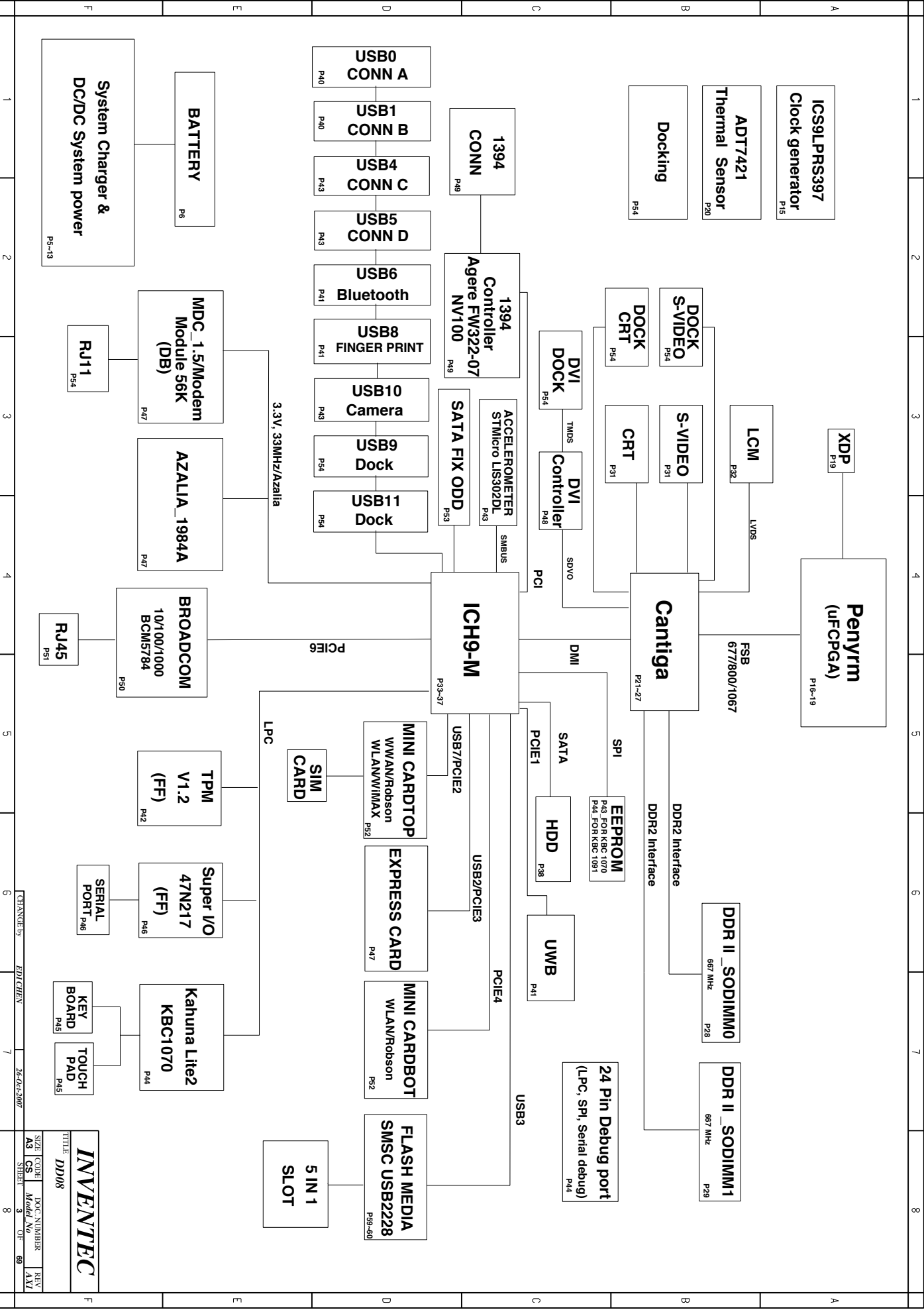
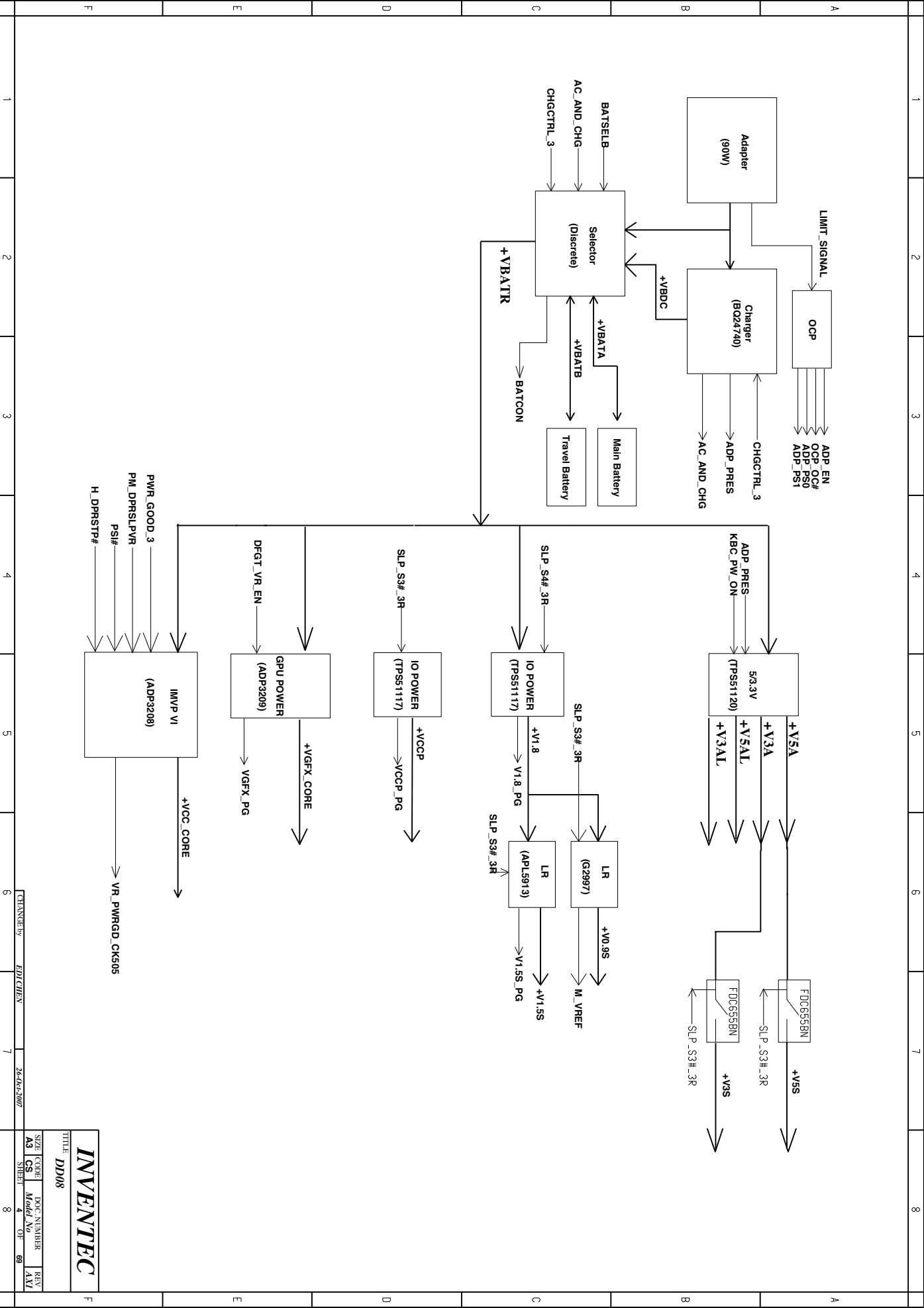


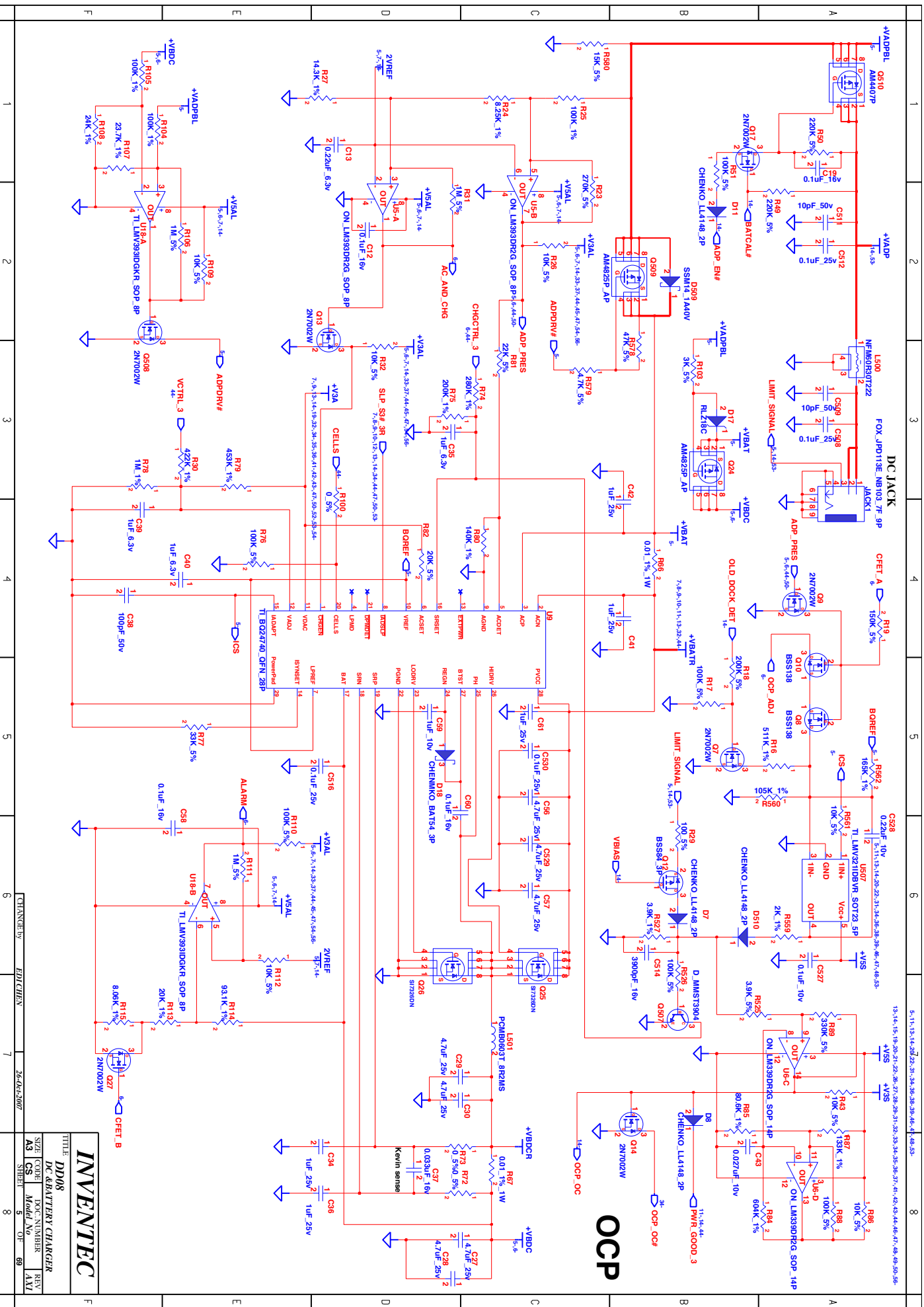
2007.11.02

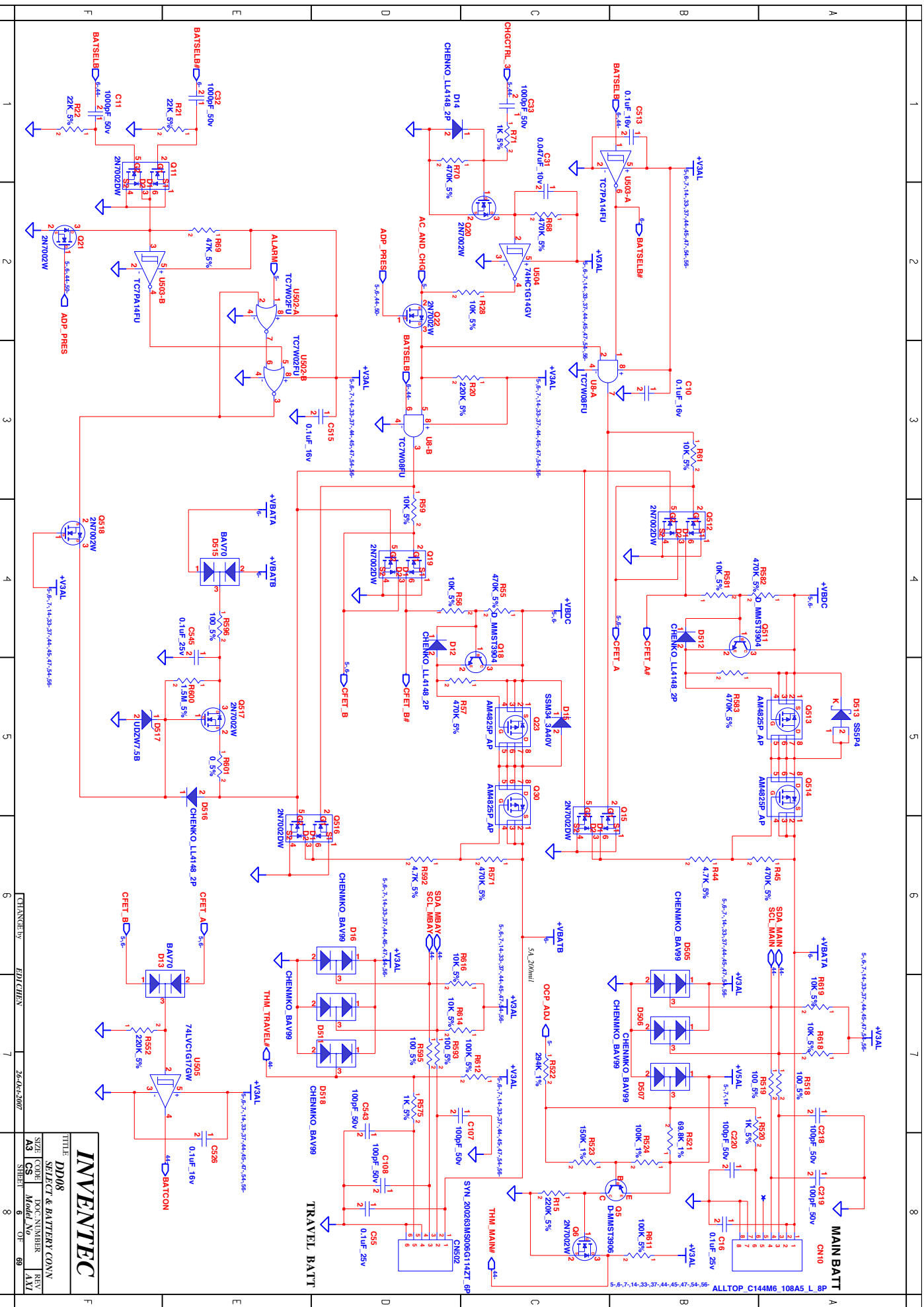
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DESIGN									
CHECK									
RESPONSIBLE									
SIZE =	1		YR.						
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SHEET	1	OF	69	REV	A11				
CS			DOC NUMBER						
A3			Model No.						

