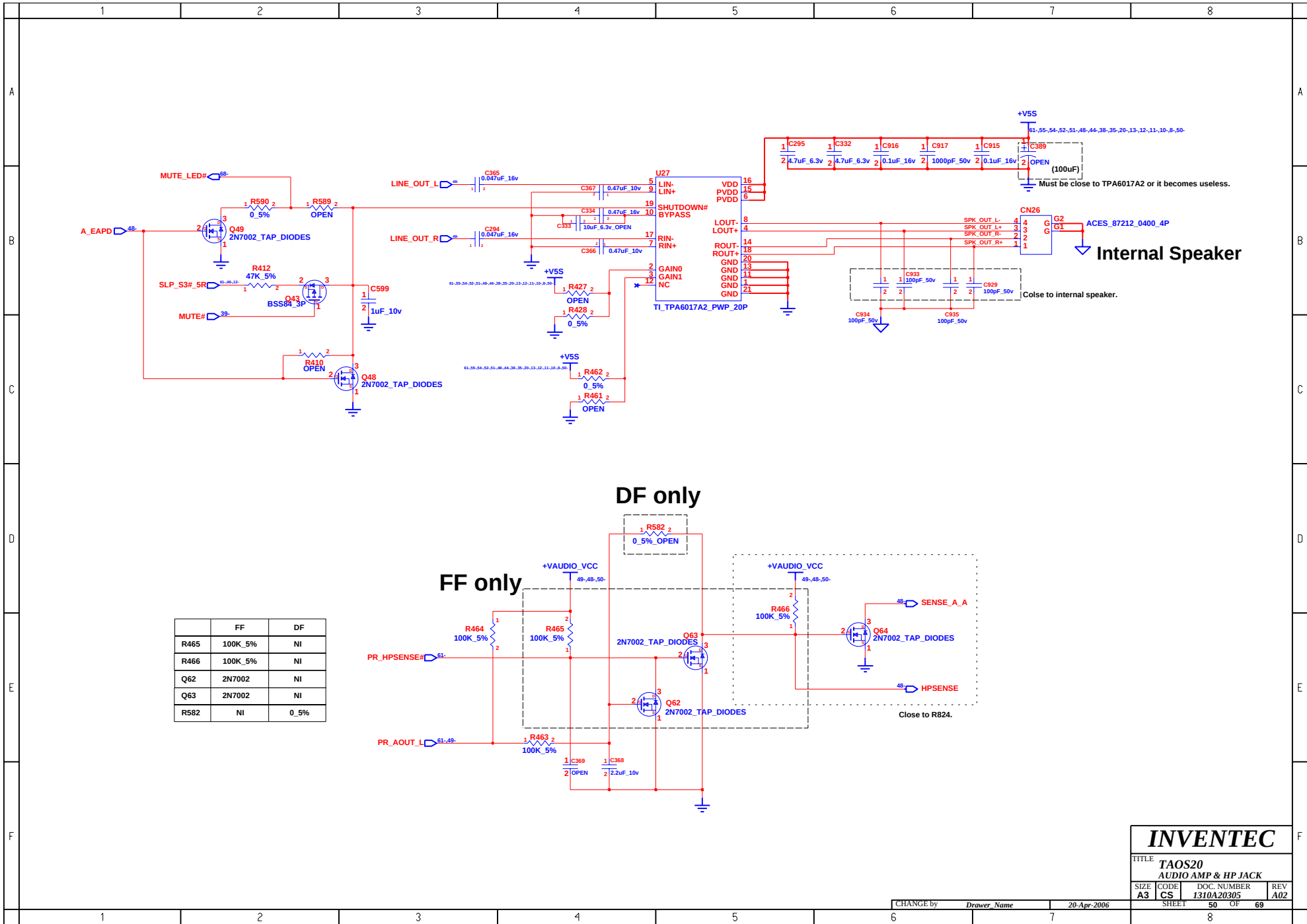
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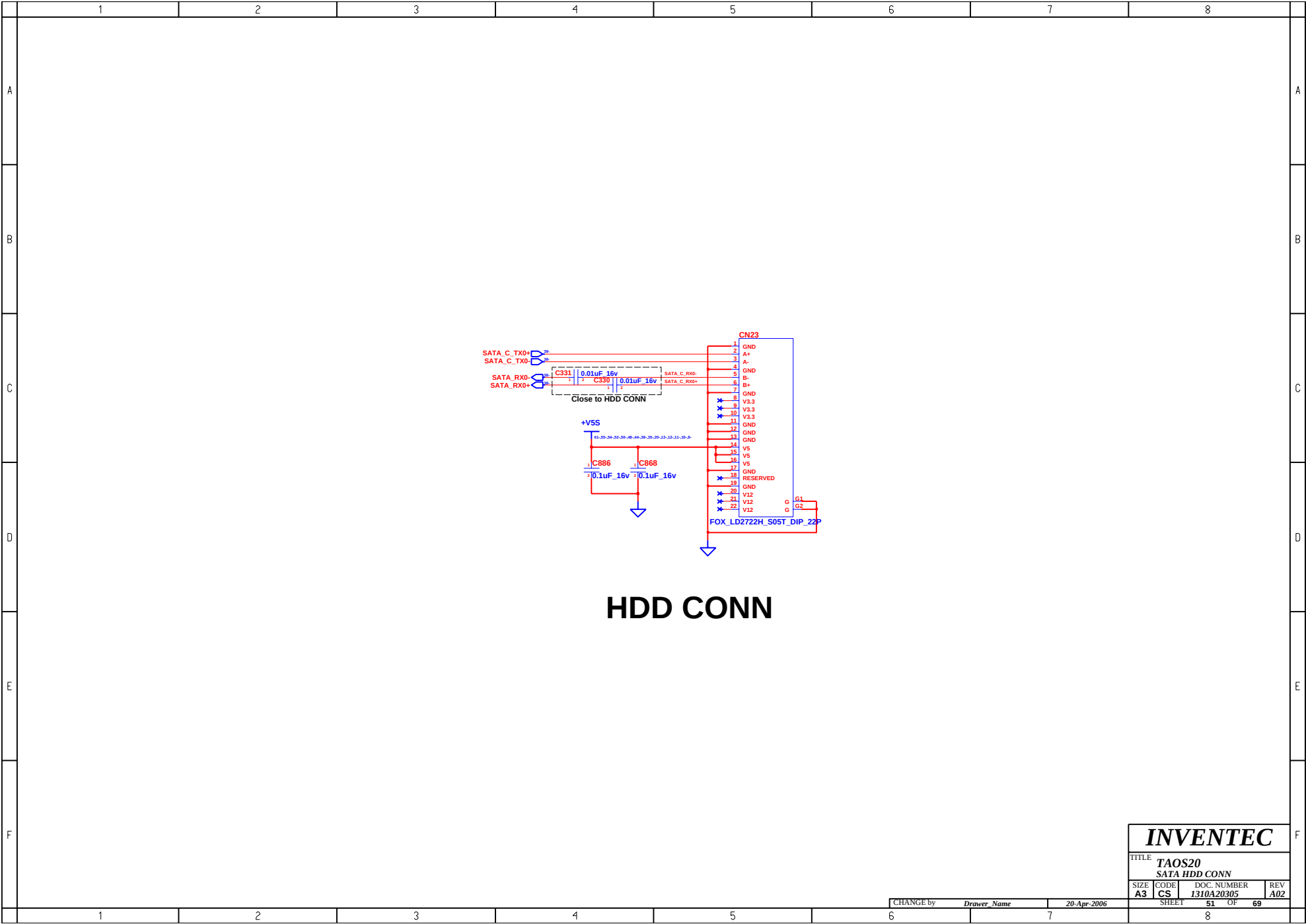
