

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

AMD-DISCRETE

Volna

MV Build

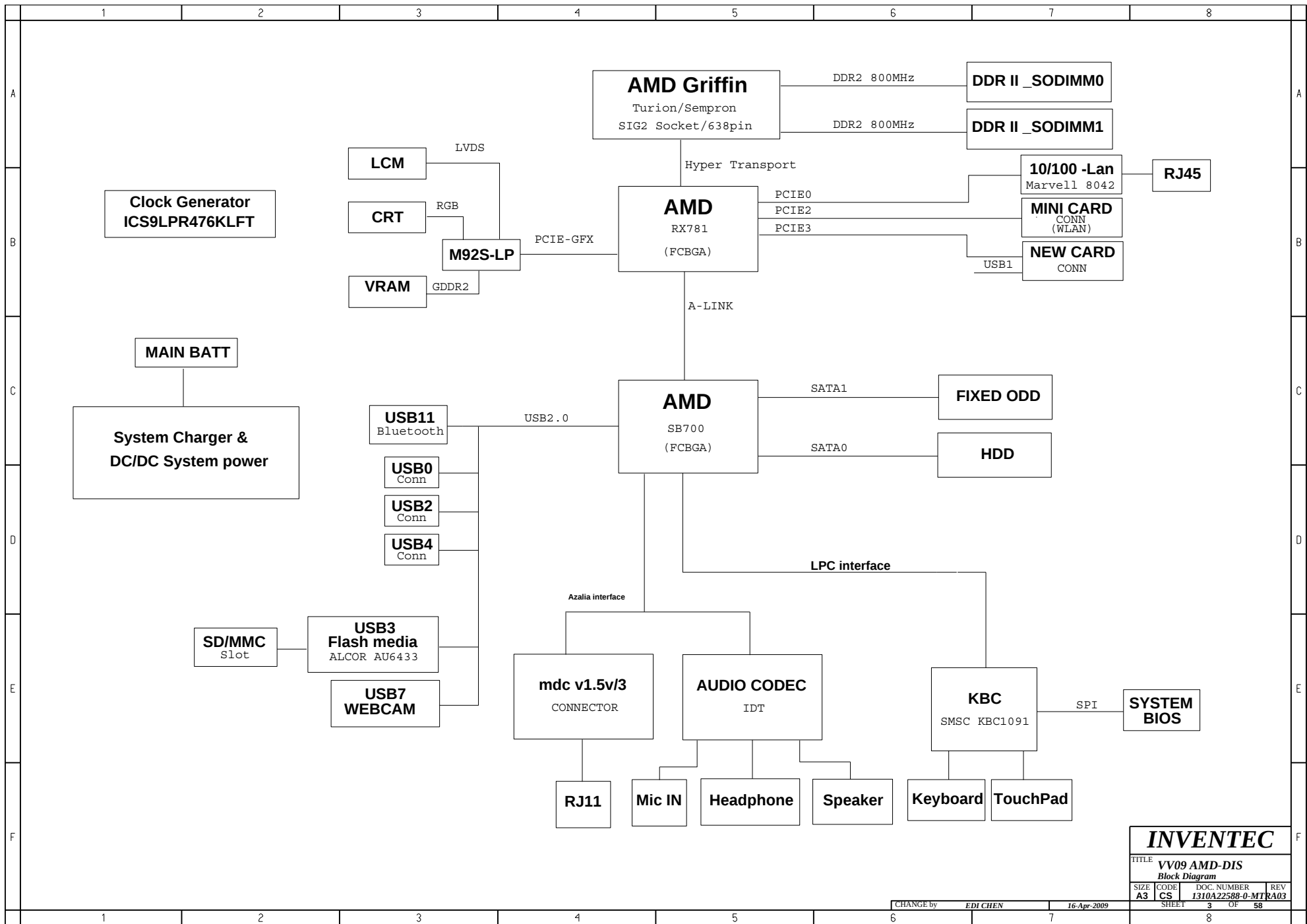
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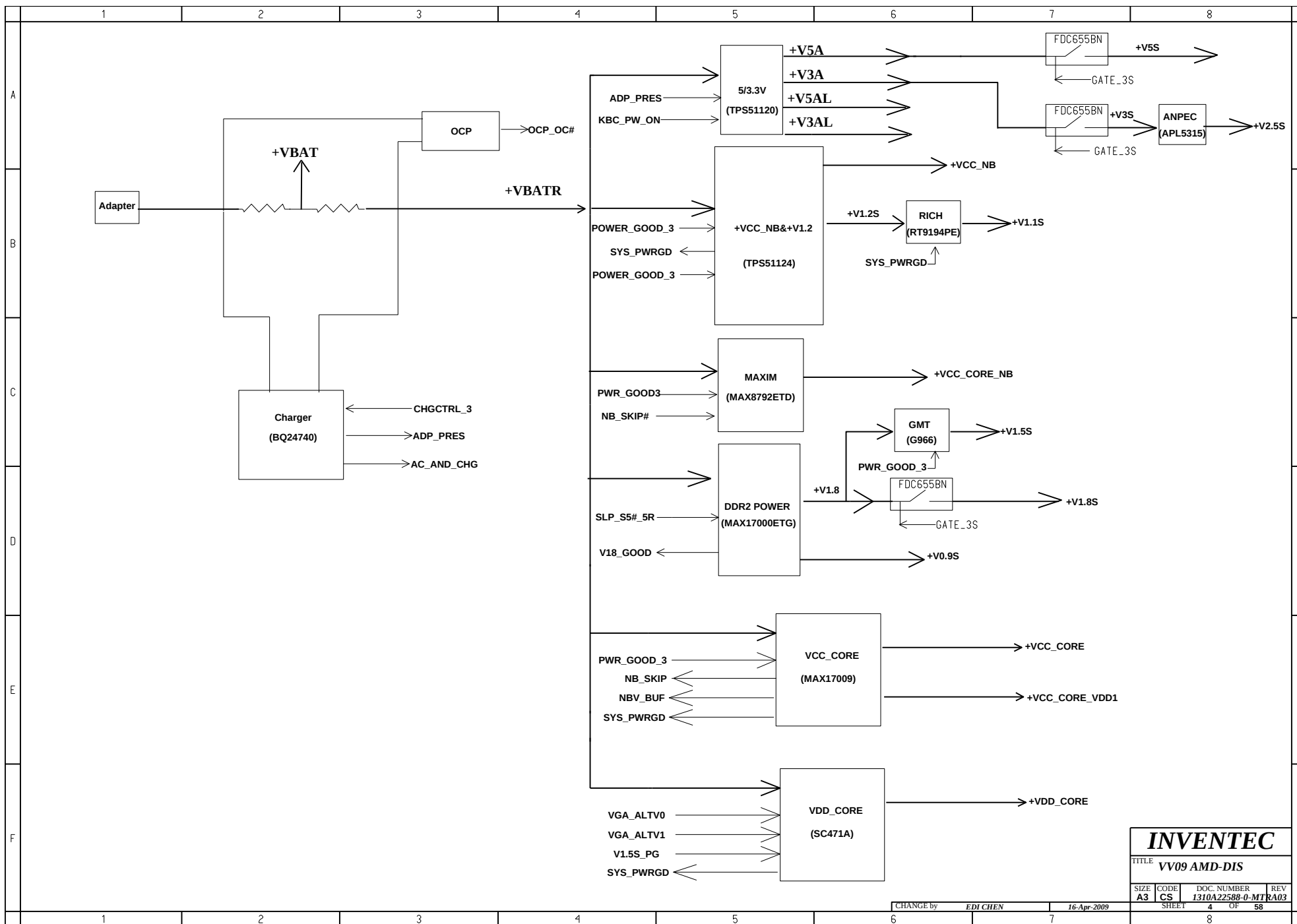
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P/N	XXXXXXXXXXXX			
SHEET 1		OF 58		