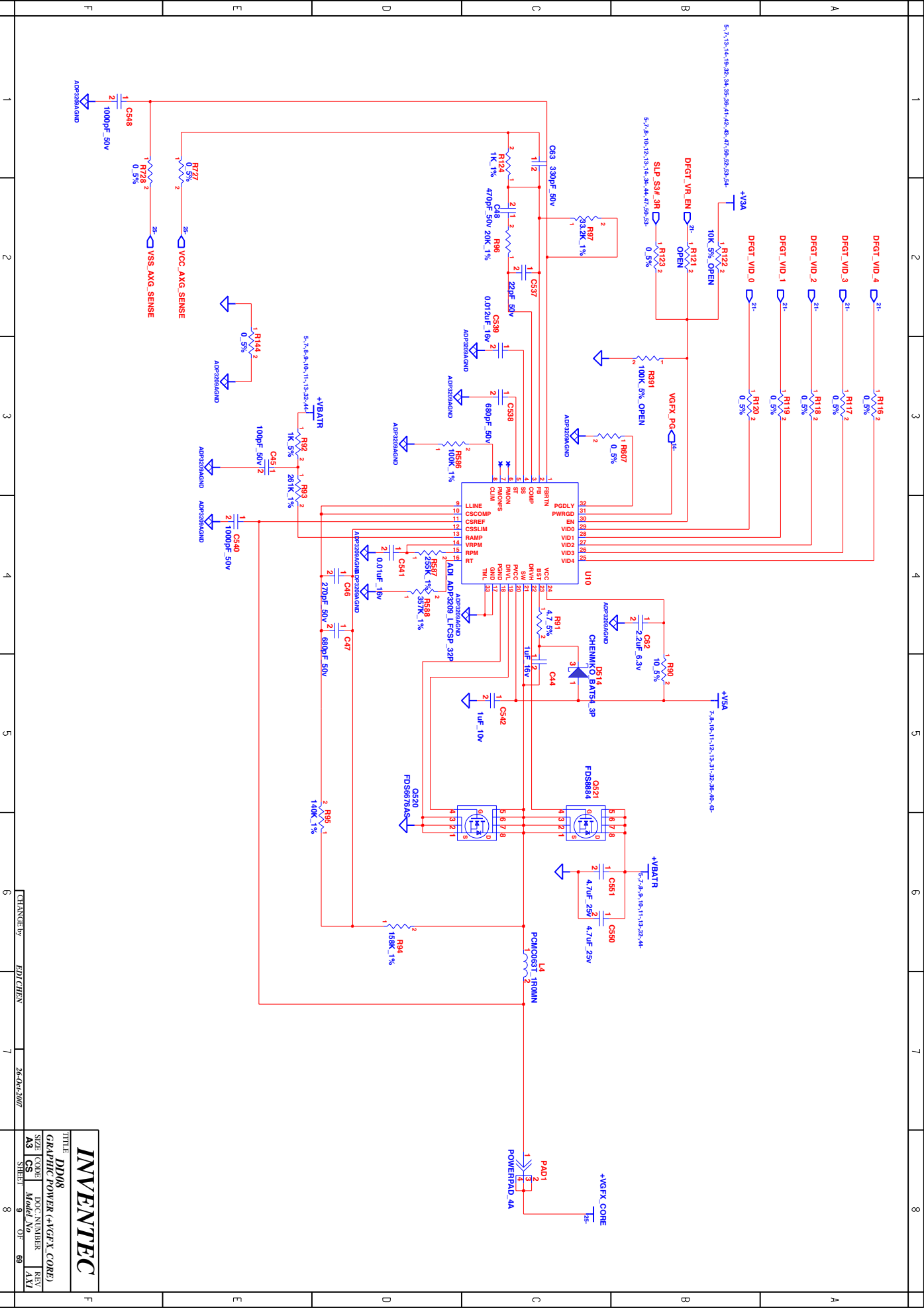
	1	2	3	4	5	6	7	8	
A	TABLE OF CONTENTS								
B	PAGE 5- DC& BATTERY CHARGER 6- SELECT & BATTERY CONN 7- SYSTEM POWER(3V/5V) 8- SYSTEM POWER(+V1.8/+V1.25S) 9- GRAPHIC POWER(+V GFX_CORE) 10- SYSTEM POWER(+VCCP/+V1.5S) 11- CPU POWER(VCC_CORE) 12- DDR TERMINATION VOLTAGE 13- POWER(SLEEP) 14- POWER(SEQUENCE) 15- CLOCK_GENERATOR 16- PENRYN-1 17- PENRYN-2 18- PENRYN-3 19- PENRYN-4 20- THERMAL&FAN CONTROLLER 21- CANTIGA-1 22- CANTIGA-2 23- CANTIGA-3-HOST 24- CANTIGA-4-DDR2 25- CANTIGA-5-POWER 26- CANTIGA-6-POWER 27- CANTIGA-7-POWER								
C	PAGE 28- DDR2-DIMM0 29- DDR2-DIMM1 30- DDR2-DAMPING 31- CRT& SVIDEO CONN 32- LCD CONN 33- ICH9-1 34- ICH9-2 35- ICH9-3 36- ICH9-4 37- ICH9-5 38- HDD CONN 39- ODD CONN 40- USB CONN/USB(DB) 41- FINGER PRINT&Bluetooth 42- TPM V1.2 43- FW/SP/HDD PROTECTION Webcam & 5 IN 1connector 44- KBC 45- INT.KBC/POINT DEVICES 46- SUPER I/O 47-AUDIO CONN AND EXPRESS CARD CONN 48- DVI CONTROLLER 49- 1394 50- LAN INTERFACE-1 51- LAN RJ45 CONN								
B	PAGE 52- MINI CARD(WWAN/WLAN)& SIM CARD 53- DOCKING CONN 54- LED/SWITCH CONN 55- SCREW 56- SWITCH DOUGHTER BOARD 57- Finger Print board 58- 7 IN 1 CONTROLLER(TT) 59- 7 IN 1 CONNECTOR(TT) 60- 7 IN 1 CONTROLLER(TS) 61- 7 IN 1 CONNECTOR(TS) 62- AUDIO CNTR 63- AZALIA CODEC 64- EARPHONE & MIC JACK 65- AUDIO AMP &INT. SPEAKER CNTR 66- MDC CNTE 67- NEW CARD CNTR 68- NEW CARD								
E									
D									
F	INVENTEC DP08 SIZE CODE DOC:NUMBER REV A3 CS Model No. AXI SHEET 2 OF 69								
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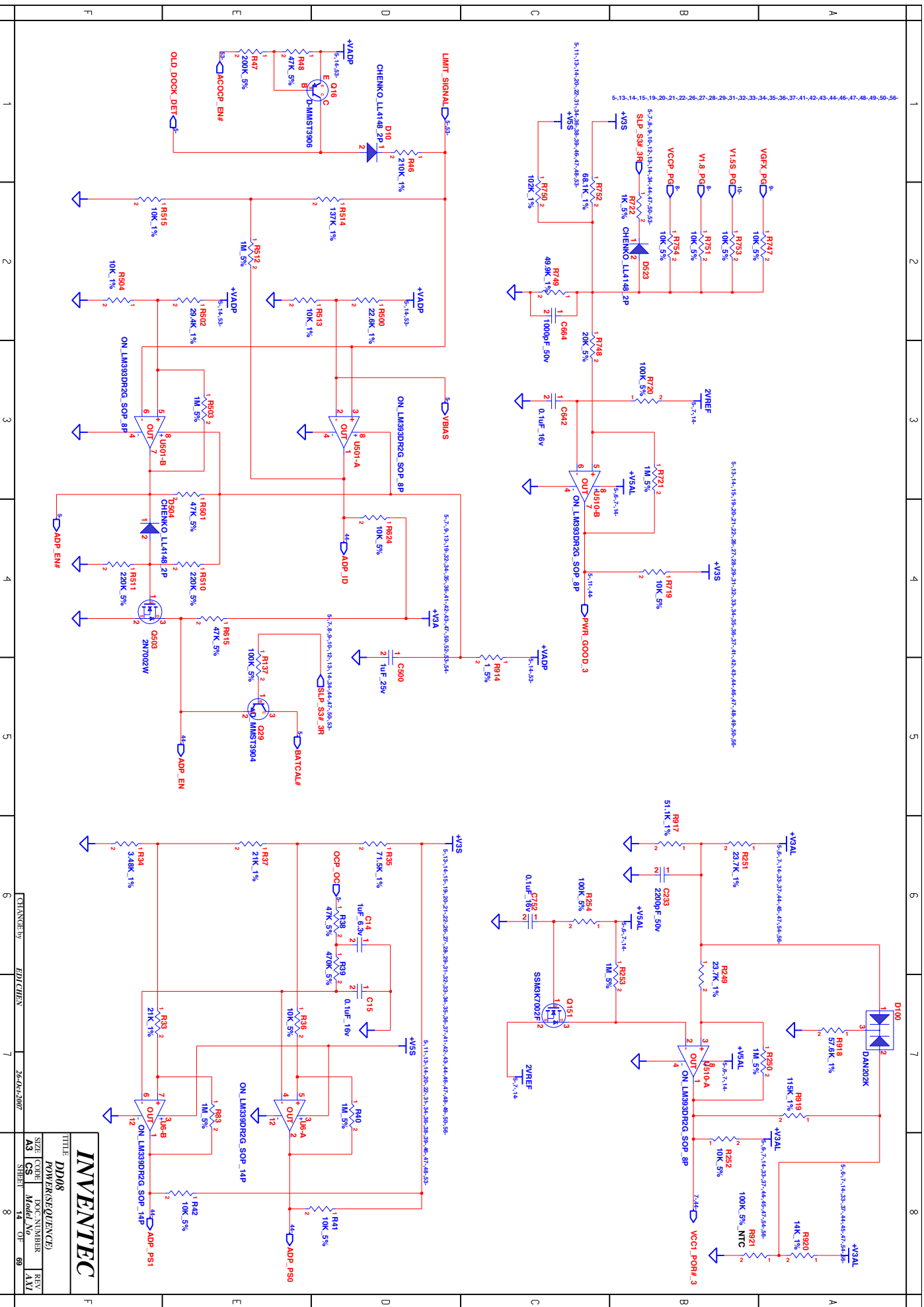


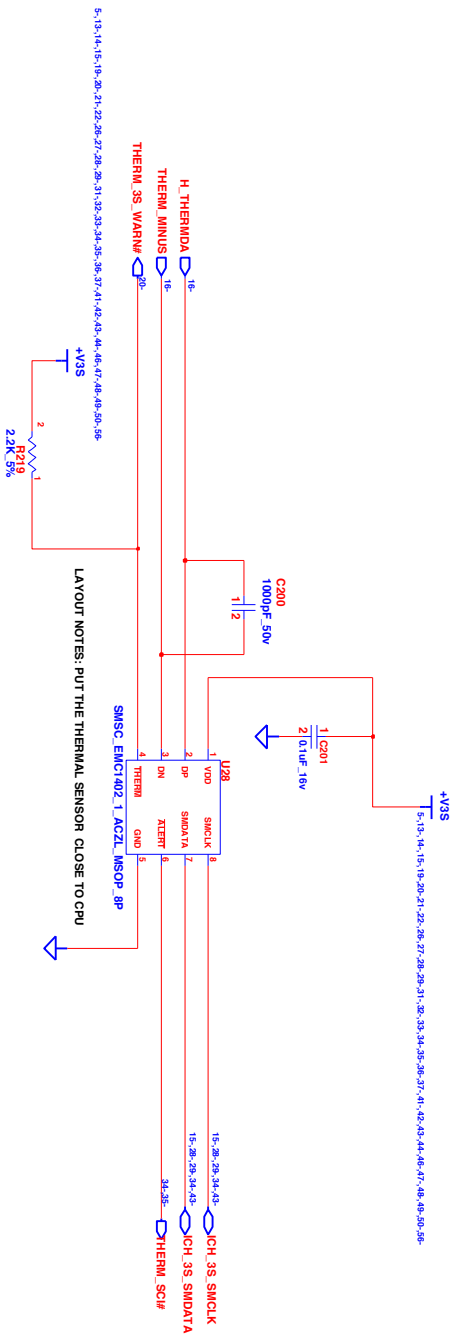
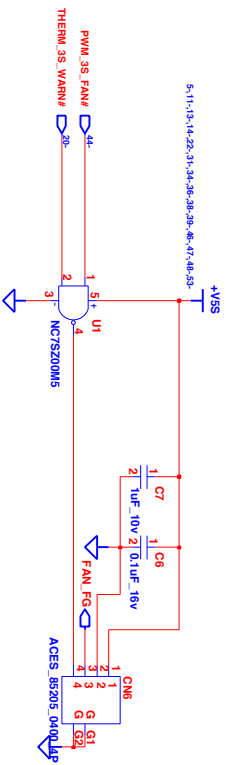