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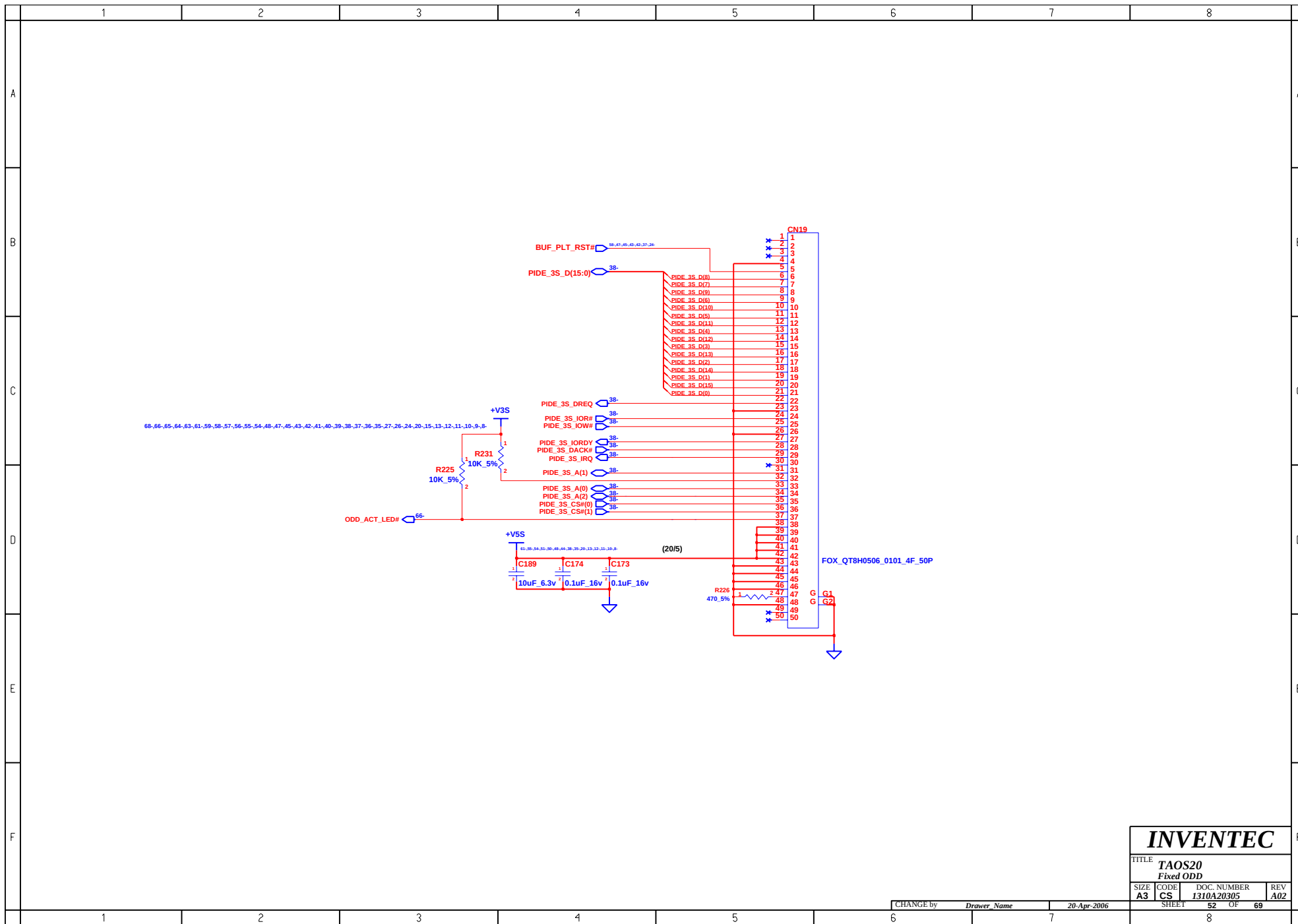
CHANGE by *Drawn Name* 20-Apr-2006