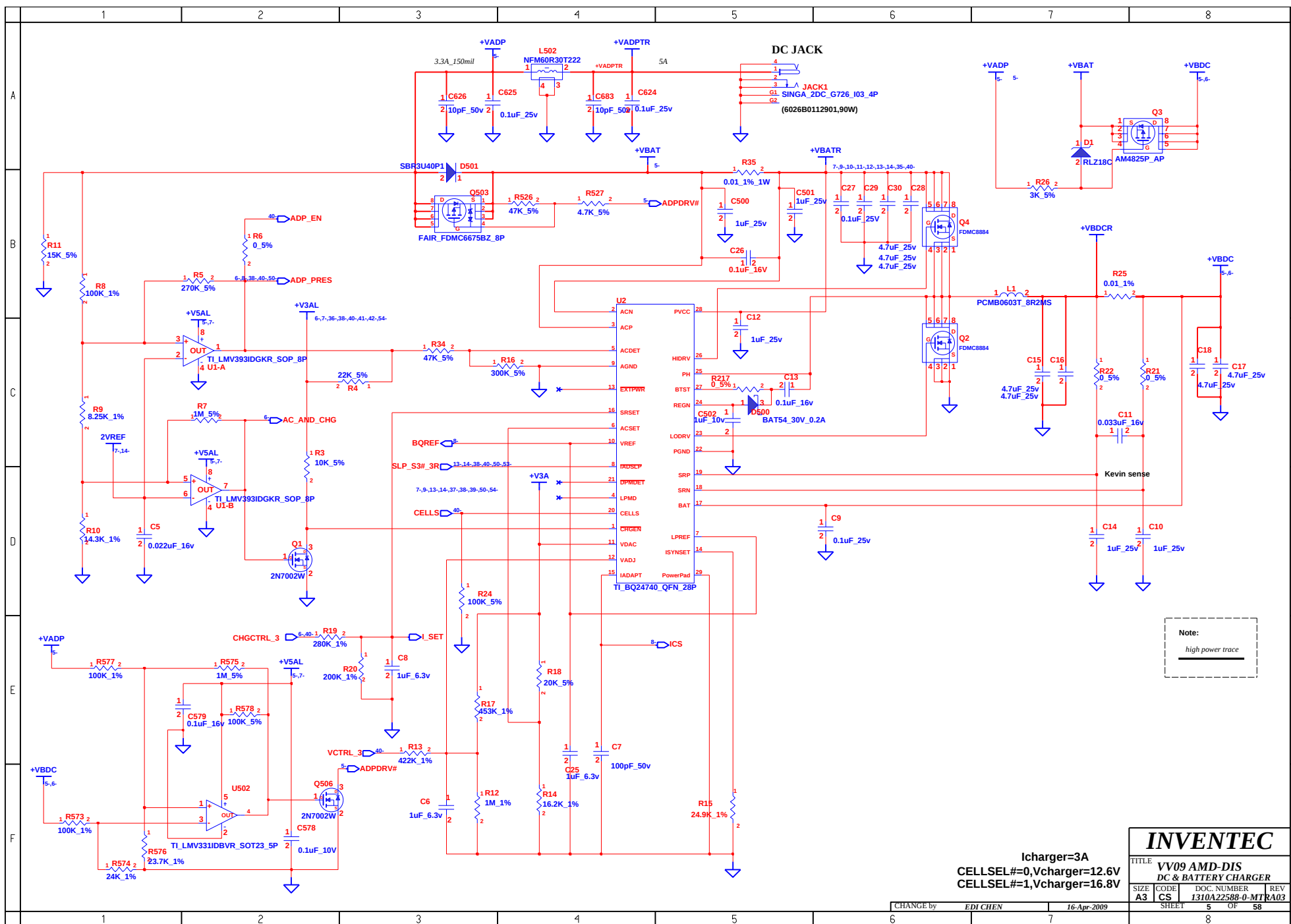
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SIZE A3	CODE CS	DOC. NUMBER 1310A22588-0-MTR	REV A03