LAYOUT NOTES: PUT THE THERMAL SENSOR CLOSE TO CPU

INVENTEC

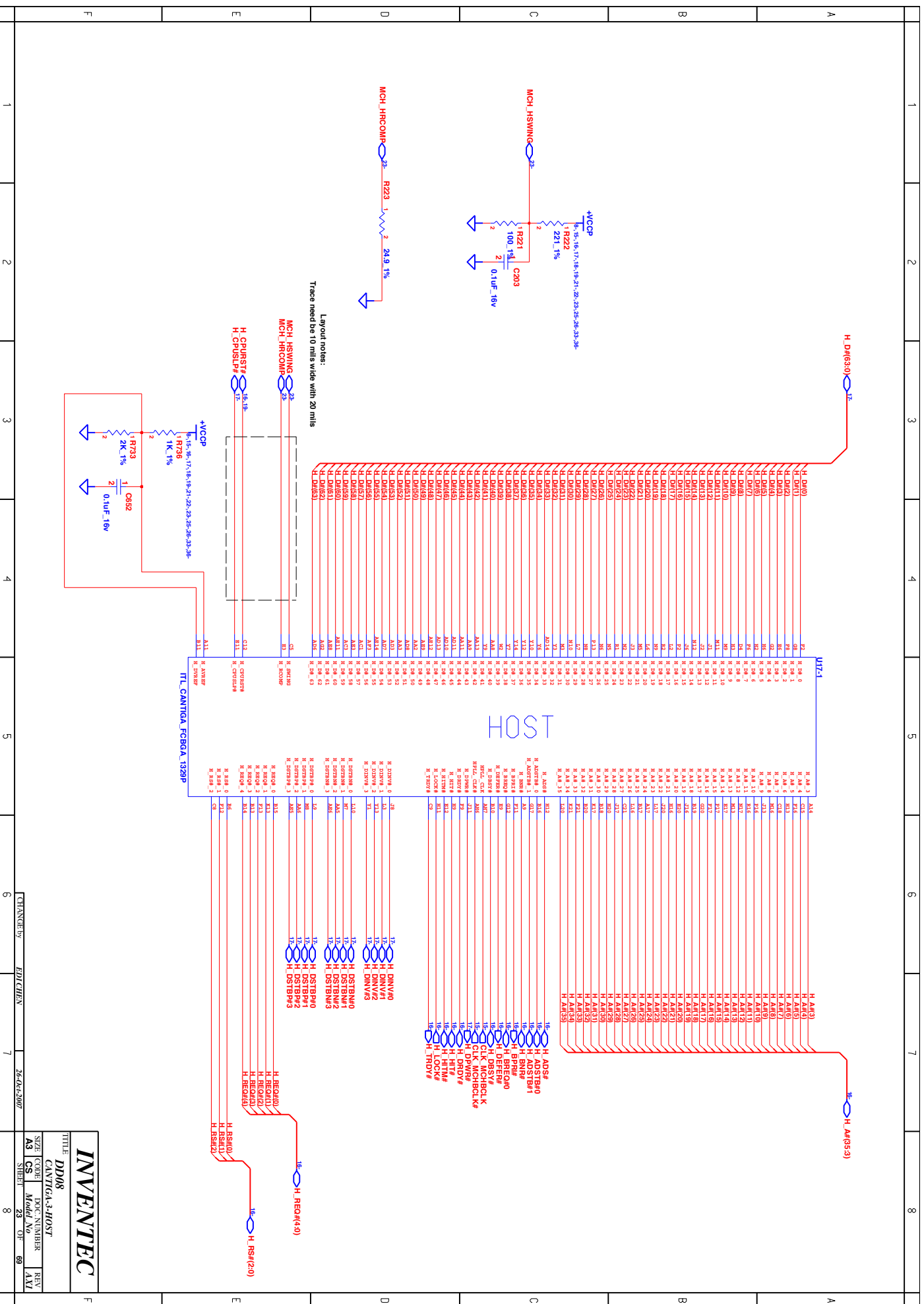
DD08

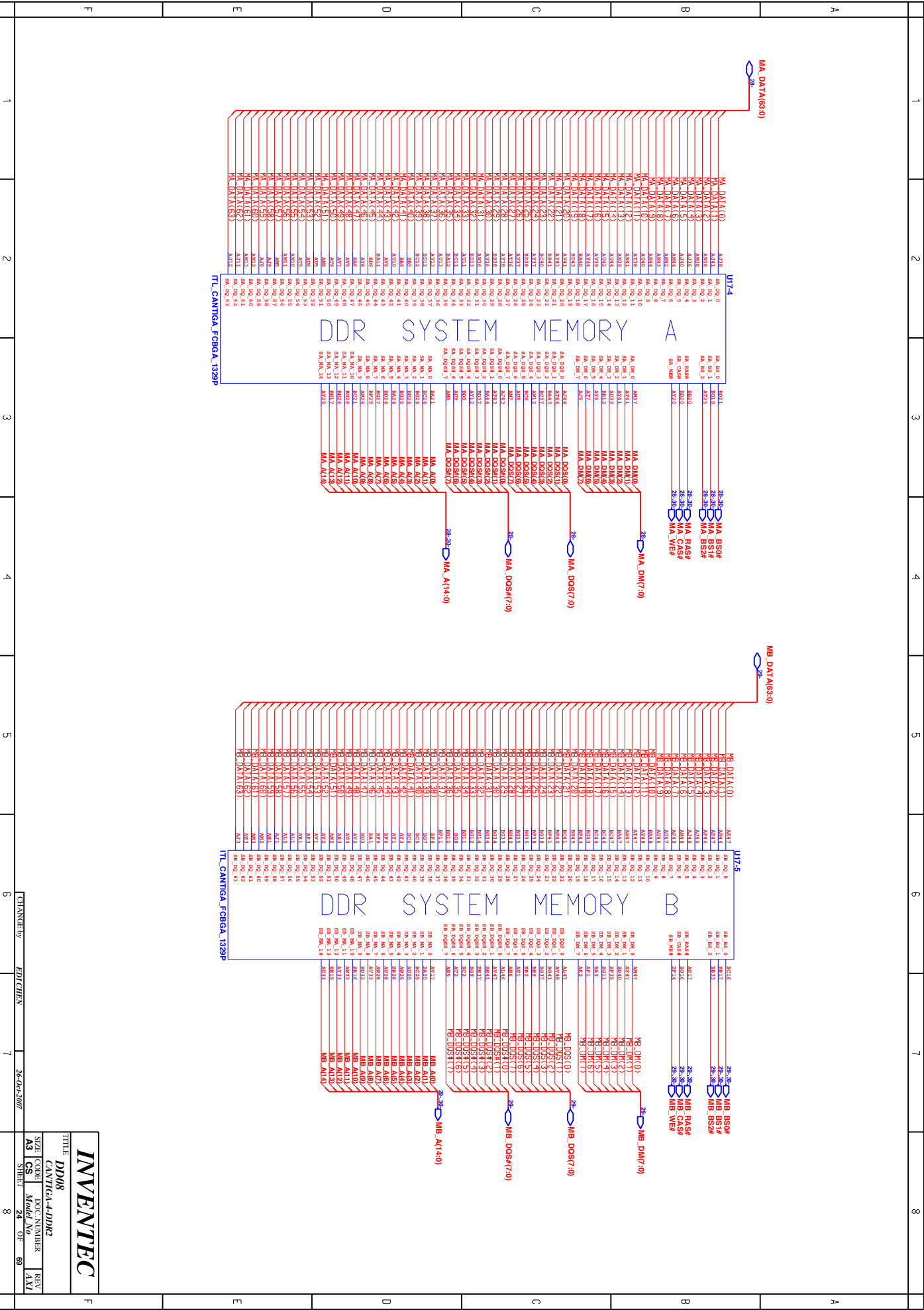
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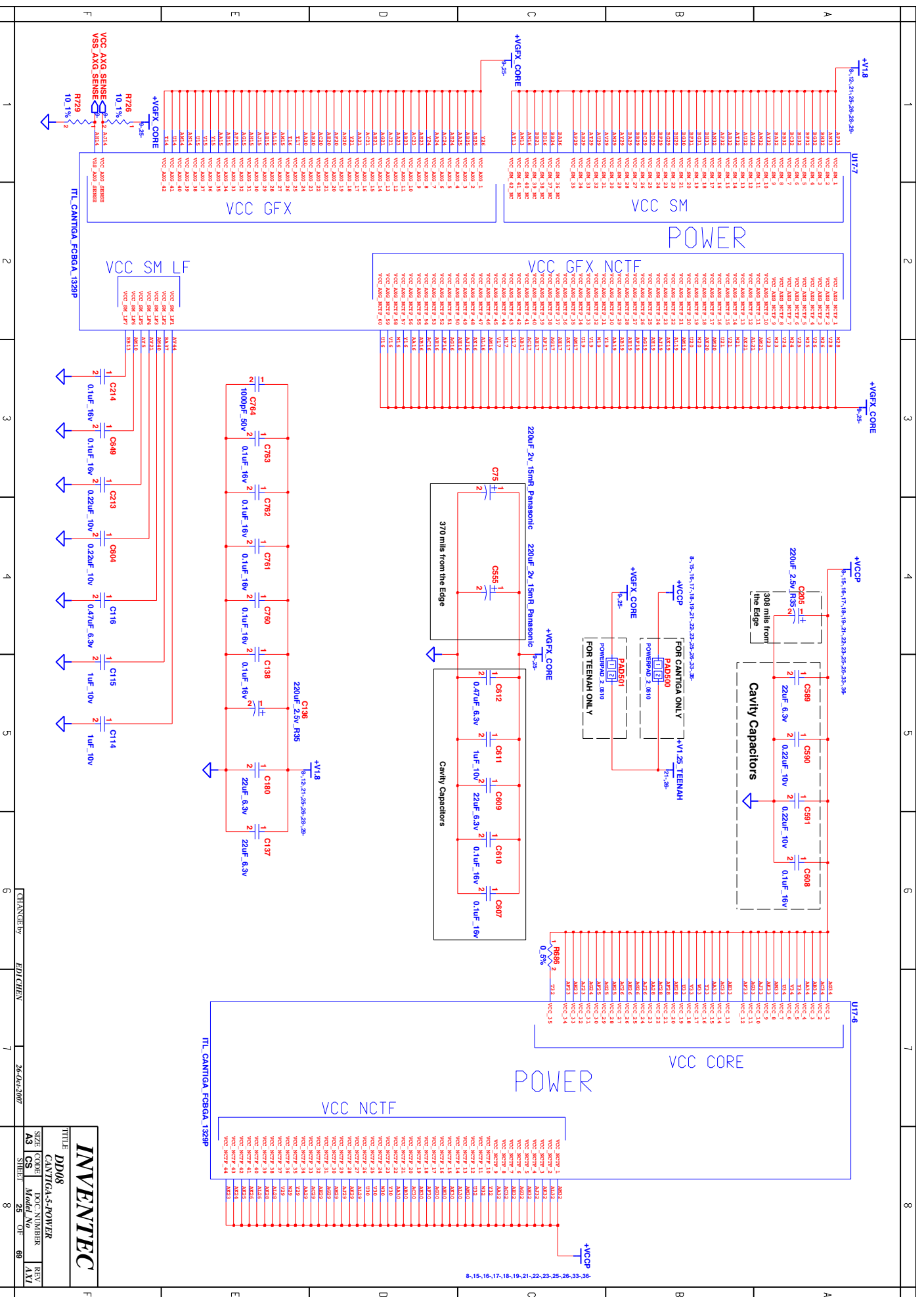
SIZE CODE DOC NUMBER REV

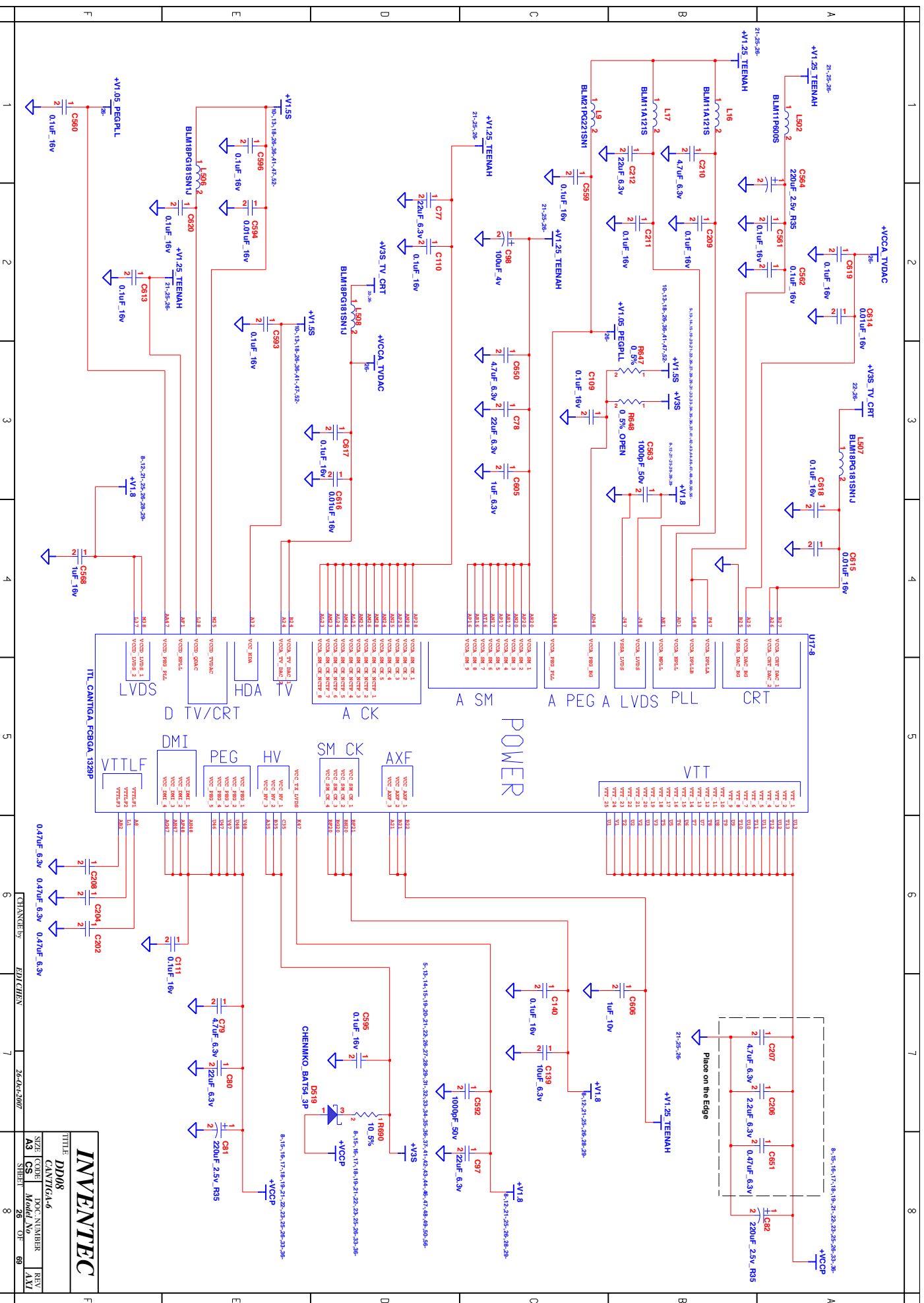
A3 CS Model No. 20 01 69

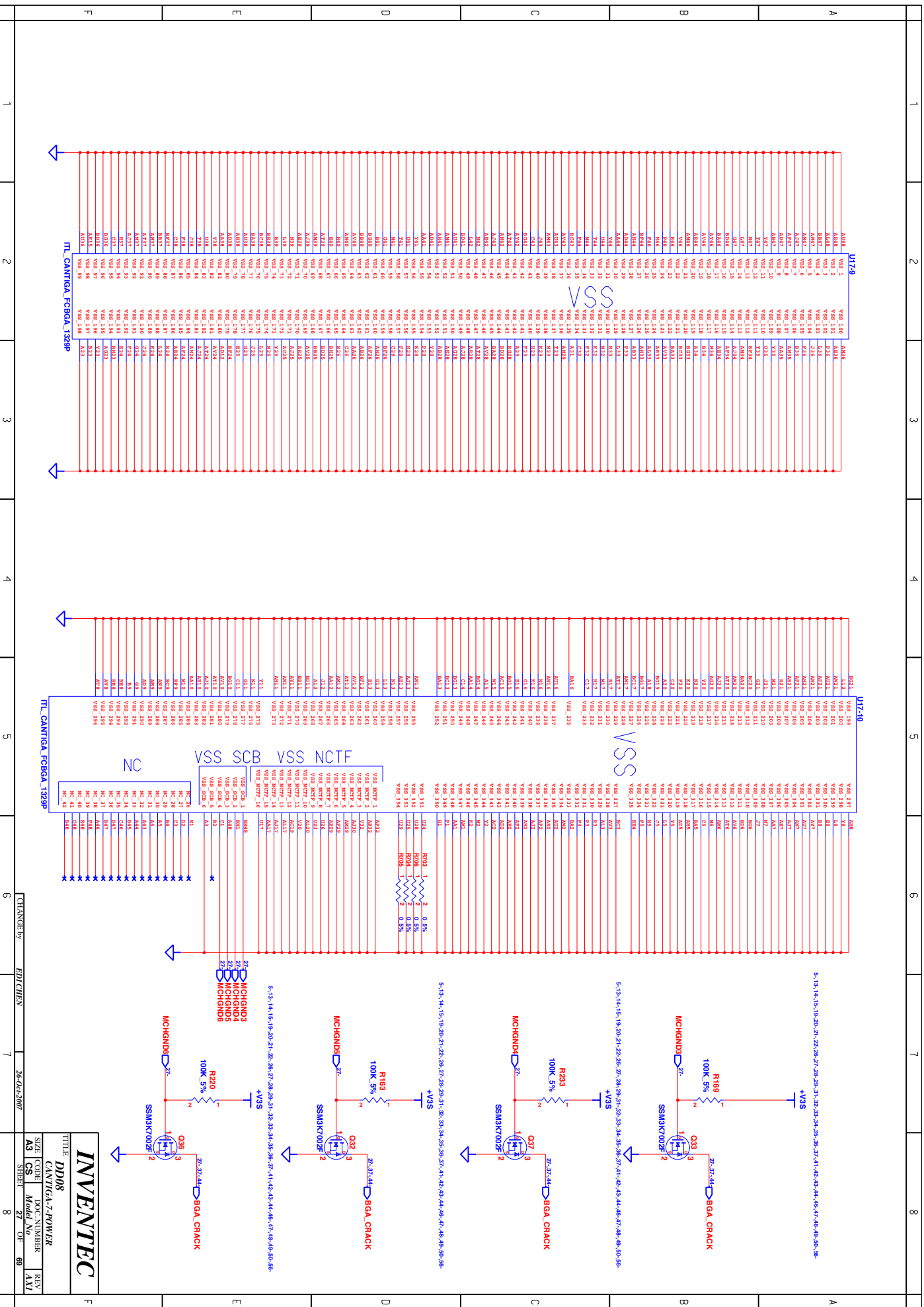
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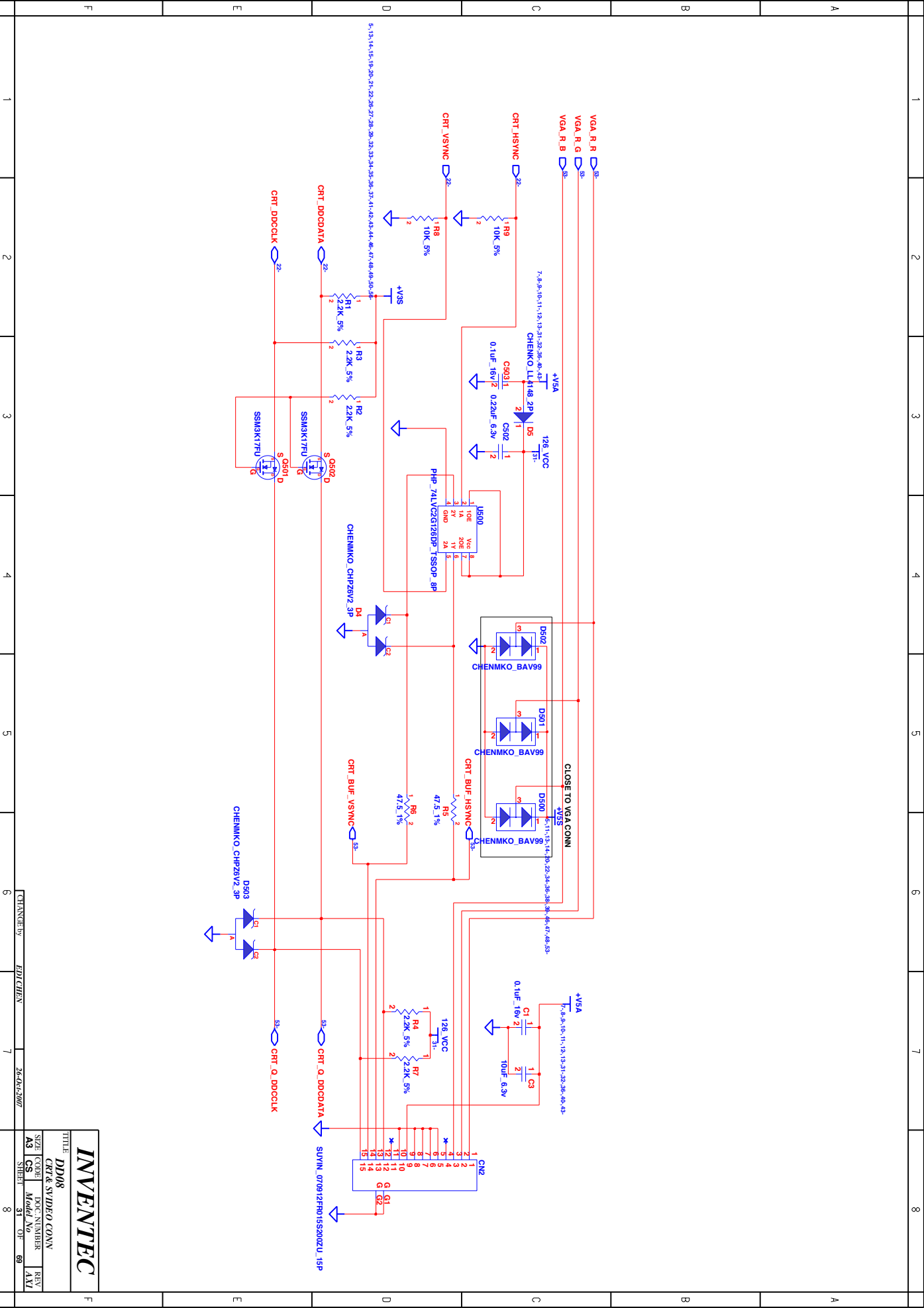