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INVENTEC

TITLE TAOS20 Fixed ODD			
SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02

CHANGE by *Drawn Name* 20-Apr-2006

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FF: TI_PCI7612
DF: TI_PCI4512

ACARDVCC
C313
0.1uF_16v

+V3S
C919, C920, C923, C924, C921, C922
0.1uF_16v

+V3S
C925, C373
0.1uF_16v

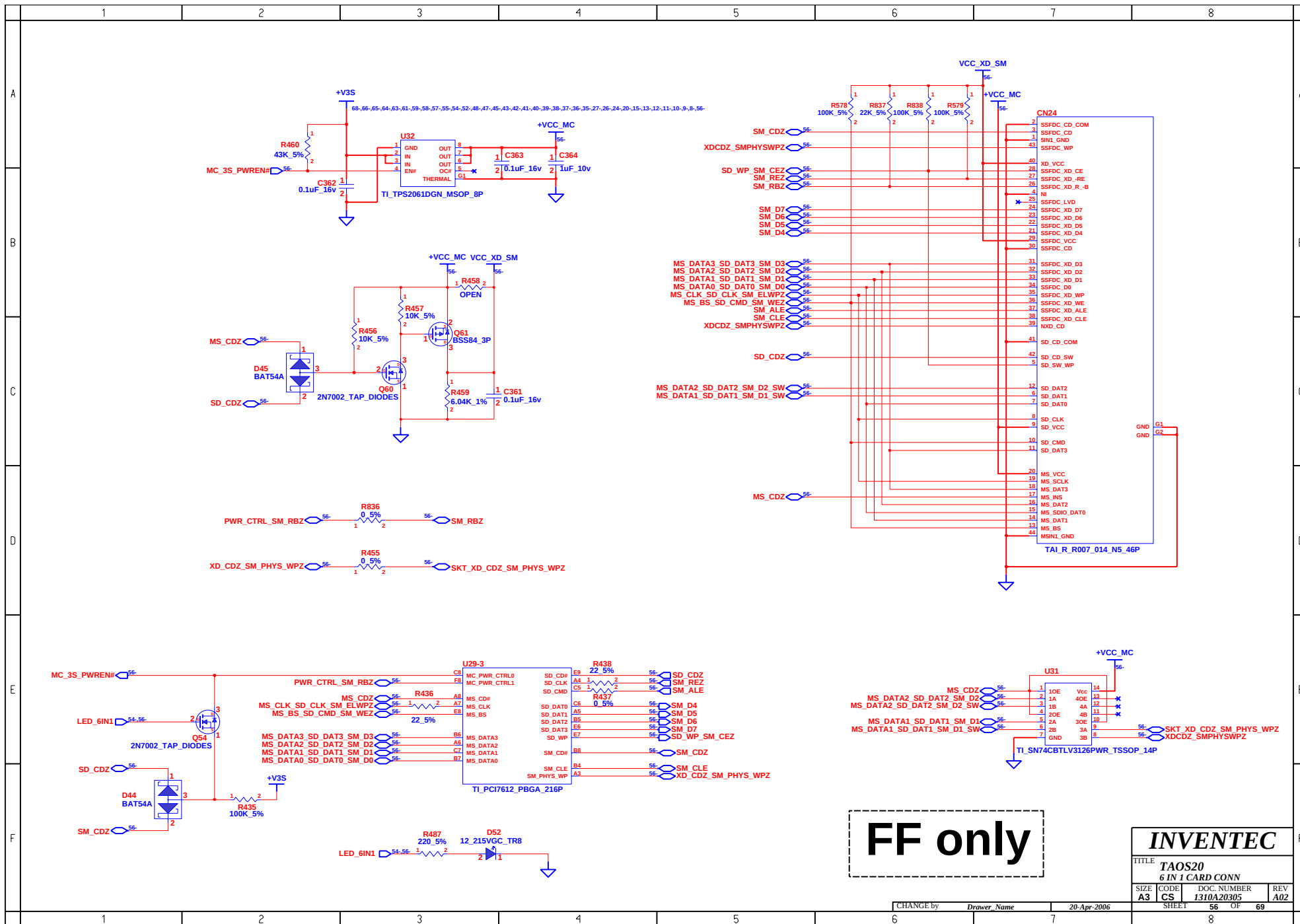
+VSS
C314, C372
0.1uF_16v

TI_PCI7612_PBGA_216P

TI_PCI7612_PBGA_216P

INVENTEC
TITLE: TAOS20 CARDBUS CONTROLLER