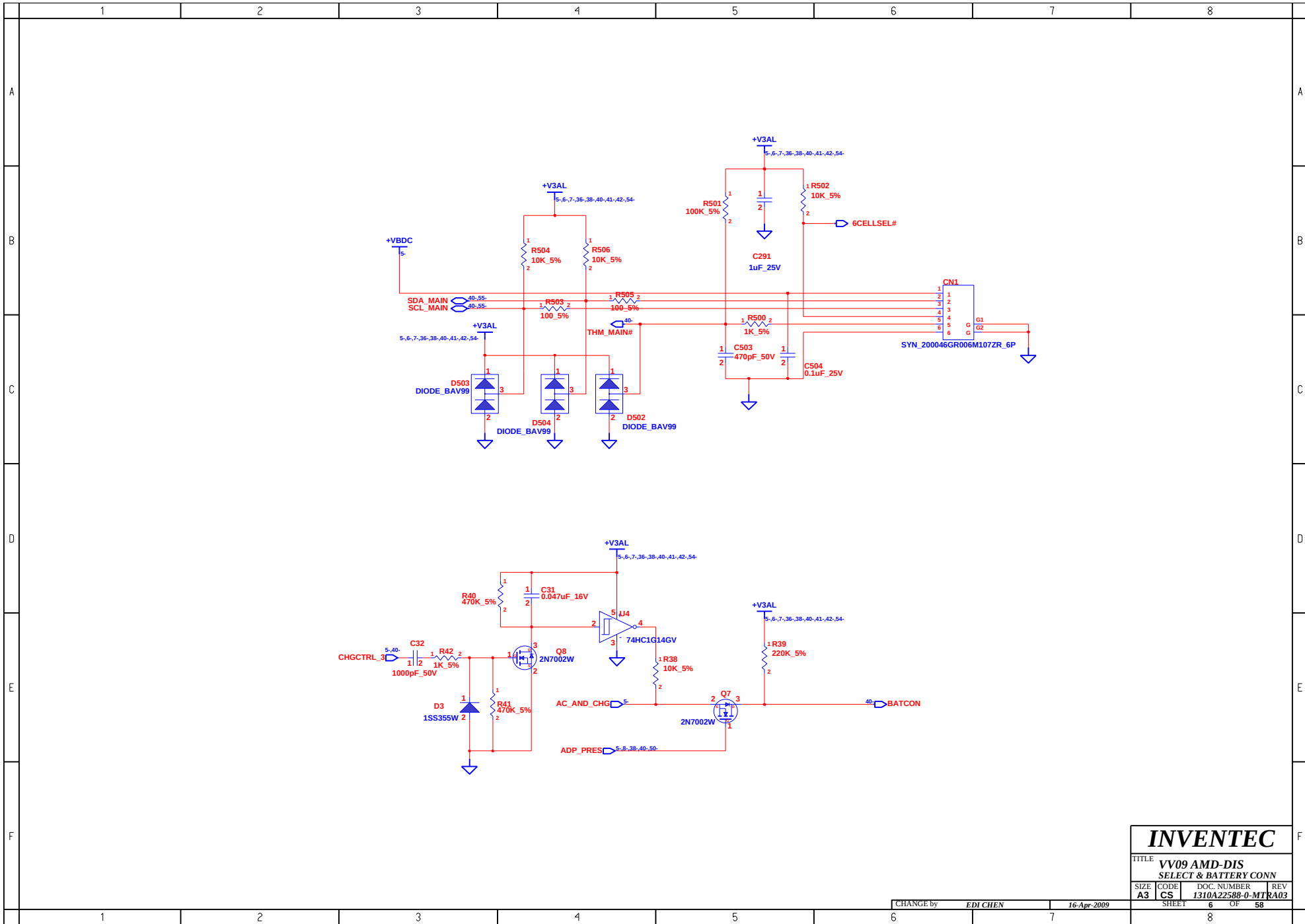
	1	2	3	4	5	6	7	8				
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B	PAGE 5- DC& BATTERY CHARGER 6- SELECT & BATTERY CONN 7- +V5A,+V3A & +V2.5S 8- OCP 9- +VCC_NB & +V1.2A 10- +VCC_CORE 11- POWER 12- DDR2 POWER 13- POWER(SLEEP) 14- POWER(SEQUENCE)		PAGE 15- CLOCK_GENERATOR 16- CPU-1 17- CPU-2 18- CPU-3 19- CPU-4 20- DDR2-DIMM0 21- DDR2-DIMM1 22- DDR2-DAMPING 23- THERMAL&FAN CONTROLLER 24- RX781-1 25- RX781-2 26- RX781-3 27- RX781-4 28- GPU-AMD-M92S-LP-1 29- GPU-AMD-M92S-LP-2 29- GPU-AMD-M92S-LP-3 30- GPU-AMD-M92S-LP-4 32- Video RAM(GDDR2)-1 33- Video RAM(GDDR2)-2 34- CRT 35- LCD CONN 36- SB700-1 37- SB700-2 38- SB700-3 39- SB700-4		PAGE 40- KBC 41- KB & TP CONN 42- SPI 43- HDD & ODD CONN 44- USB CONN 45- USB WEBCAM CONN 46- AZALIA IDT CODEC 47- Earphone & MIC JACK 48- AUDIO AMP & HP JACK 49- MDC CNTR 50- NIC 10/100 LAN- CONTROLLER 51- RJ45 CONN 52- MINICARD & BT CONN 53- NEW CARD 54- BUTTON & LED 55- SCREW 56- SWITCH Board 57- 15" ODD Extend Board 58- FLASH MEDIA CARD							
C												
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						INVENTEC TITLE VV09 AMD-DIS Table OF Content <table><tr><td>SIZE A3</td><td>CODE CS</td><td>DOC. NUMBER I310A22588-0-MTR</td><td>REV A03</td></tr></table> CHANGE by EDI CHEN 16-Apr-2009 SHEET 2 OF 58		SIZE A3	CODE CS	DOC. NUMBER I310A22588-0-MTR	REV A03	
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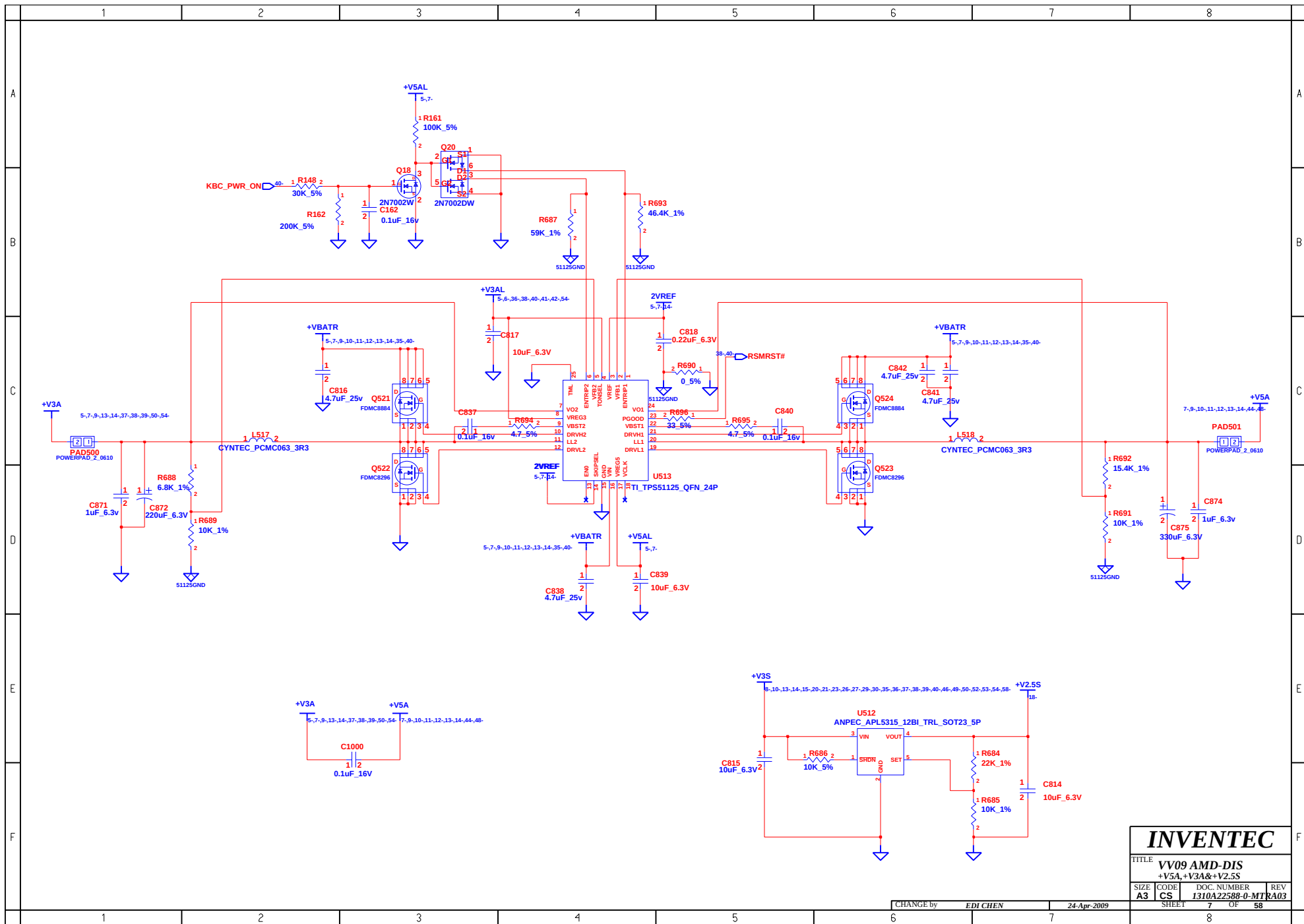