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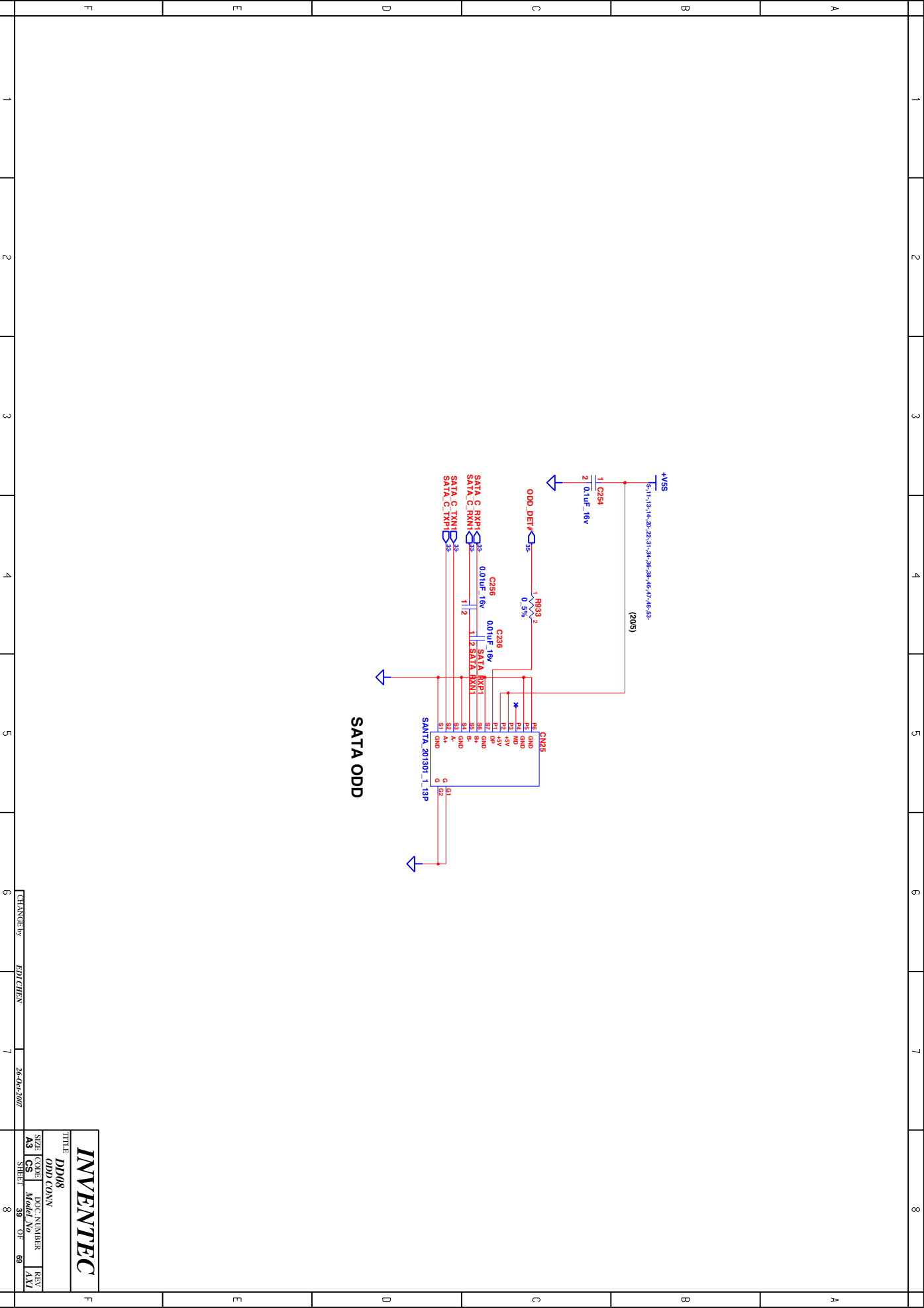
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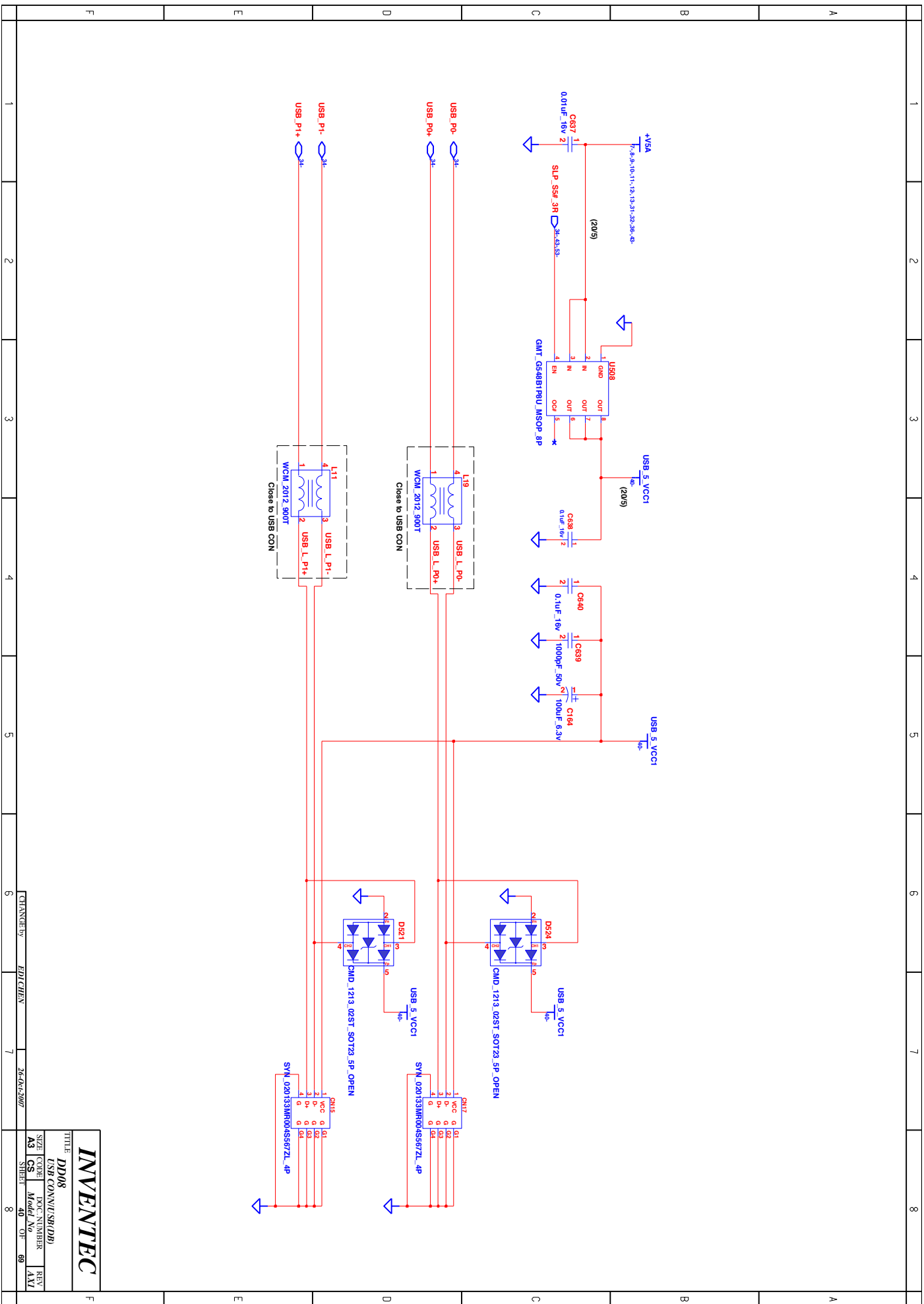
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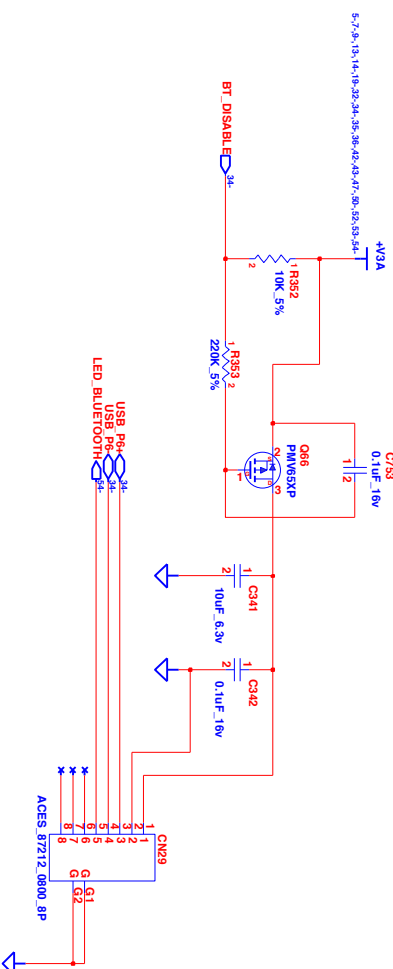
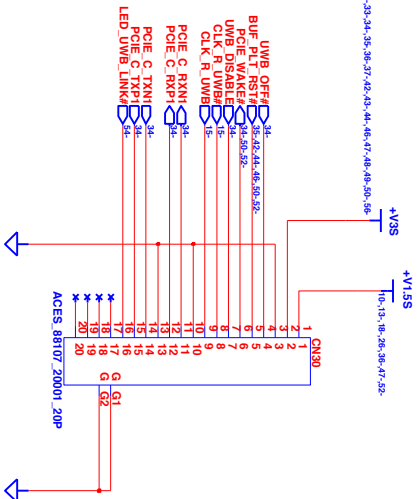
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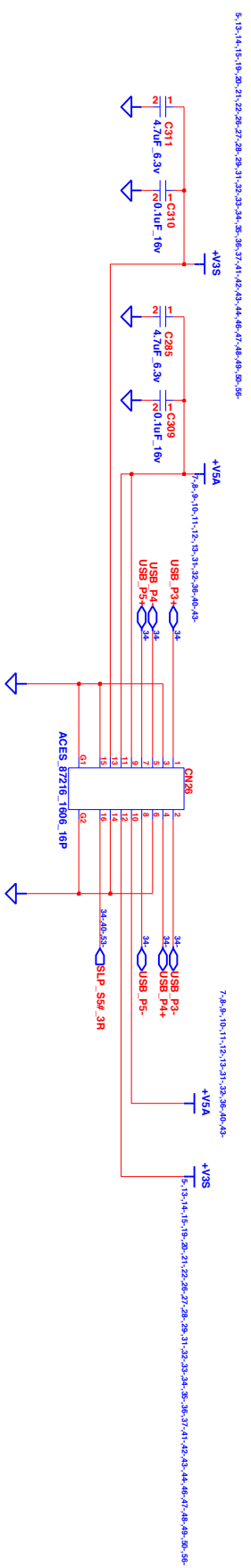
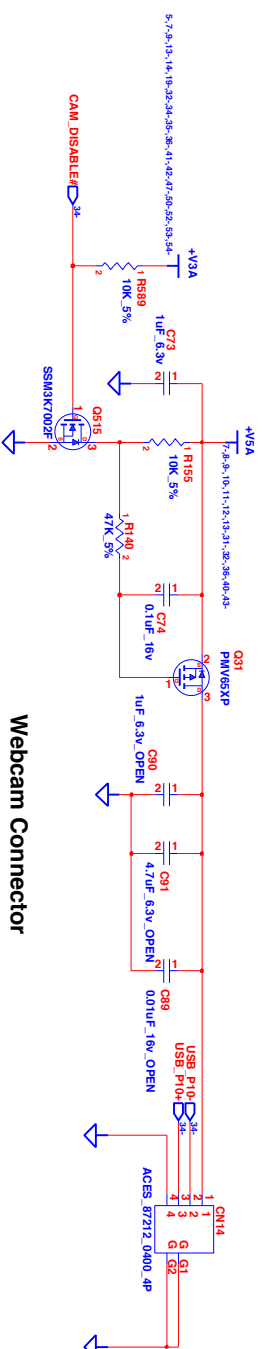
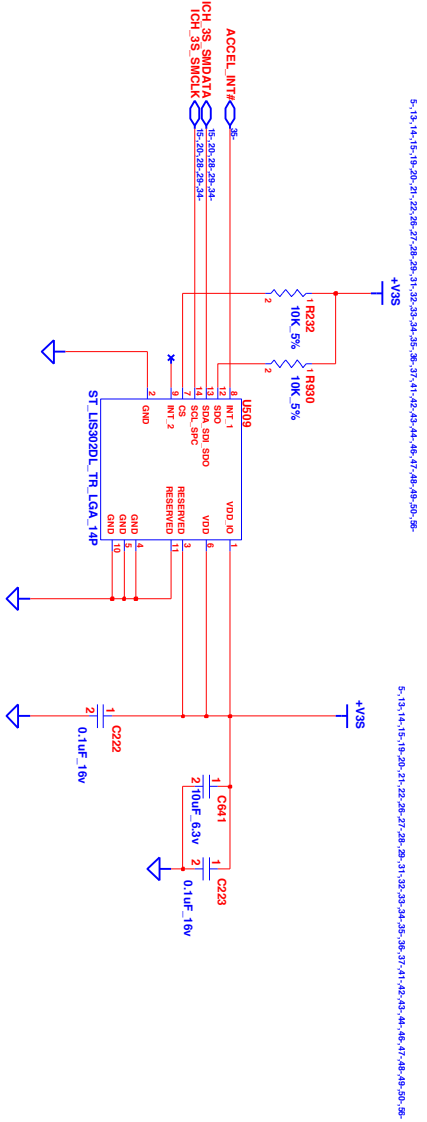
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INVENTEC			
DD08			
IC9H-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	AY1
SHEET		37	OF 69