SIZE: A3 CODE: CS DOC. NUMBER: 1310A20305 REV: A02
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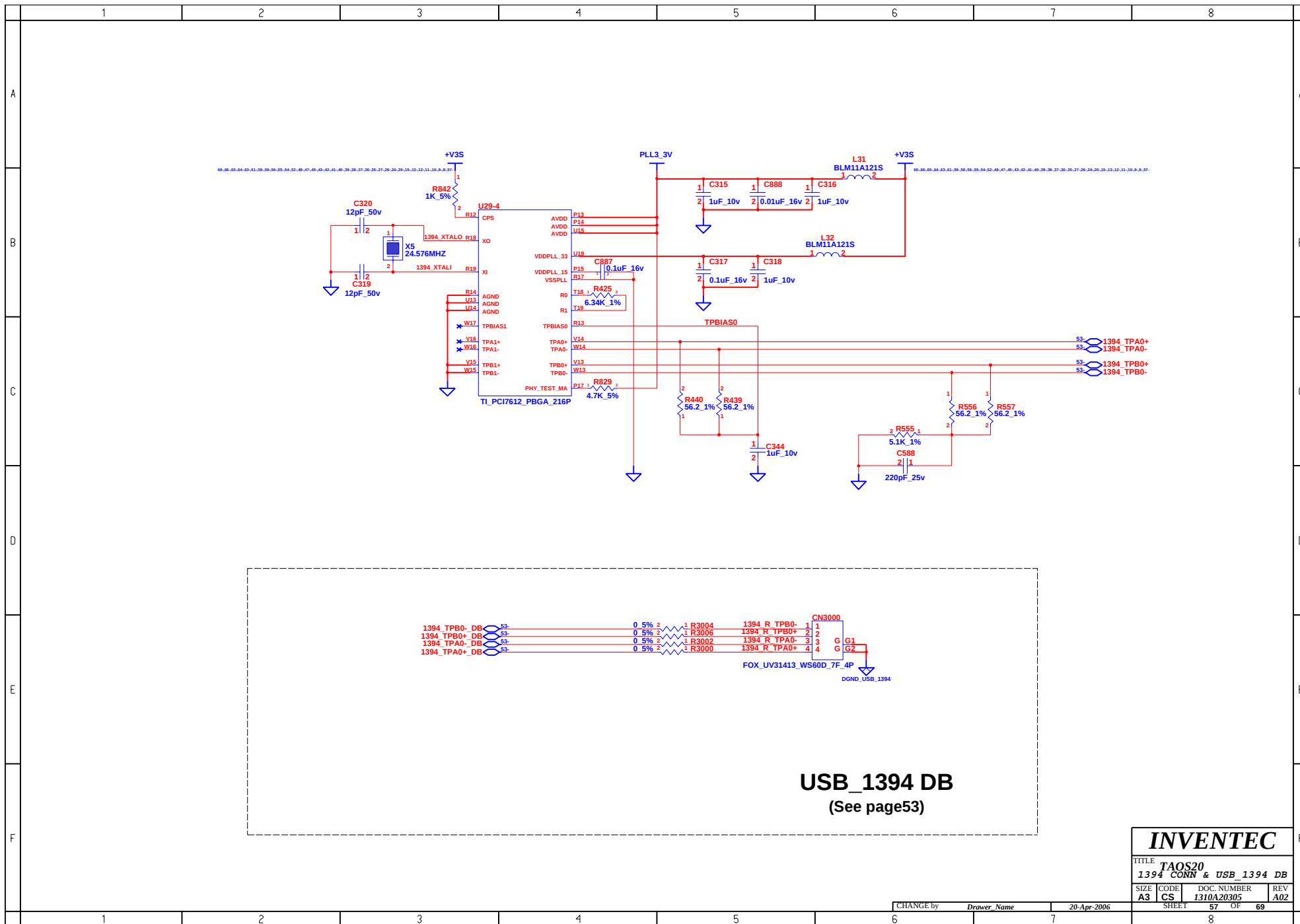
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SIZE	CODE	DOC. NUMBER	R
A3	CS	1310A20305	A



INVENTEC			
TITLE TAOS20 6 IN 1 CARD CONN			
SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02

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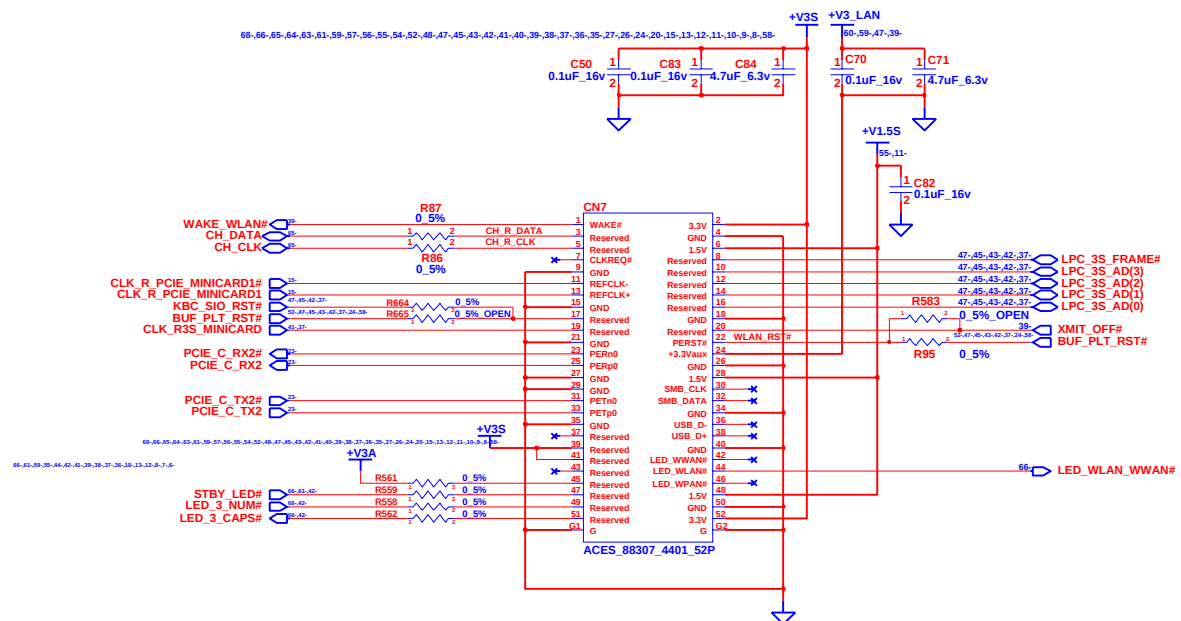
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TITLE
TAOS20
1394 CONN & USB_1394 DB