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TITLE VV09 AMD-DIS			
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CHANGE by EDI CHEN		16-Apr-2009	
SHEET 4		OF 58	



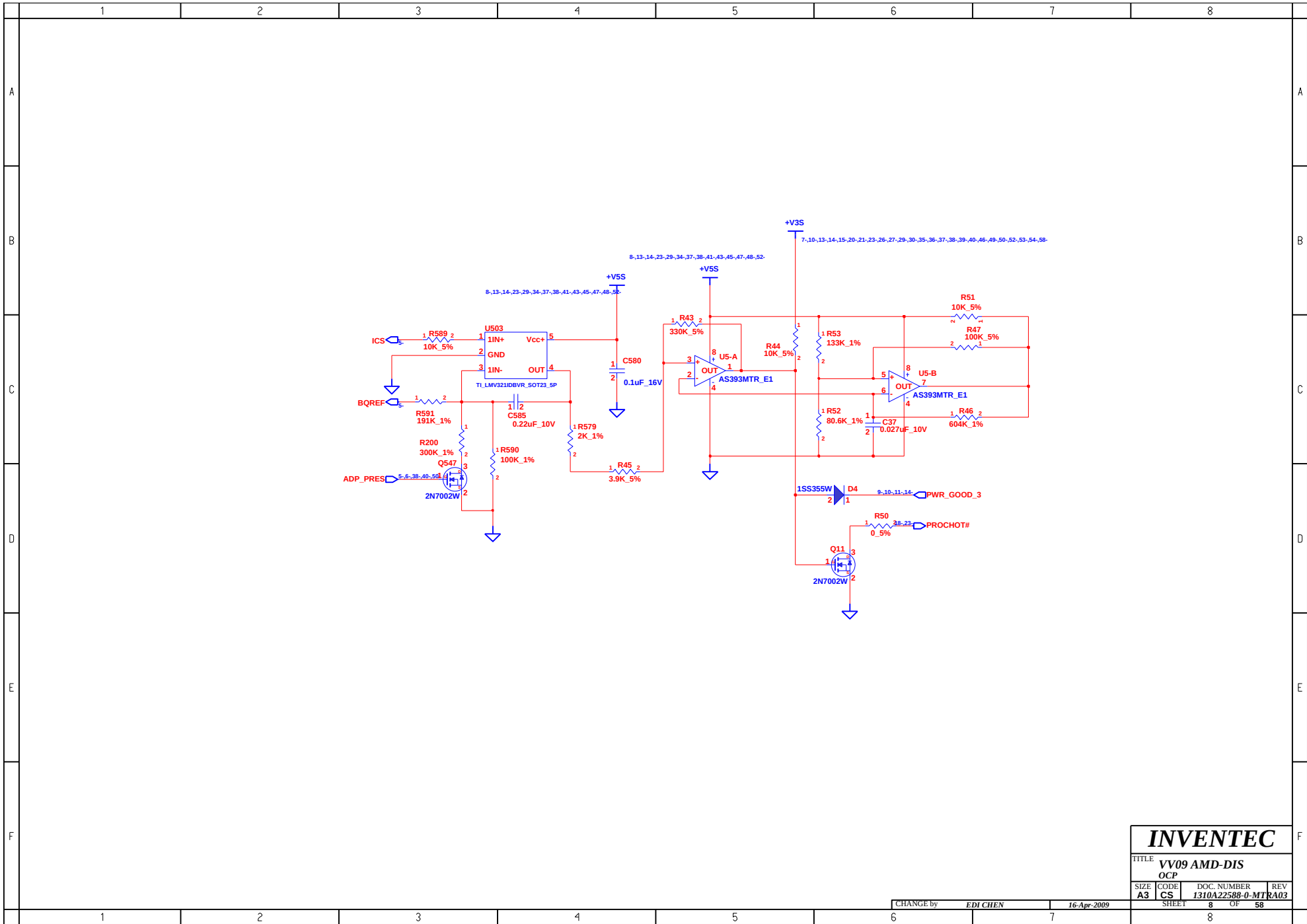


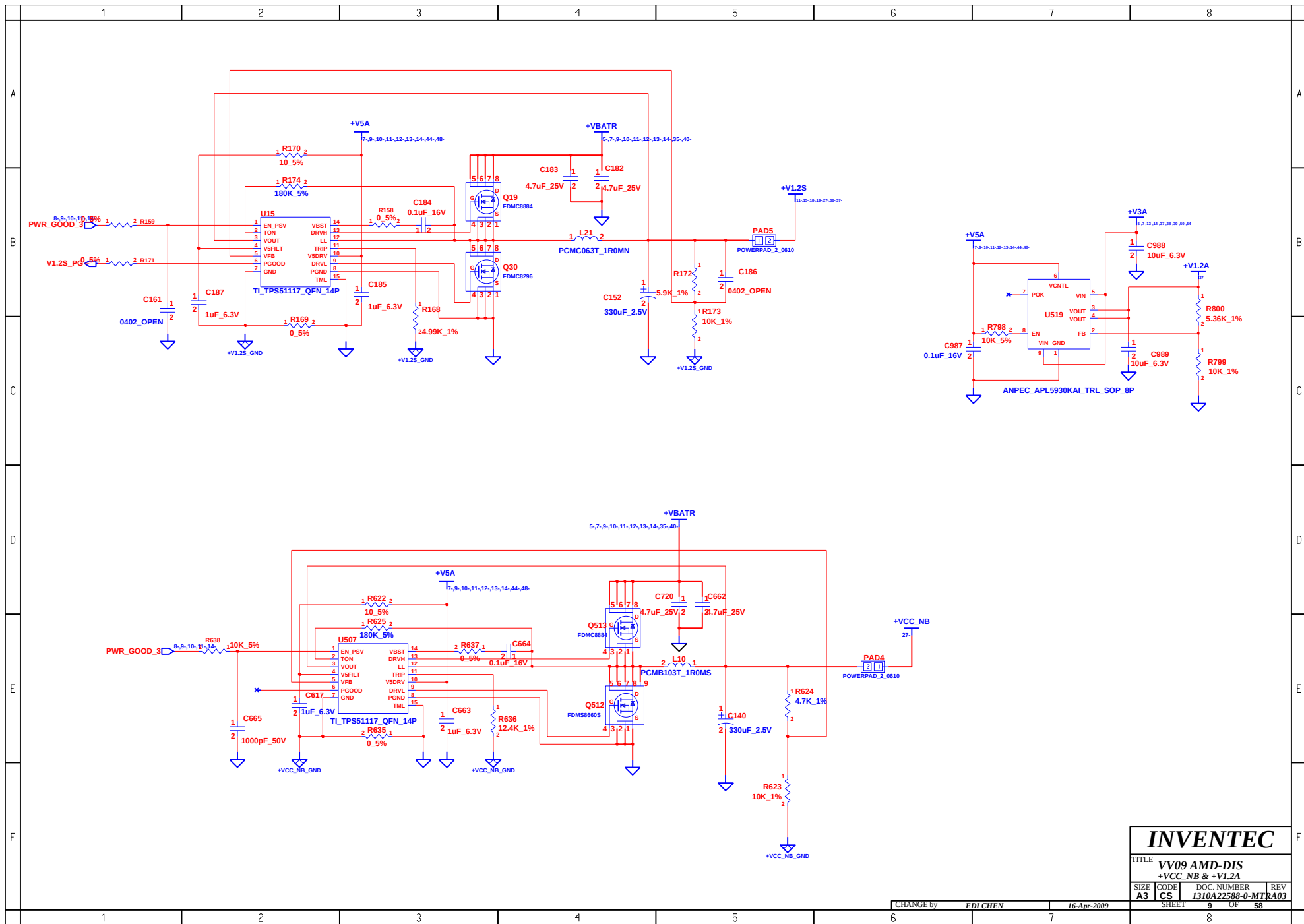


INVENTEC