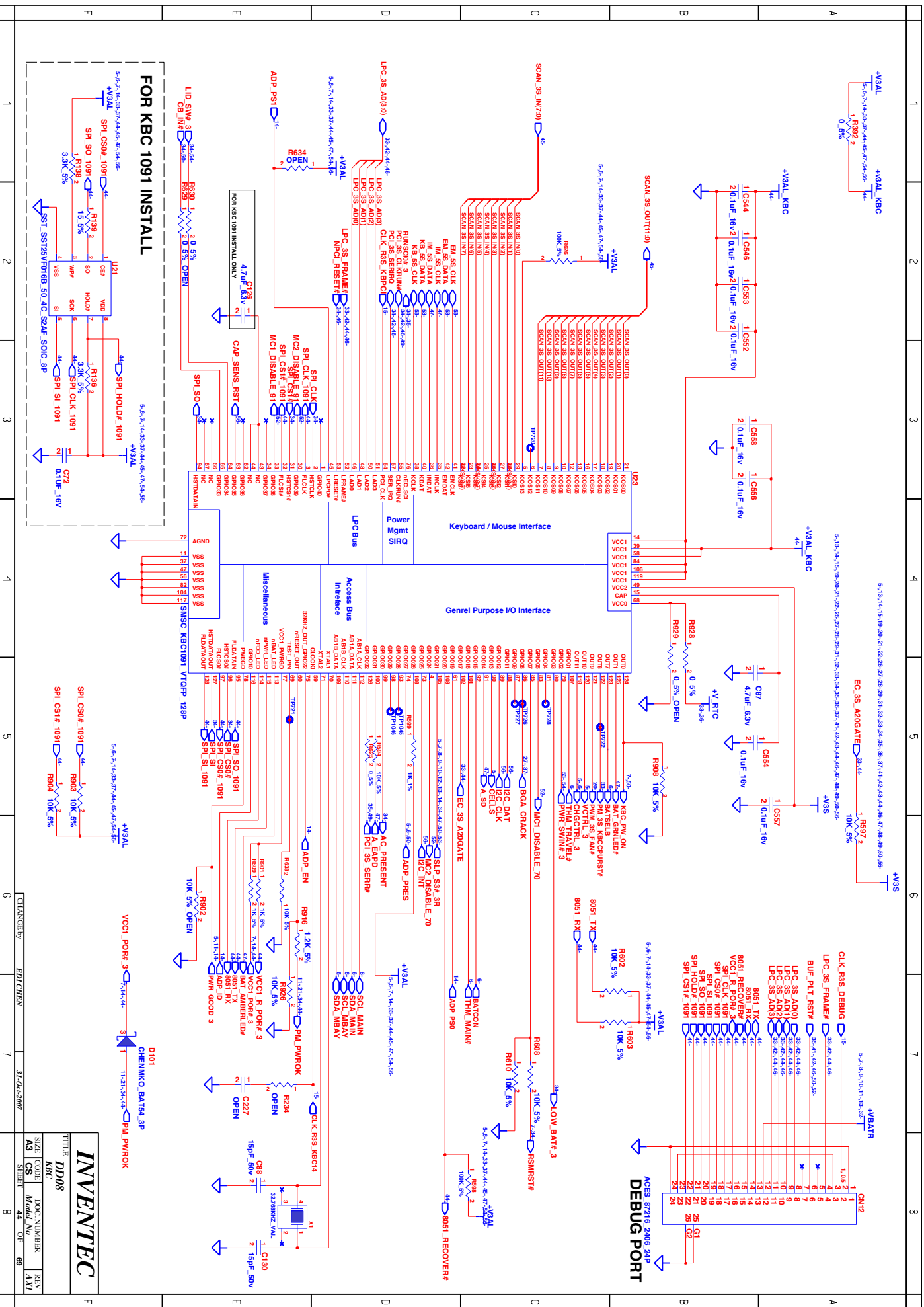


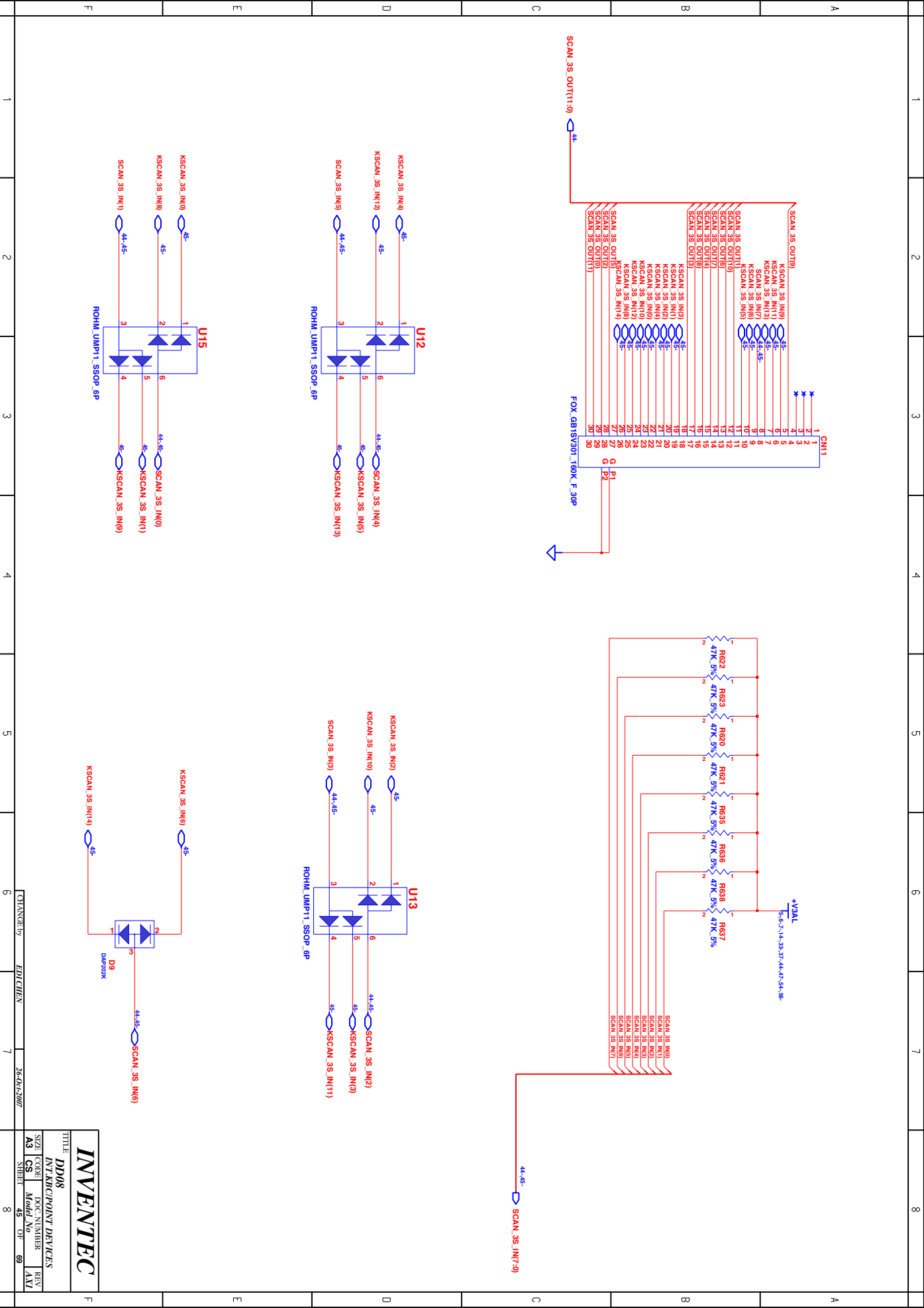


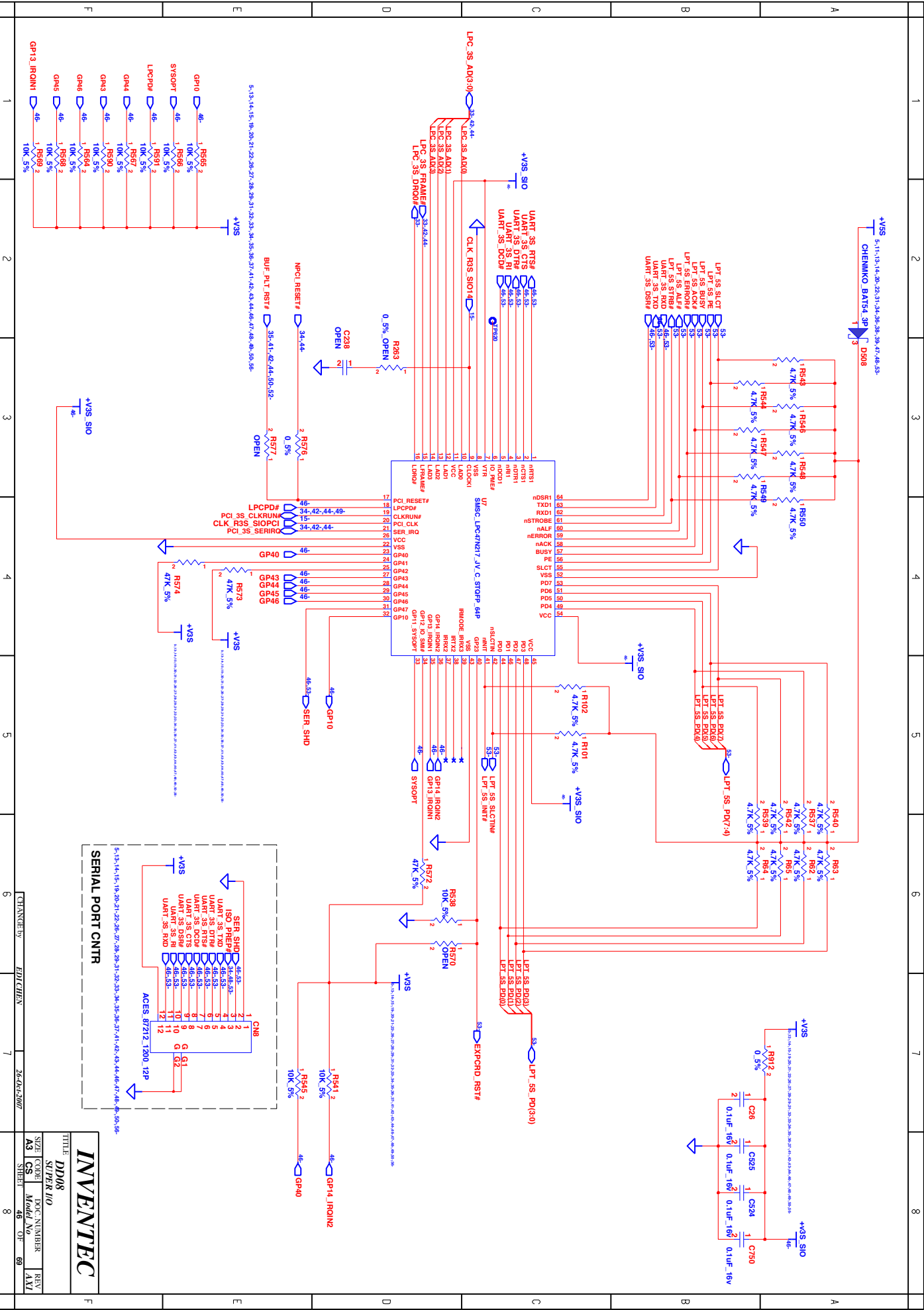


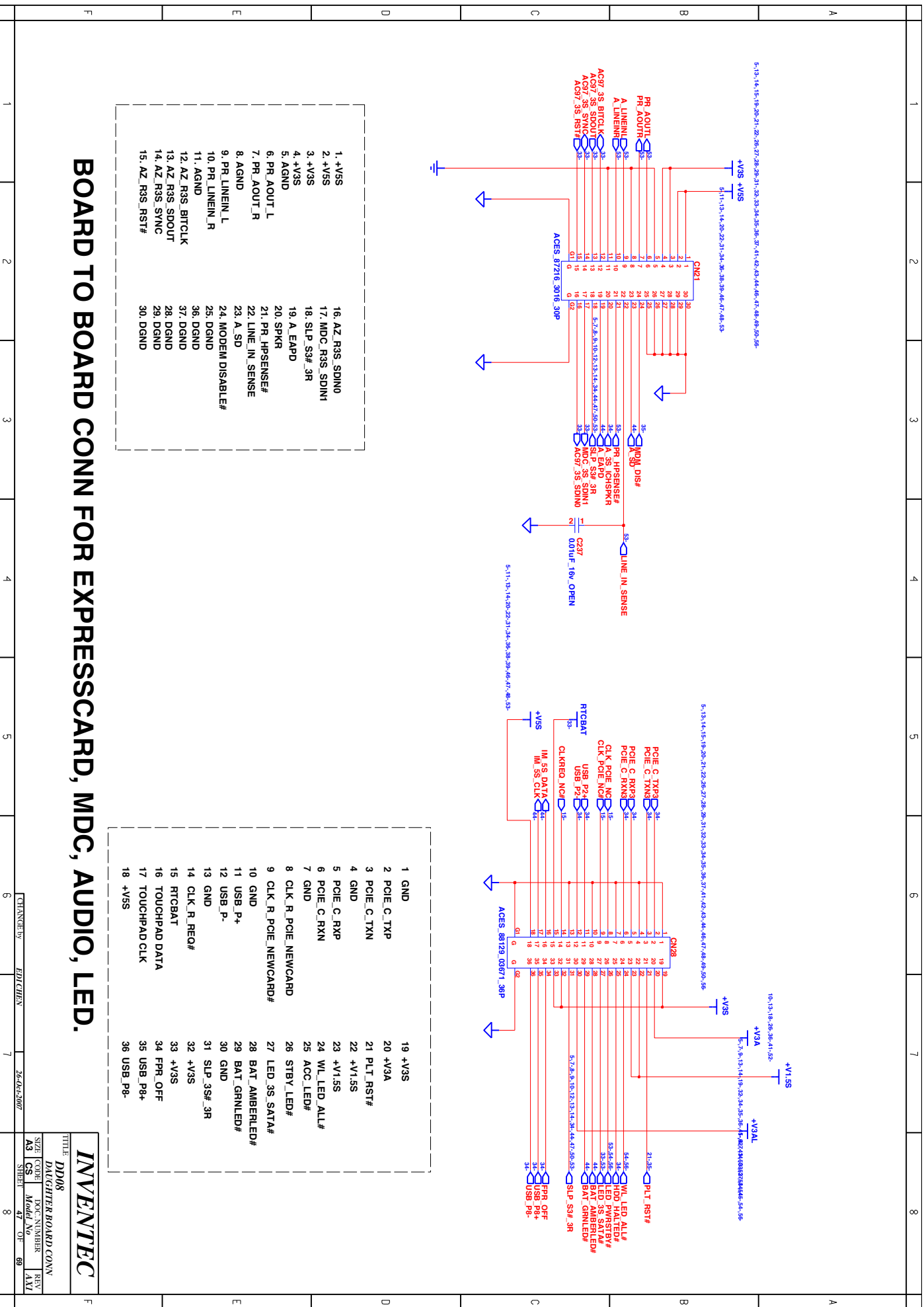
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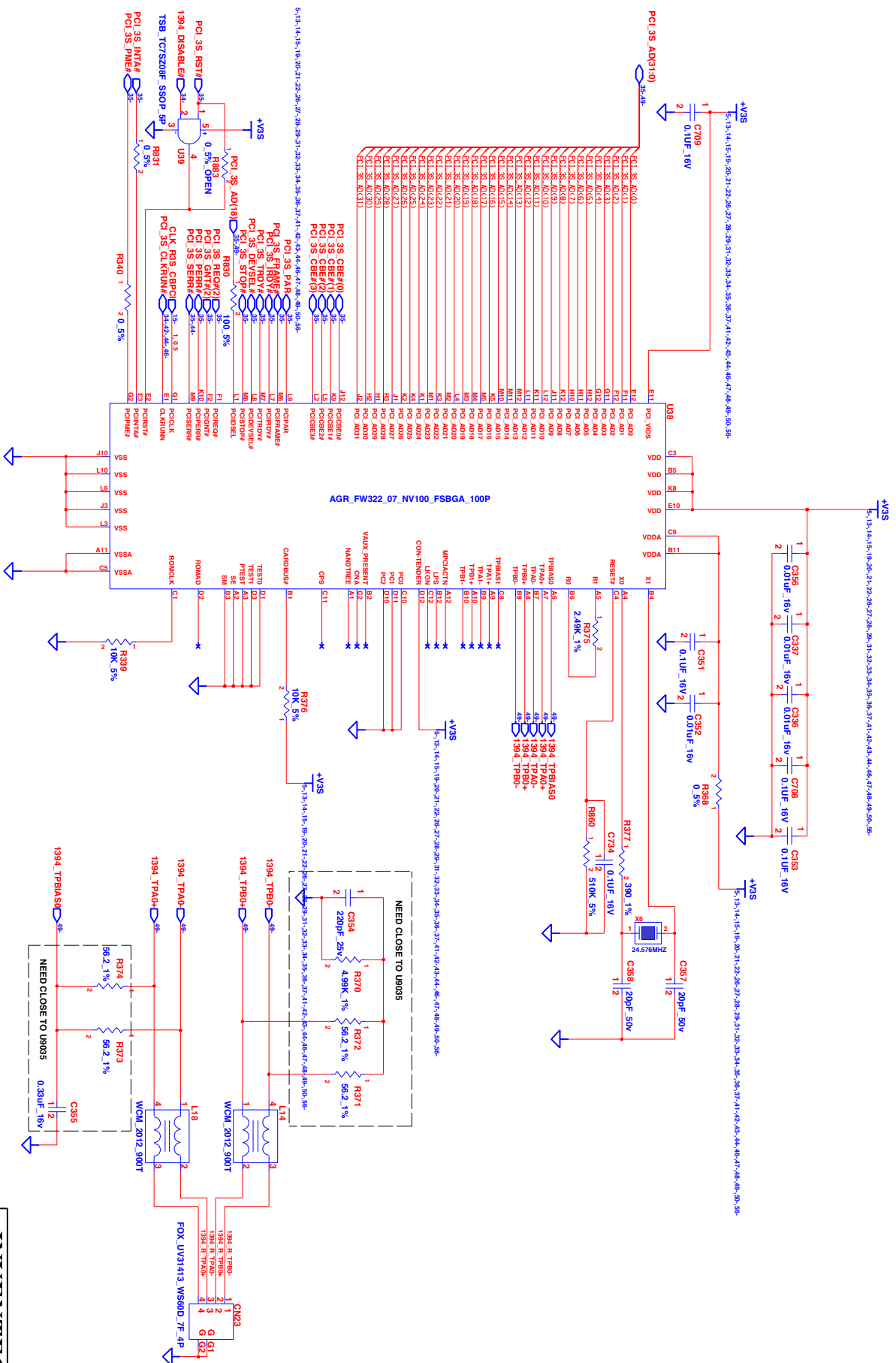
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TITLE <i>DD08</i>			
<i>SP/IDD PROTECTION, WERCAM</i>			
SIZE	CODE	DOC. NUMBER	REV
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SHEET <i>43</i>		OF <i>69</i>	
8			