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A20305	A02

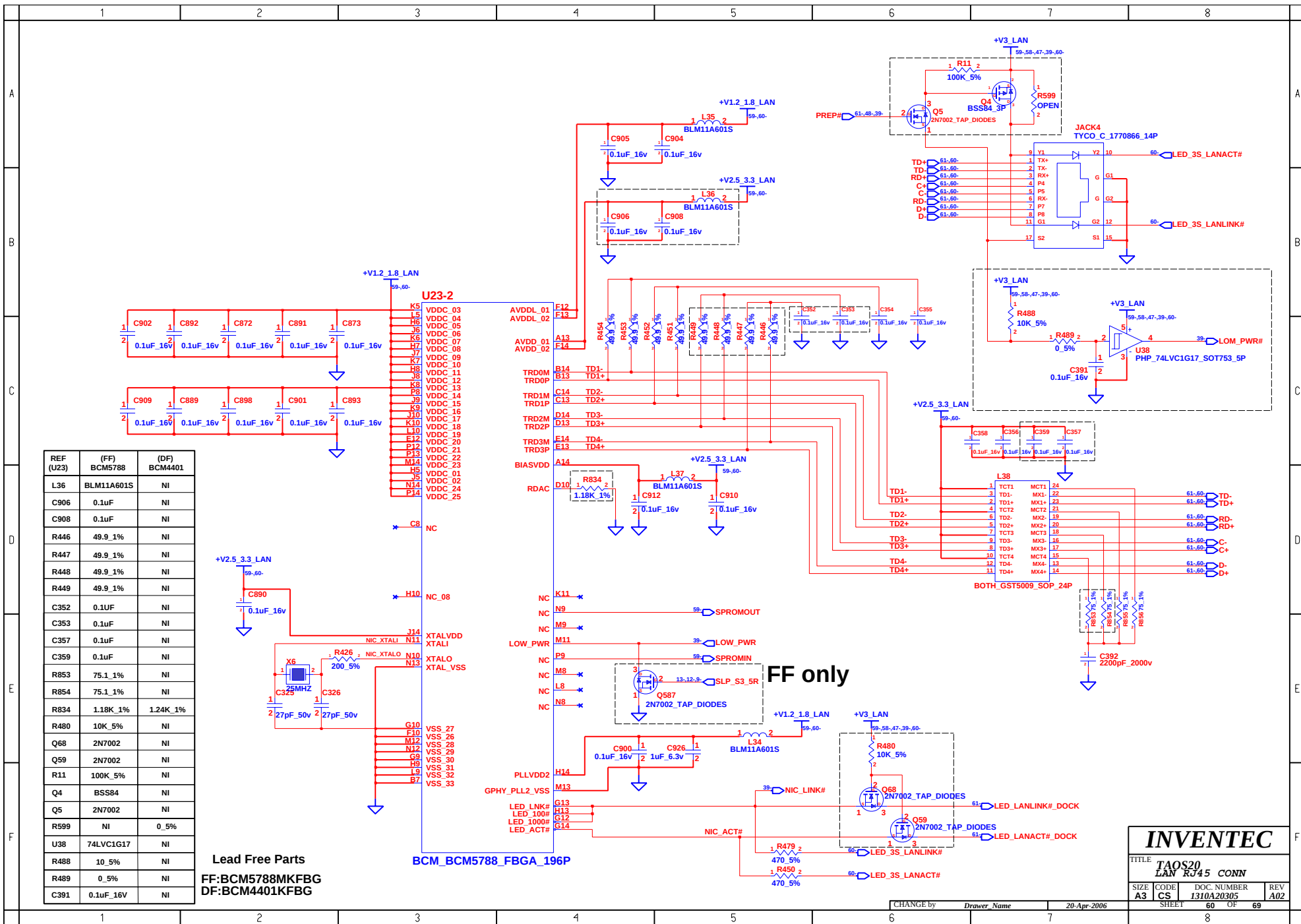
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