TITLE VV09 AMD-DIS +V5A,+V3A&+V2.5S			
SIZE A3	CODE CS	DOC. NUMBER 1310A22588-0-MT	REV A03
SHEET 7		OF 58	

CHANGE by EDI CHEN 24-Apr-2009





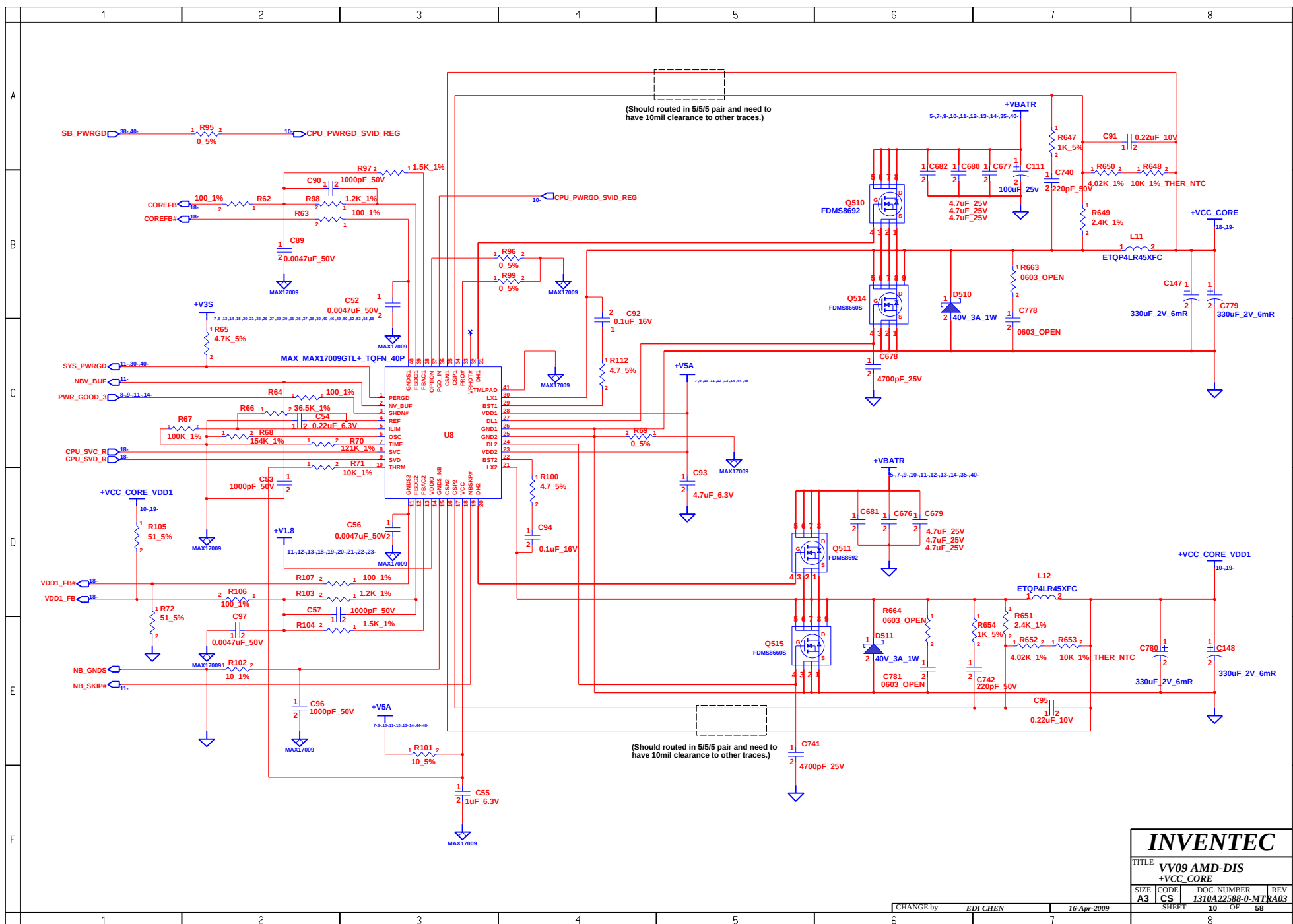
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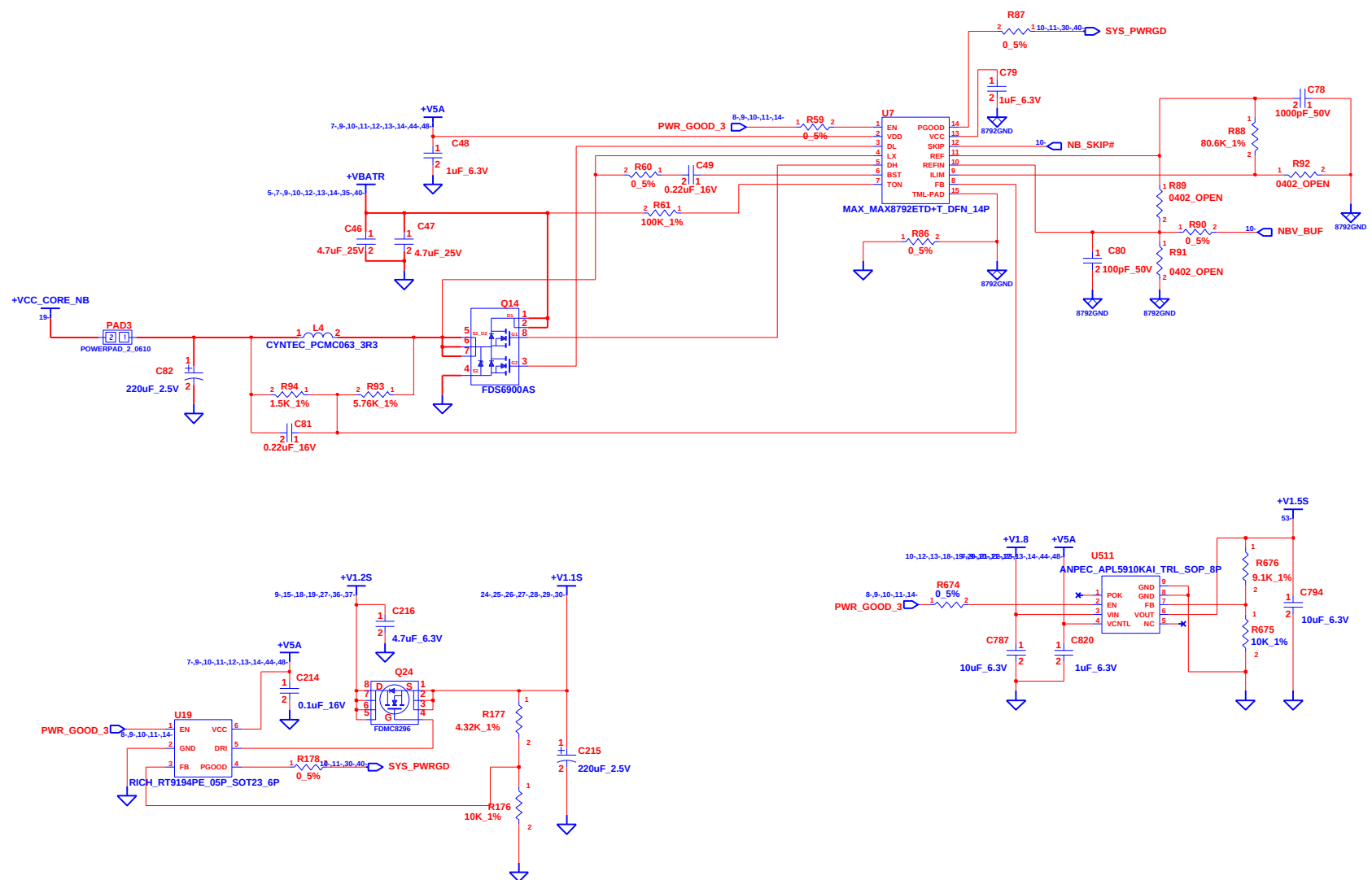