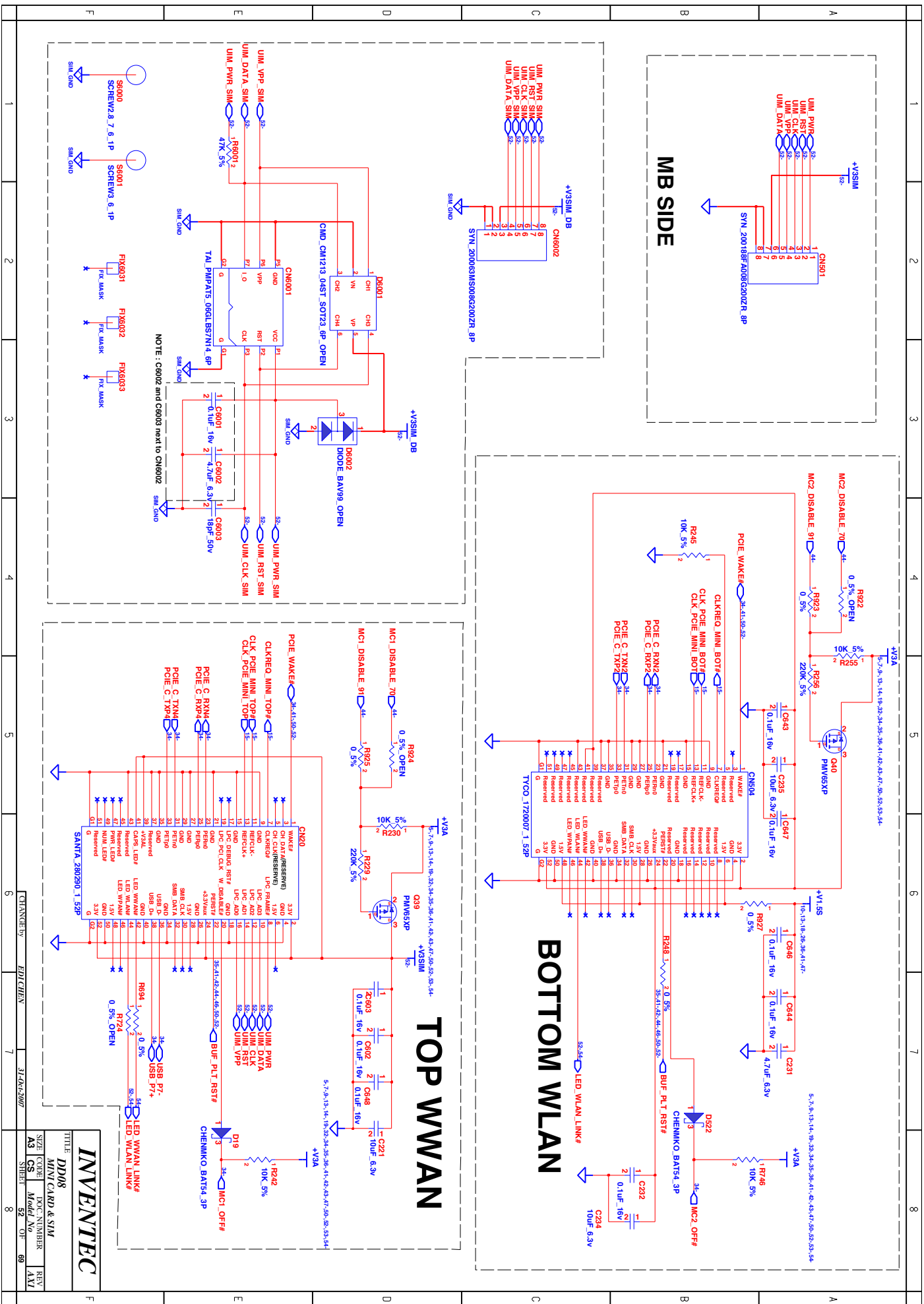


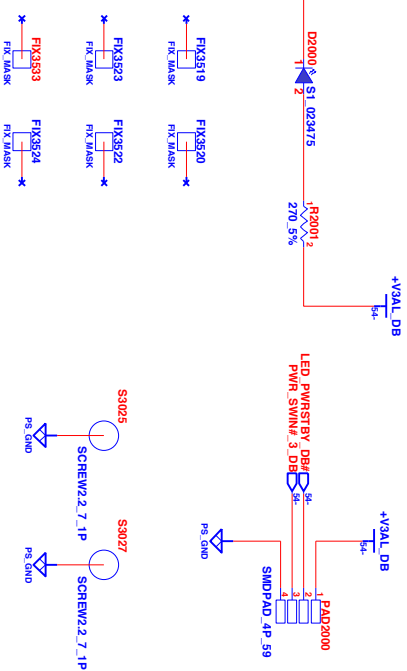
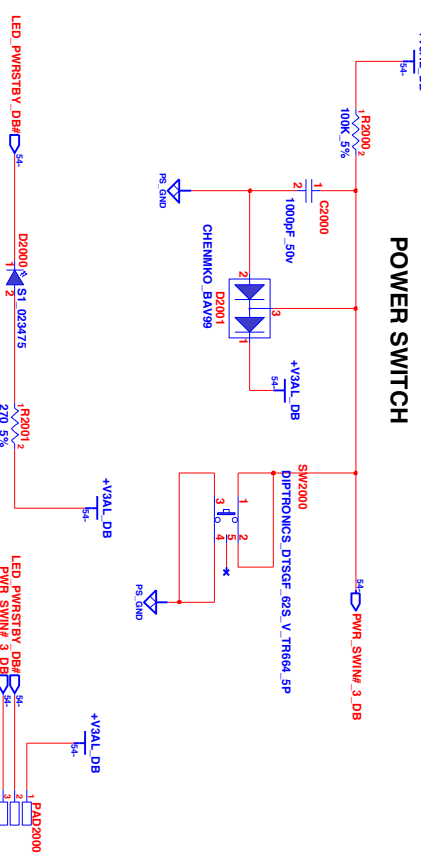
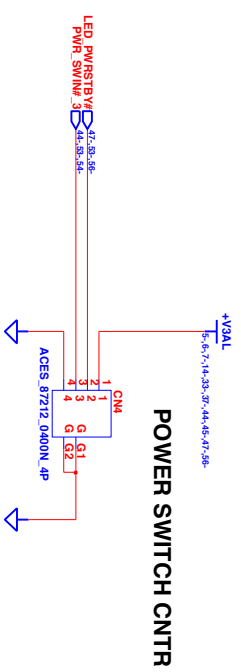




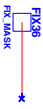


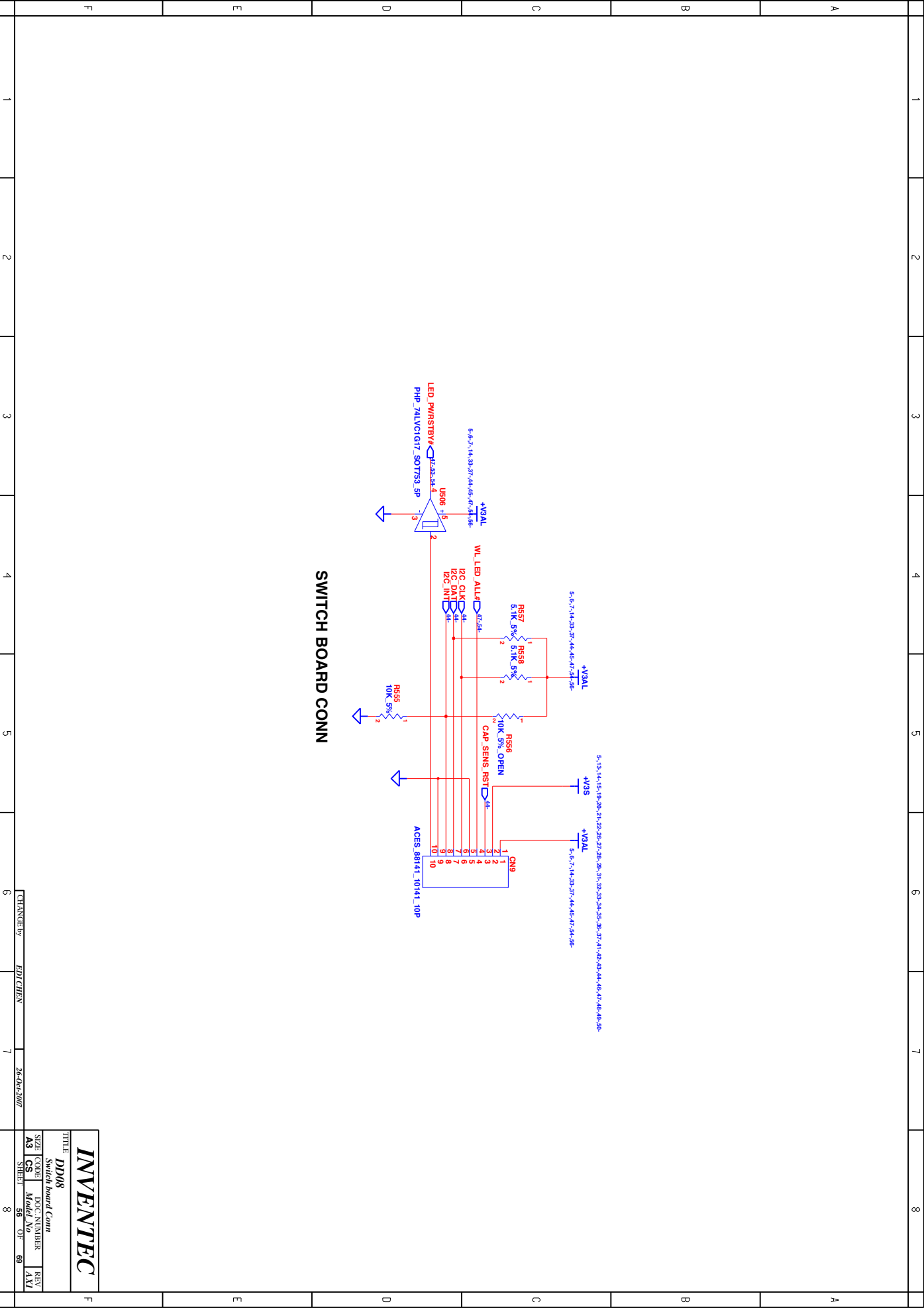
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TITLE		
DD08		
I394 CONTROLLER		
SIZE	CODE	DOC. NUMBER
A3	CS	Model No
SHEET		49 OF 69

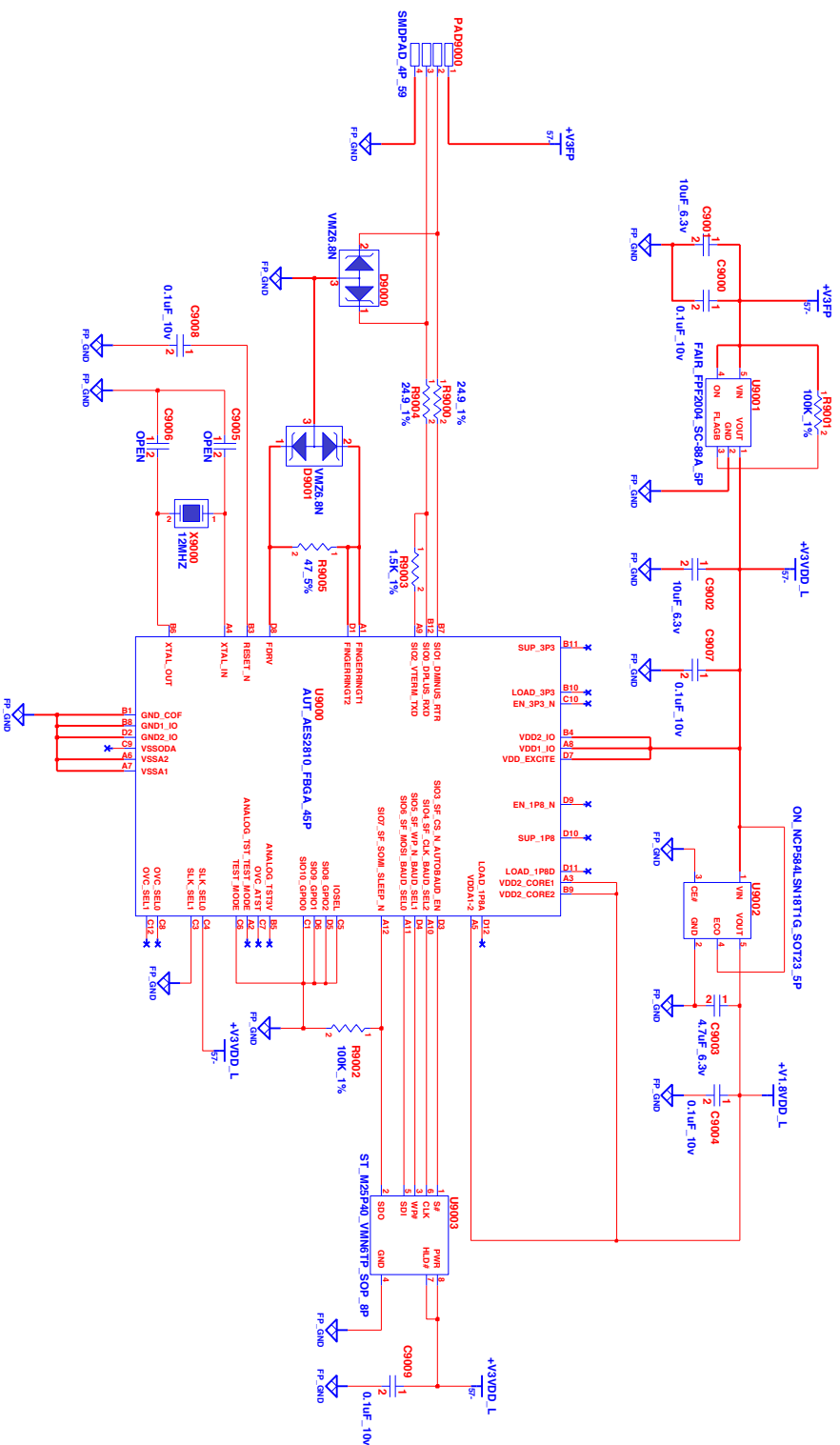


**INVENTEC**

www.VinaFix.vn

	1	2	3	4	5	6	7	8	
A			 SCREW2.8_6.5_10_5P						
B			 SCREW2.8_6.5_8_5P		 SCREW2.8_6.5_8_1P	 SCREW2.8_7.10_1P	 SCREW2.8_7.10_1P		
C			 SCREW4.7_7_10_1P	 SCREW2.8_6.5_8_1P	 SCREW3_6.0_1P	 SCREW2.8_6.5_8_1P			
D		 FIX_MASK	 FIX_MASK						
E		 FIX_MASK	 FIX_MASK						
F		 FIX_MASK	 FIX_MASK						
				CPU Screws  SCREW3.8_6_1P	 SCREW3.8_6_1P	 SCREW3.8_6_1P	 SCREW3.8_6_1P		
					MINICARD Screws  SCREW3_5.1_0_1P	 SCREW3.7_0.6_1P	 SCREW3_5.1_0_1P	 SCREW3.7_0.6_1P	





Layout notes :

Finger Print Reader DB

1. Placed R5 close to U1
2. Placed D1 closed to R5
3. D1 & D2 pin_A to GND should be a short trace(20mil max) using three via to connect to GND.