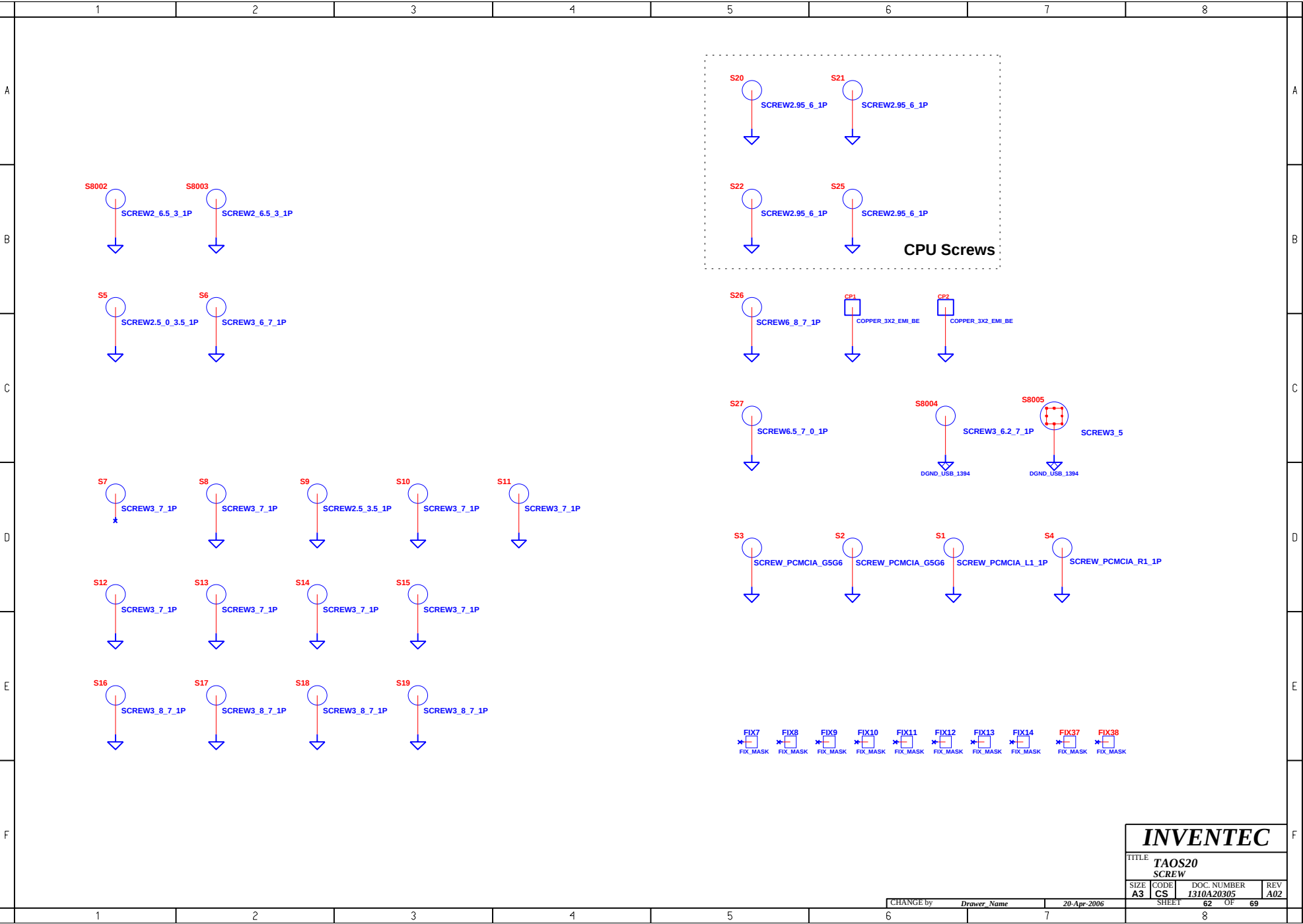
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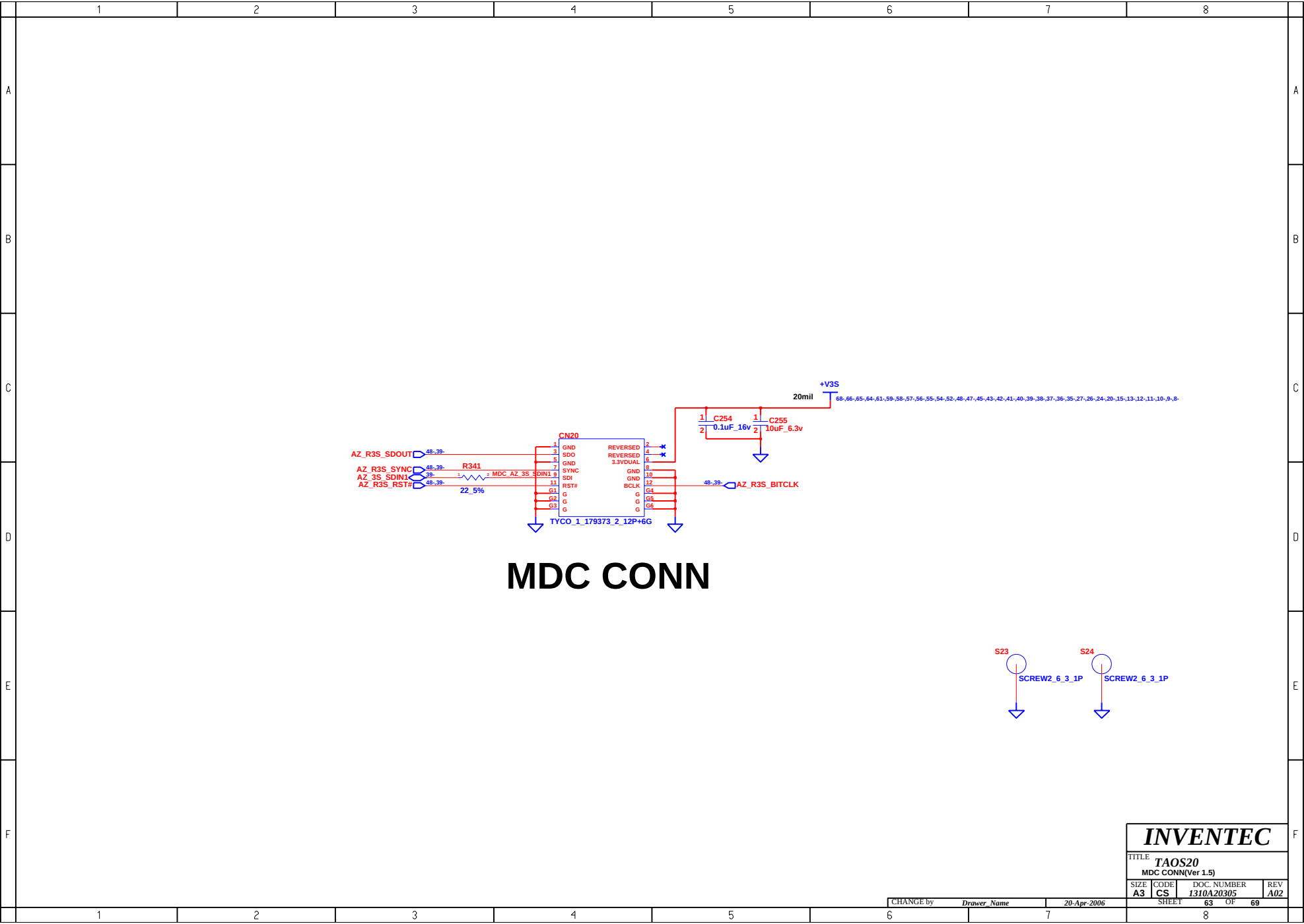