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VV09 AMD-DIS
+VCC_NB & +V1.2A

SIZE A3	CODE CS	DOC. NUMBER I310A22588-0-MT	REV A03
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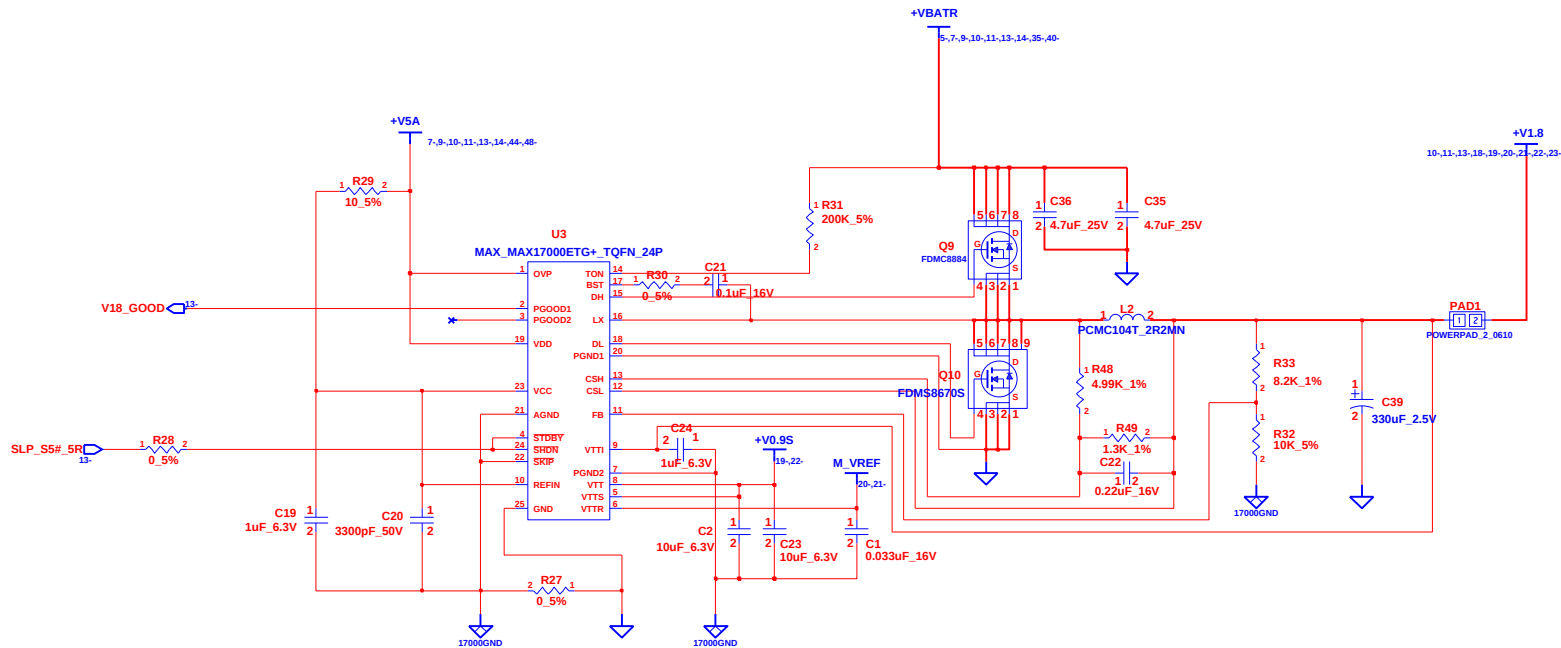
CHANGE by EDI CHEN 16-Apr-2009