INVENTEC

DD08

Finger Print board

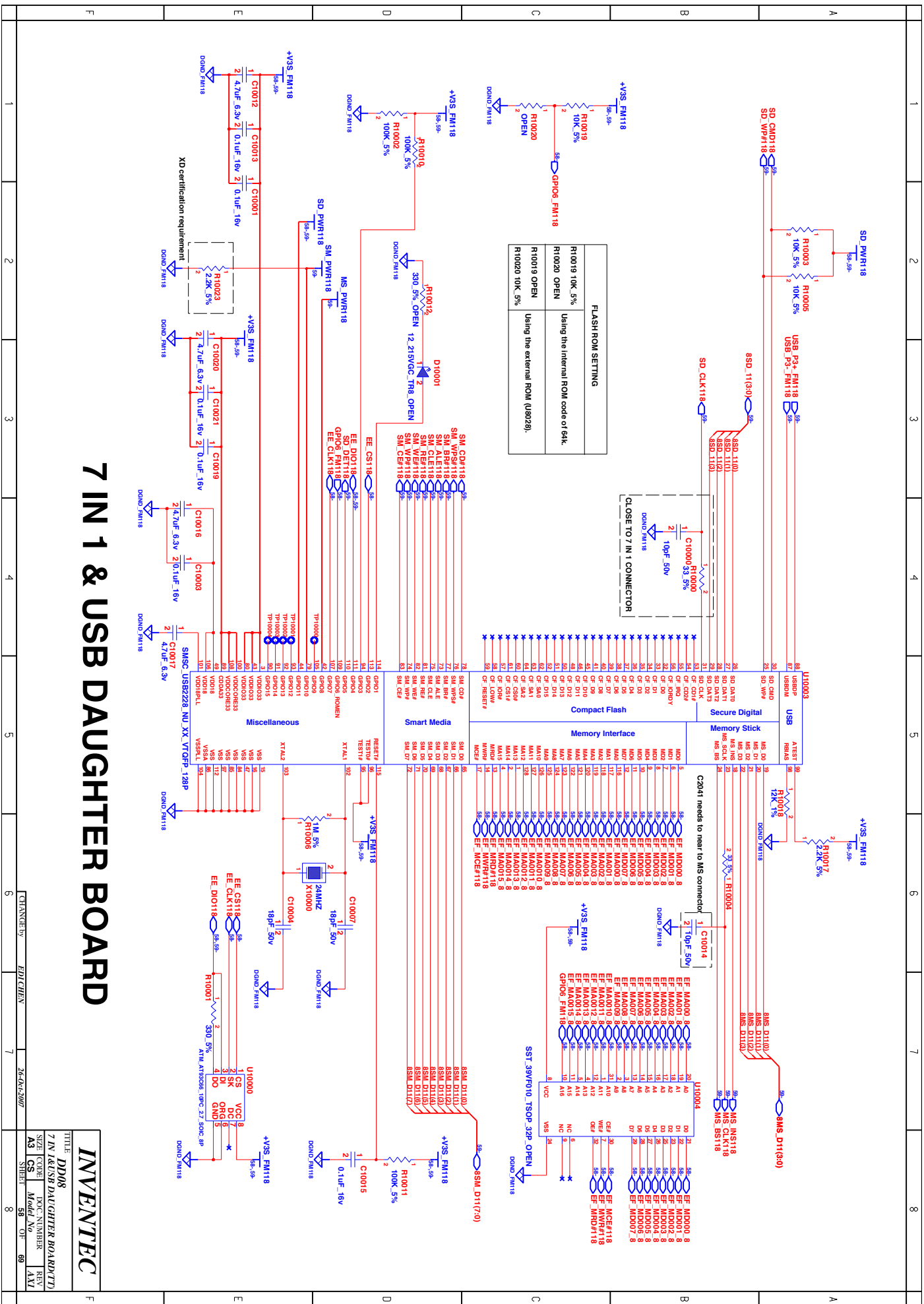
SIZE	CODE	DOC NUMBER	REV
A3	CS	Model No	AXI
SHEET	87	OF	89

7 IN 1 & USB DAUGHTER BOARD

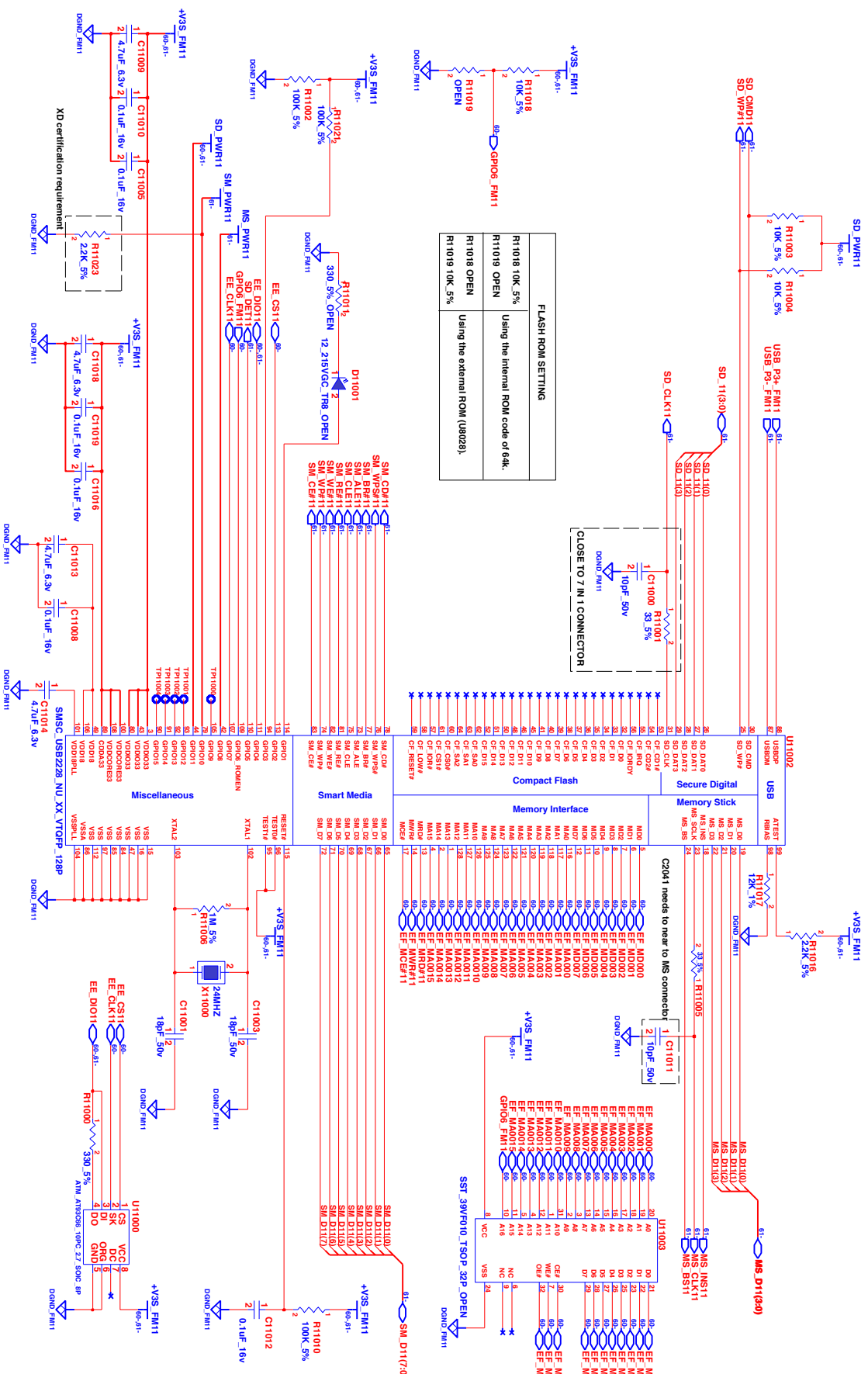
INVENTEC

TITLE DD08
7 IN 1 & USB DAUGHTER BOARD(77)

SIZE CODE DD08
CS Model No. 77
REV AX1



7 IN 1 & USB DAUGHTER BOARD



INVENTEC

DD08

7 IN 1 & USB DAUGHTER BOARD (DD08)

SIZE CODE DOC. NUMBER REV

AS CS Model No. AXI

SHEET 60 OF 69

CHANGED BY EDD/CHIN 24-04-2007

7 IN 1 & USB DAUGHTER BOARD

INVENTEC

7 IN 1 (USB DAUGHTER BOARD)

SIZE CODE CS
Model No. 61 01 69

CHANGE BY EDD/CHEN 26-03-2007

7 26-03-2007

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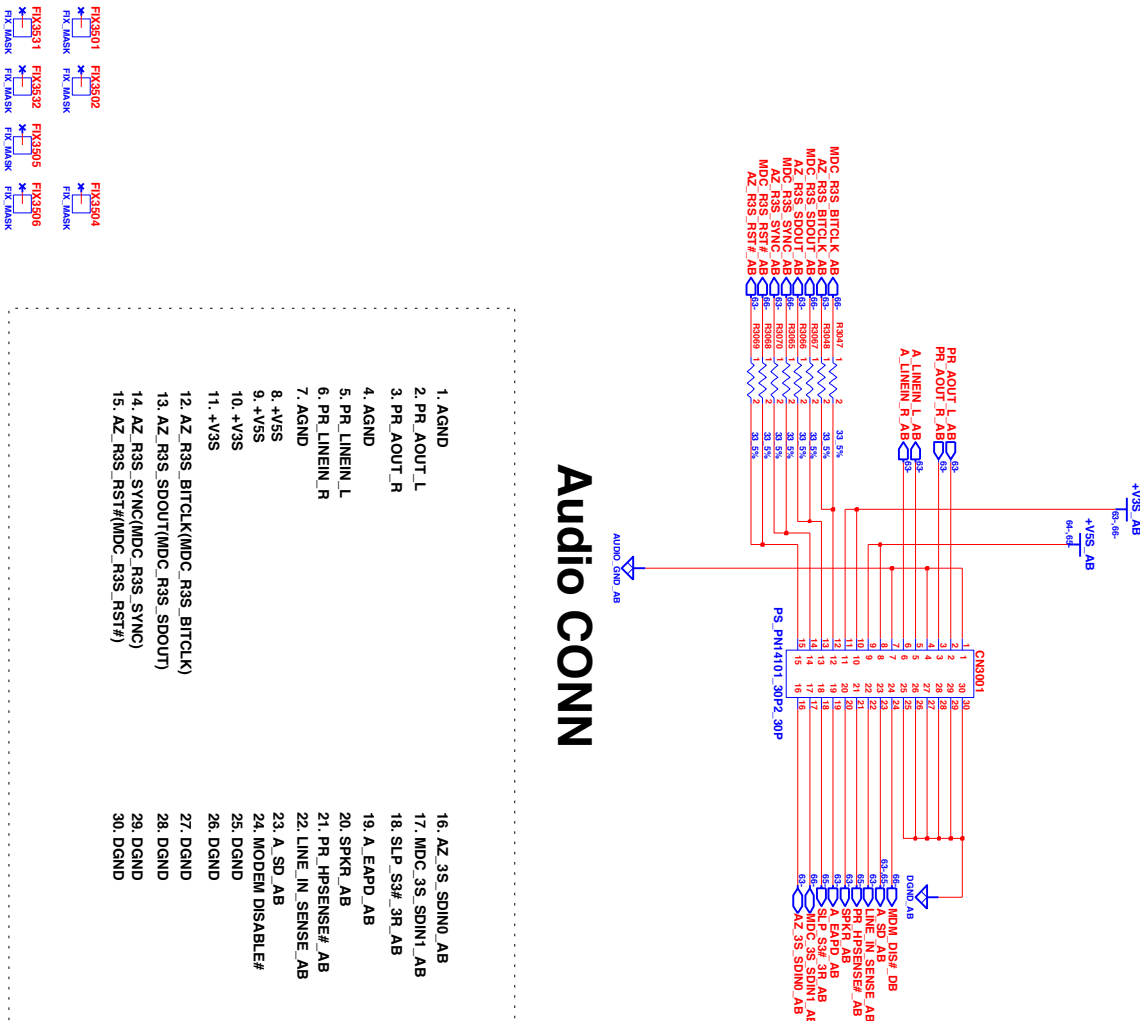
309

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311

AUDIO DAUGHTER BOARD

Audio CONN



INVENTEC

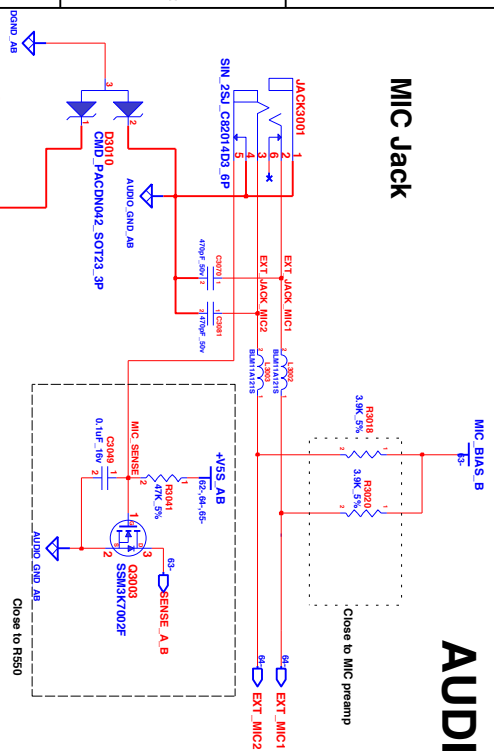
DD08

AUDIO CNTR

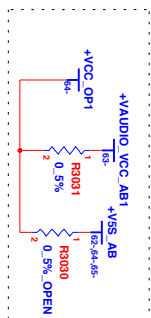
SIZE	CODE	DOC NUMBER	REV
A3	CS	Model No	AXI
Sheet	62	Of	69