MINICARD CONN 1 (WLAN)

INVENTEC			
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SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02
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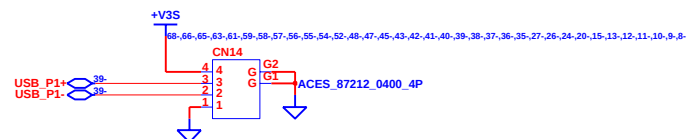






Finger Print DB

FF only



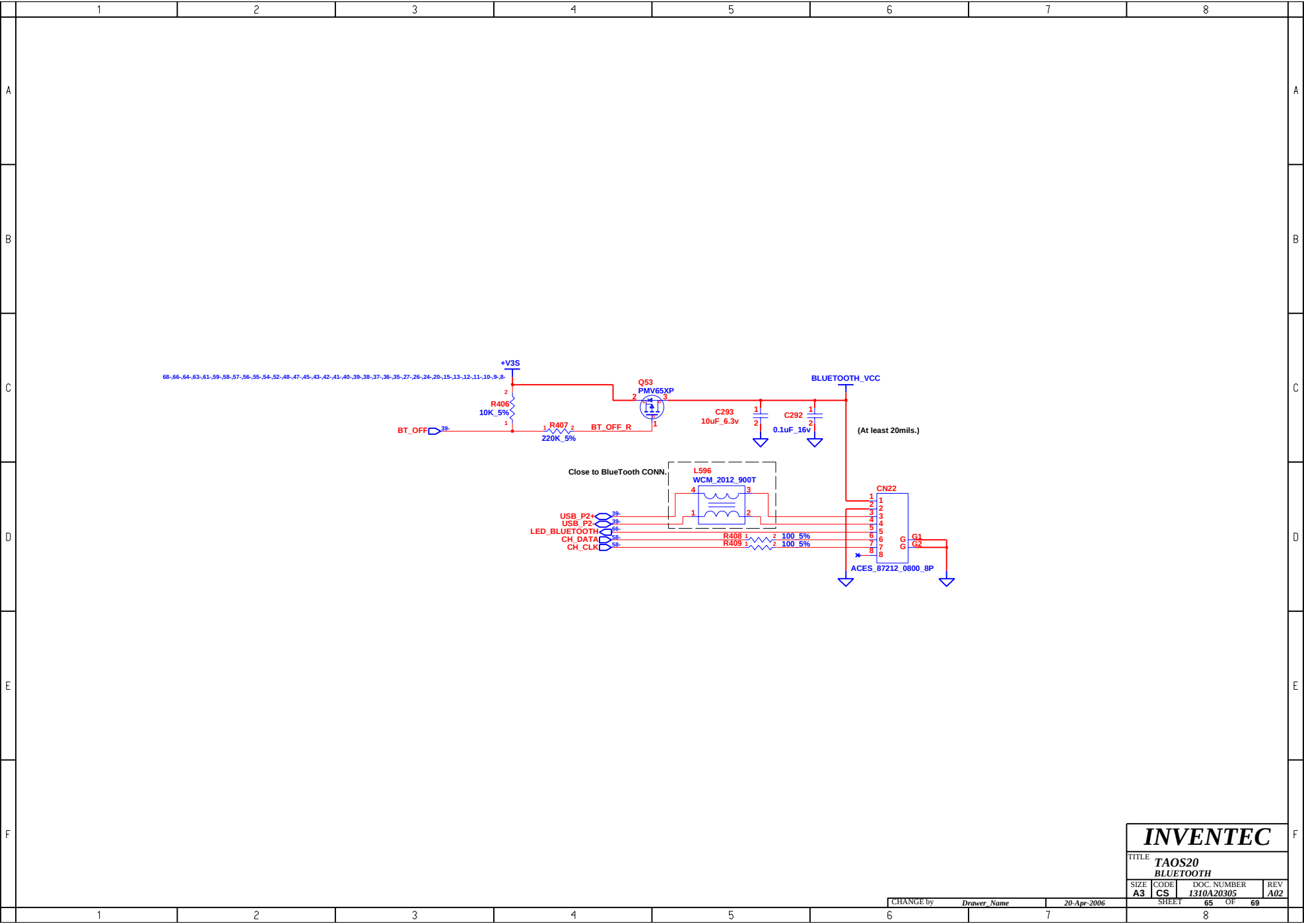
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TITLE
TAOS20
Fingerprint

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A20522	A01

CHANGE by *Drawn Name* 20-Apr-2006

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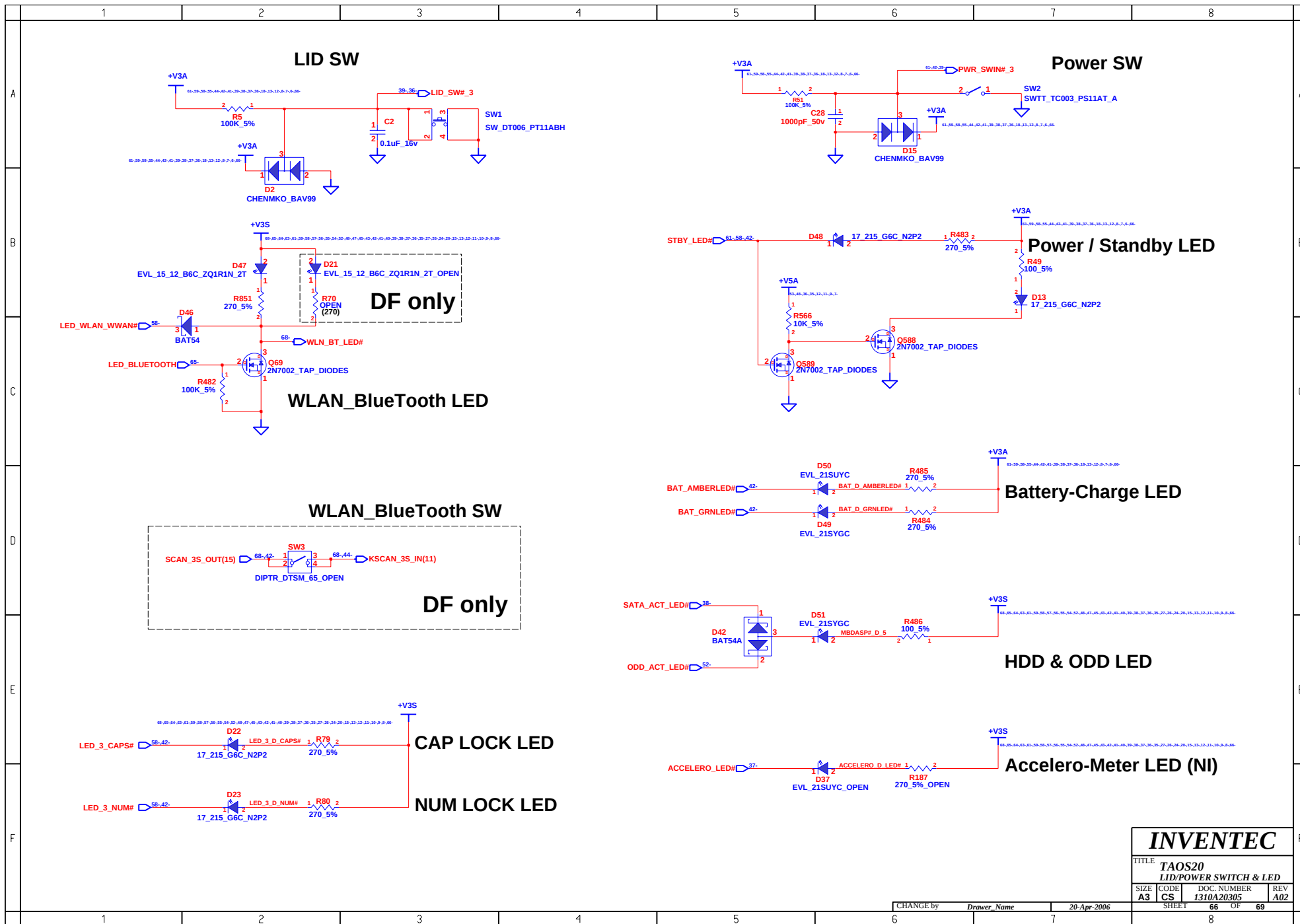
INVENTEC