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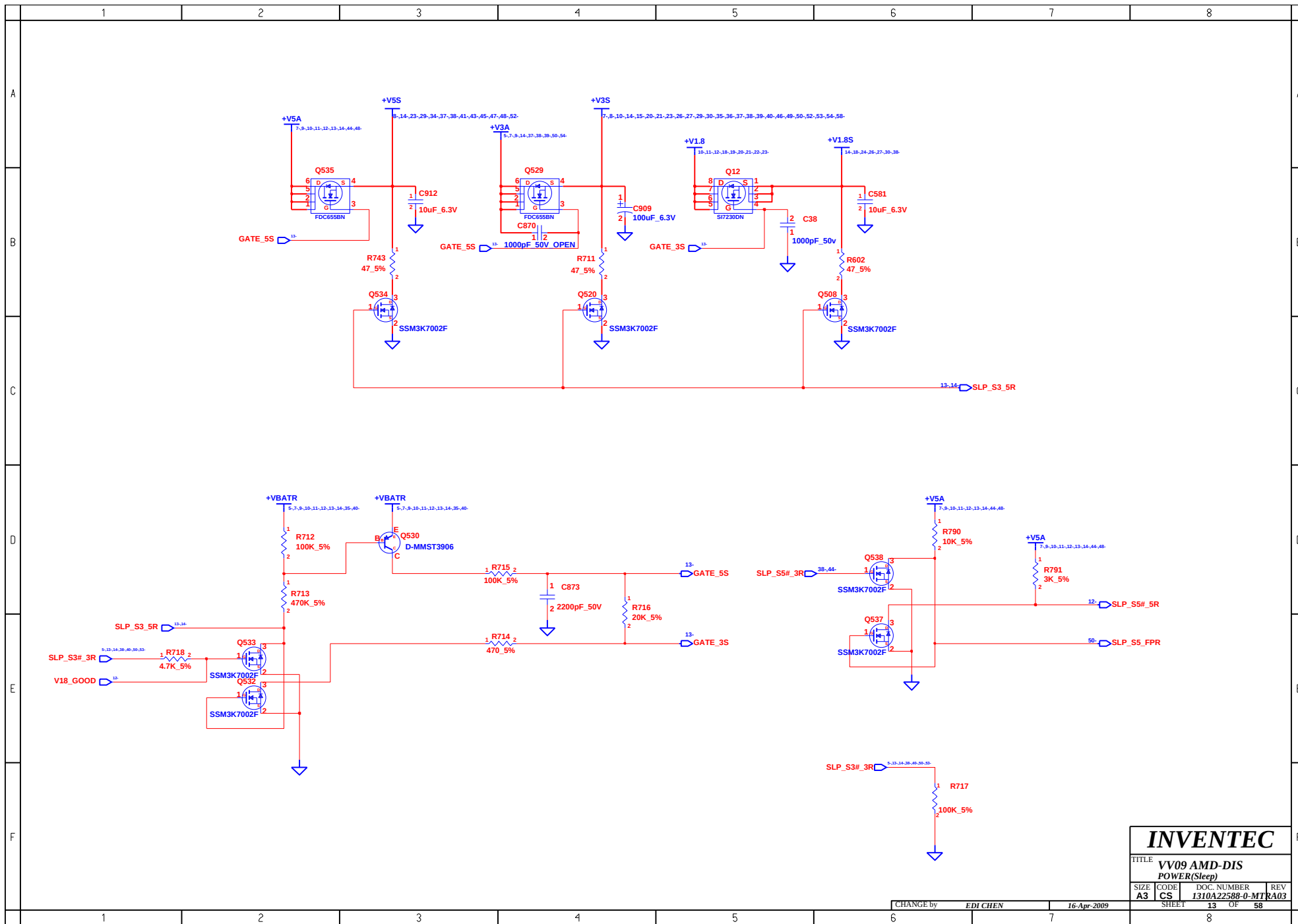