AUDIO DAUGHTER BOARD

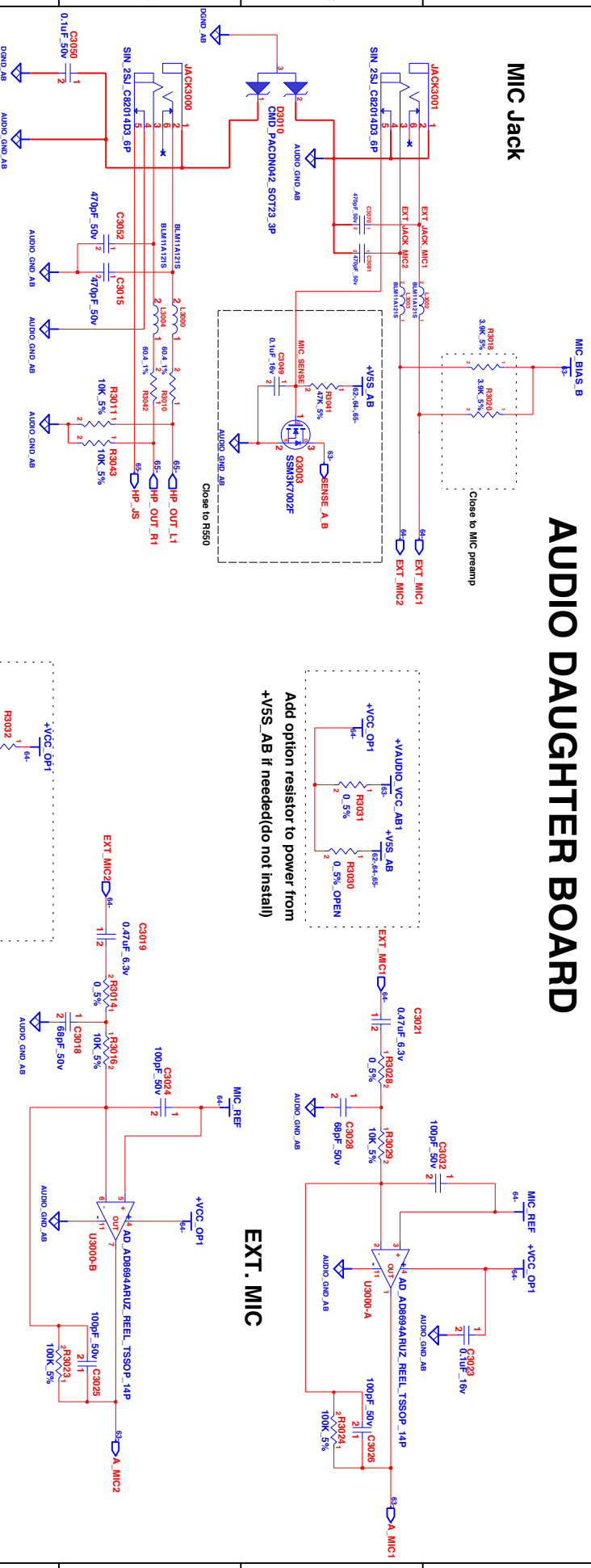
MIC Jack



Add option resistor to power from +VSS_AB if needed(do not install)

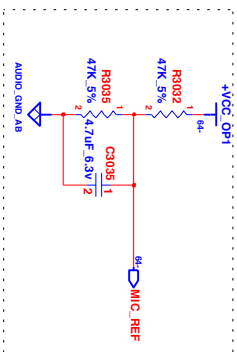


EXT. MIC



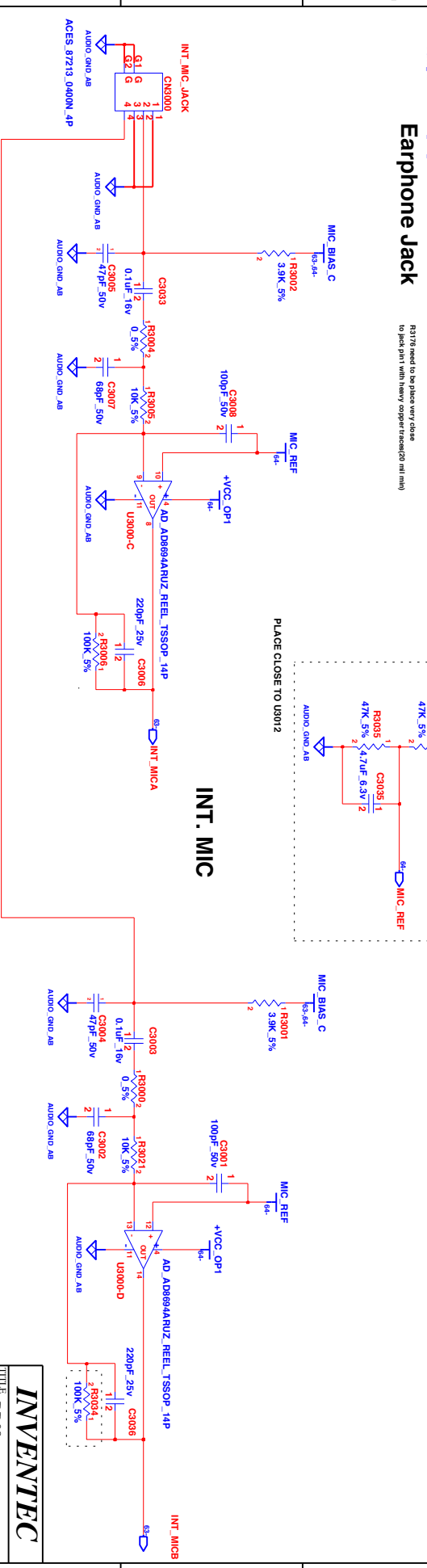
Earphone Jack

R3178 need to be placed very close to jack pin1 with heavy copper trace(20 mil min)



PLACE CLOSE TO U3012

INT. MIC



INVENTEC

DD08

FAIRPHONE & MIC JACK

SIZE CODE

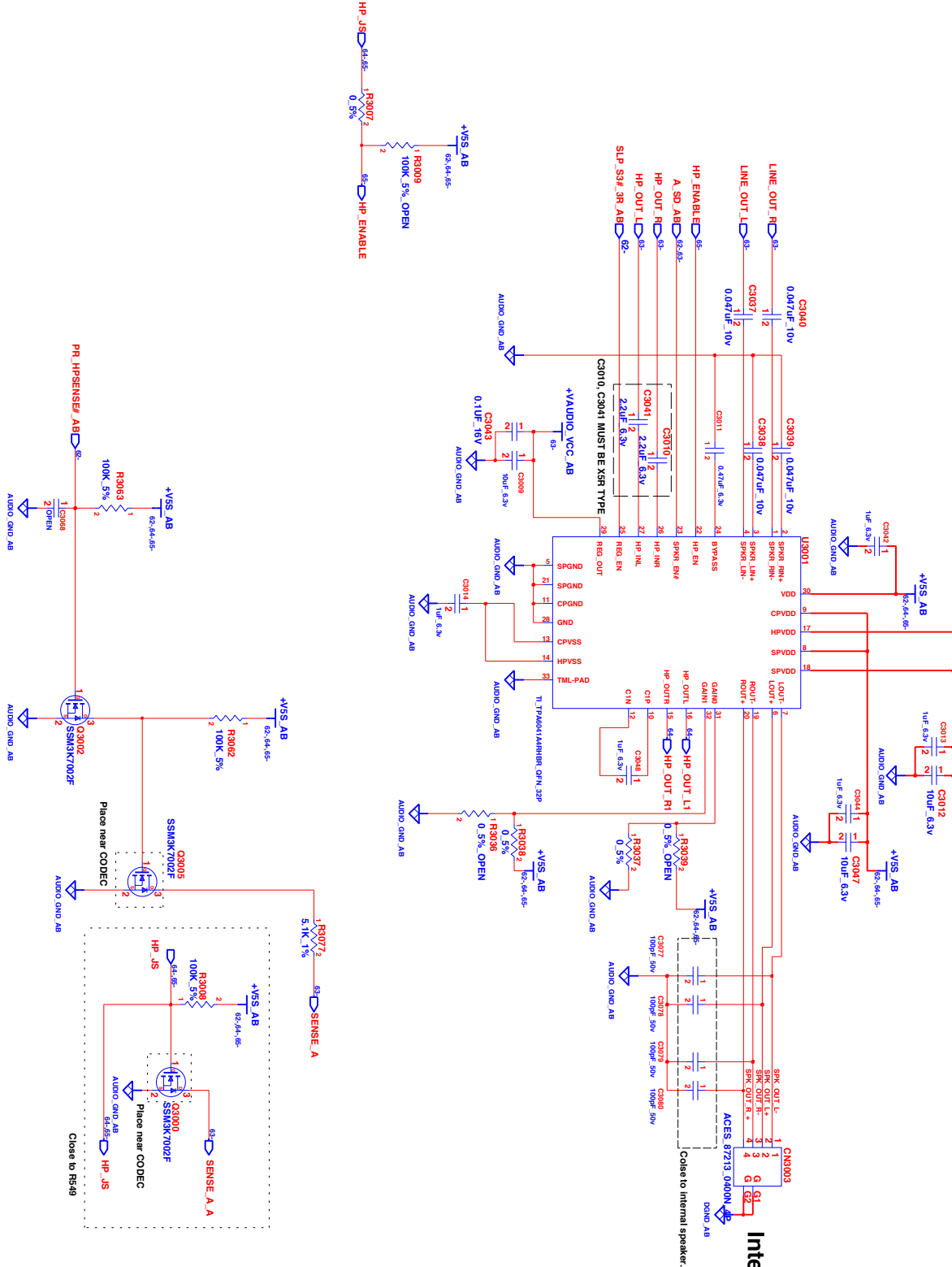
CS

Model No

REV

AXI

AUDIO DAUGHTER BOARD



INVENTEC

DD08

ADD AMP & HP JACK

SIZE CODE

CS

Model No

REV

AXI

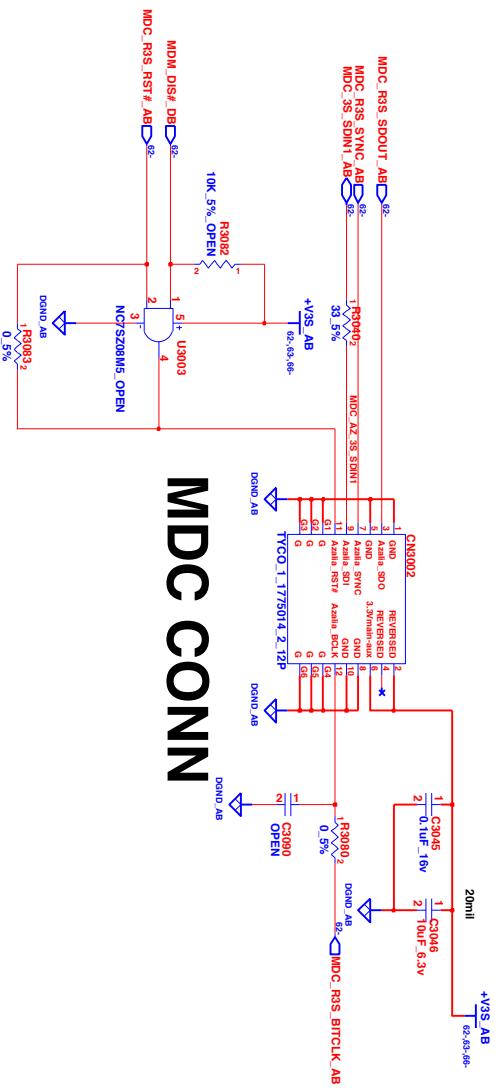
Sheet

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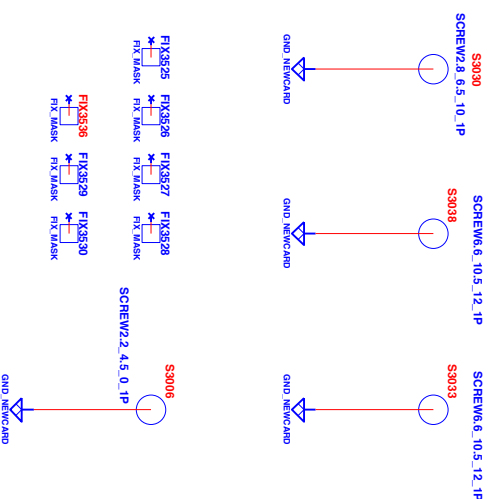
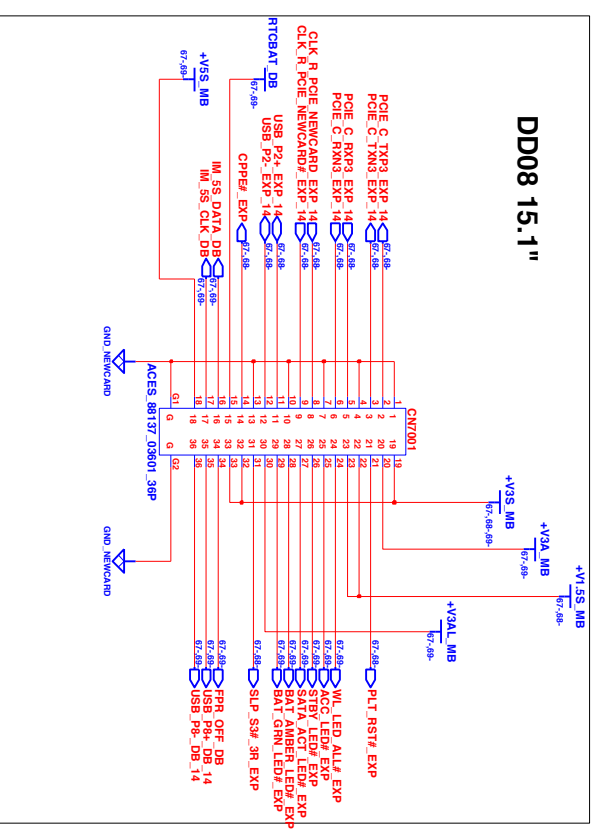
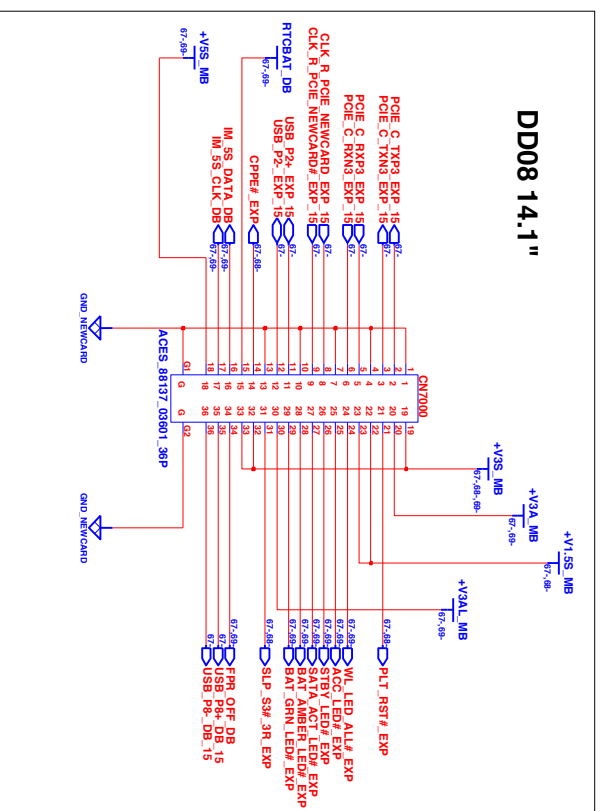
69

AUDIO DAUGHTER BOARD



MDC CONN

<i>INVENTEC</i>			
TITLE			
<i>DD08</i>			
<i>MDC CONN(Ver 1.5)</i>			
SIZE	CODE	DOC NUMBER	REV
<i>A3</i>	<i>CS</i>	<i>Model No</i>	<i>AX1A</i>
SHEET	<i>66</i>	OF	<i>69</i>



- | | | | |
|----|---------------------|----|----------|
| 1 | GND | 19 | +V3S |
| 2 | PCIE_C_TXP | 20 | +V3A |
| 3 | PCIE_C_TXN | 21 | PLT_RST |
| 4 | GND | 22 | +V1.5S |
| 5 | PCIE_C_RXP | 23 | +V1.5S |
| 6 | PCIE_C_RXN | 24 | WL_LED |
| 7 | GND | 25 | ACC_LED |
| 8 | CLK_R_PCIE_NEWCARD | 26 | STBY_LED |
| 9 | CLK_R_PCIE_NEWCARD# | 27 | LED_3S |
| 10 | GND | 28 | BAT_AM |
| 11 | USB_P+ | 29 | BAT_GR |
| 12 | USB_P- | 30 | LED_3S |
| 13 | GND | 31 | SLP_3SA |
| 14 | CLK_R_REQ# | 32 | +V3S |
| 15 | RTCBAT | 33 | +V3S |
| 16 | TOUCHPADDATA | 34 | PPR_OFF |
| 17 | TOUCHPAD_CLK | 35 | USB_P8+ |
| 18 | +V5S | 36 | USB_P8- |

EXPRESS CARD DAUGHTER BOARD

CLOSE TO CN7000 FOR 14" ONLY

INVENTEC		TITLE	
DD08		NEW CARD BOARD	
SIZE	CODE	DOC NUMBER	REV
A8	08	00000000	AW
SHEET	OF	69	8
CHANGE BY		EDICHEN	36-04-2007
5		7	

EXPRESS CARD DAUGHTER BOARD