TITLE
**TAOS20
BLUETOOTH**

SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02
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SHEET 65 OF 69

CHANGE by *Drawn Name* 20-Apr-2006



INVENTEC

TITLE TAOS20 LID/POWER SWITCH & LED			
SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02

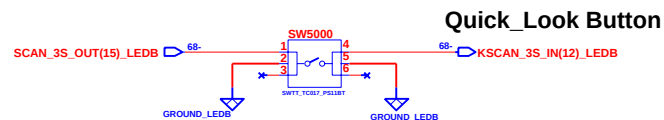
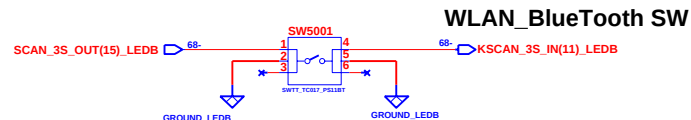
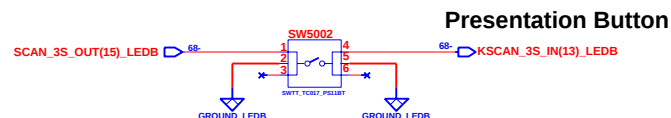
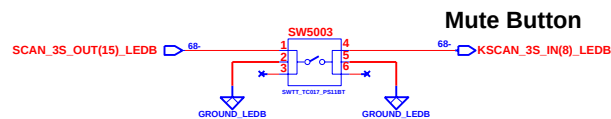
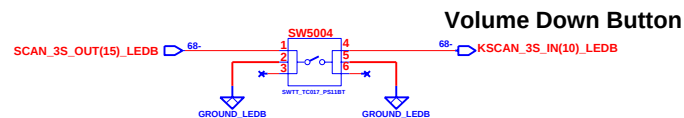
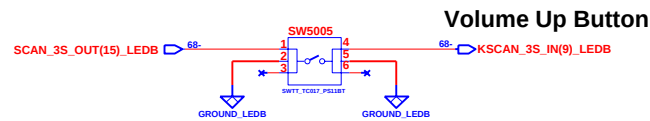
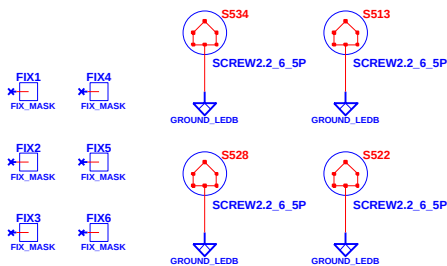
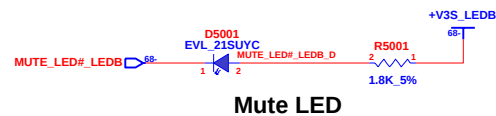
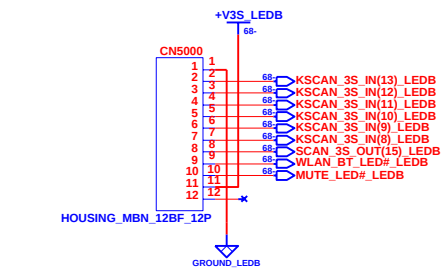
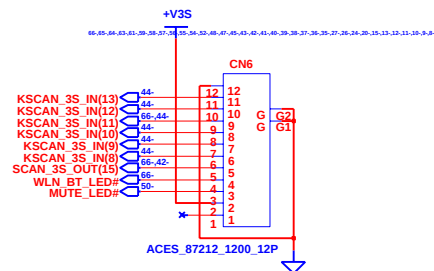
CHANGE by *Drawn Name* 20-Apr-2006

SHEET 66 OF 69

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

INVENTEC			
TITLE TAOS20 BLANK			
SIZE A3	CODE CS	DOC. NUMBER 1310A20305	REV A02
CHANGE by Drafter Name		20-Apr-2006	
SHEET		67	OF 69

FF only



Switch Button DB

INVENTEC

TITLE TAOS20 LED/SWITCH BOARD			
SIZE A3	CODE CS	DOC. NUMBER I310A20305	REV A02

CHANGE by *Draver Name* 3-May-2006

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