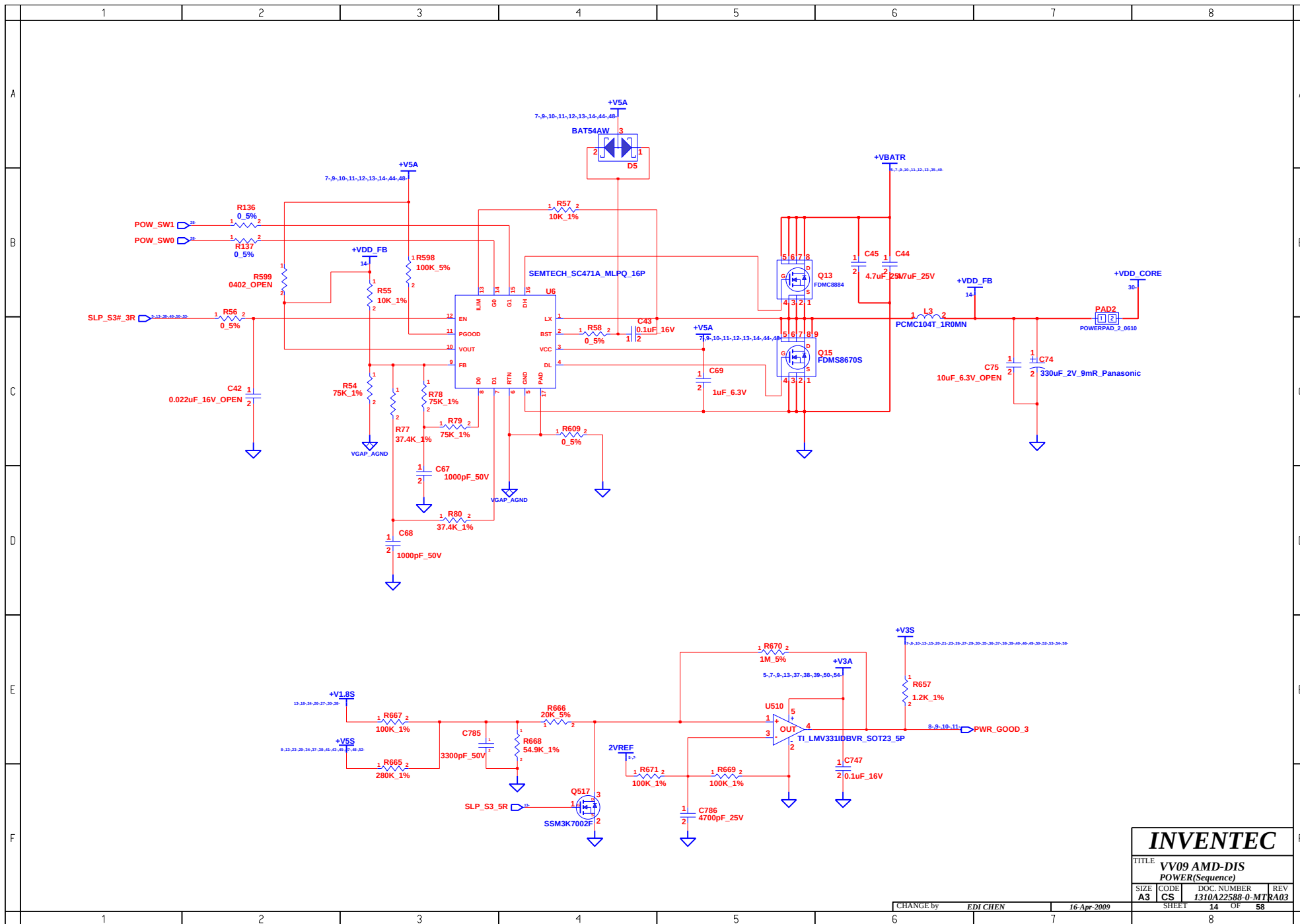
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SIZE A3	CODE CS	DOC. NUMBER 1310A22588-0-MT	REV RA03
CHANGE by EDI CHEN		16-Apr-2009	
SHEET 11		OF 58	

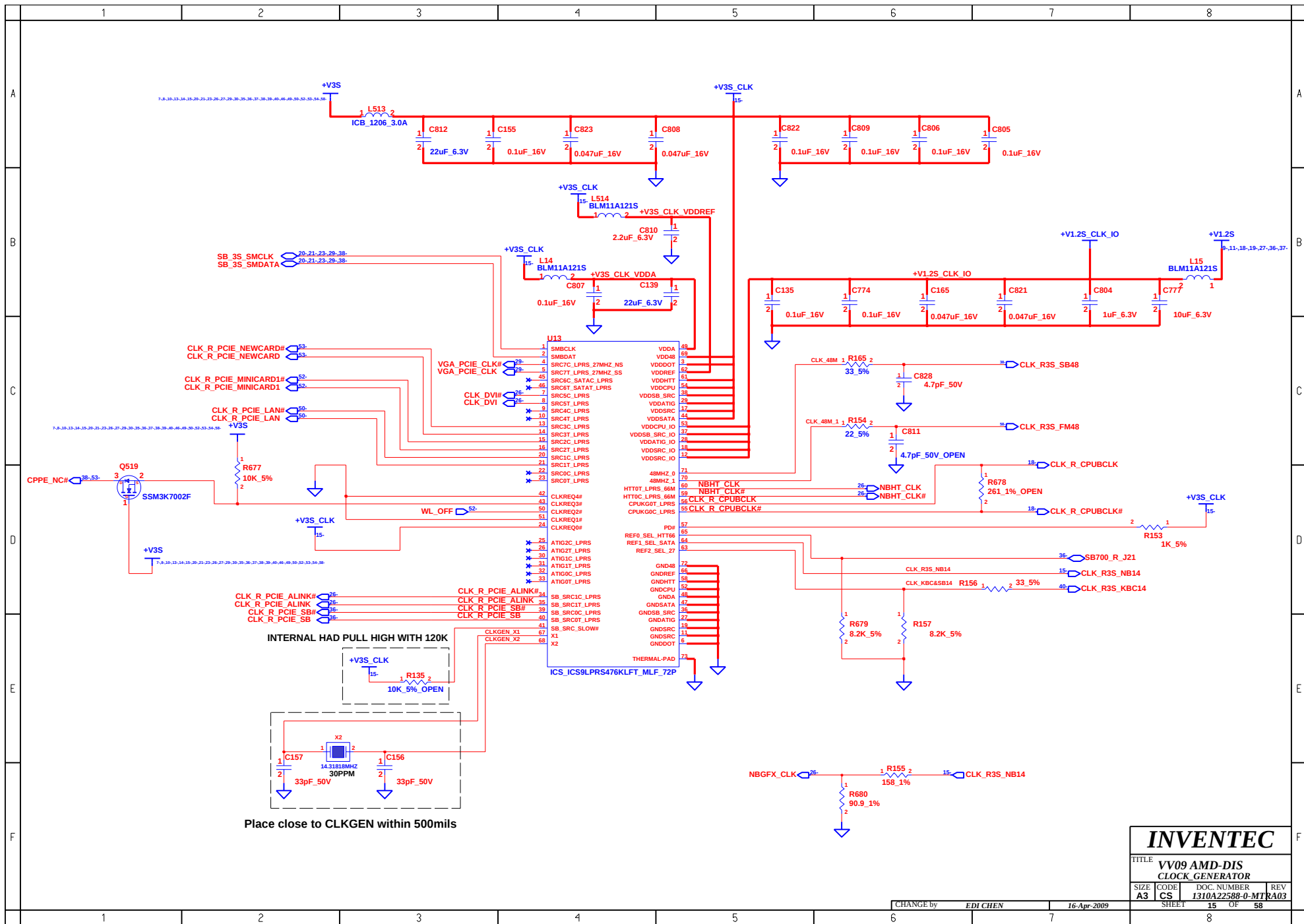


NOTE: DDR2 REGULATOR

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TITLE VV09 AMD-DIS DDR2 POWER			
SIZE A3	CODE CS	DOC. NUMBER I310A22588-0-MTR	REV RA03
CHANGE by EDI CHEN		16-Apr-2009	
SHEET 12		OF 58	







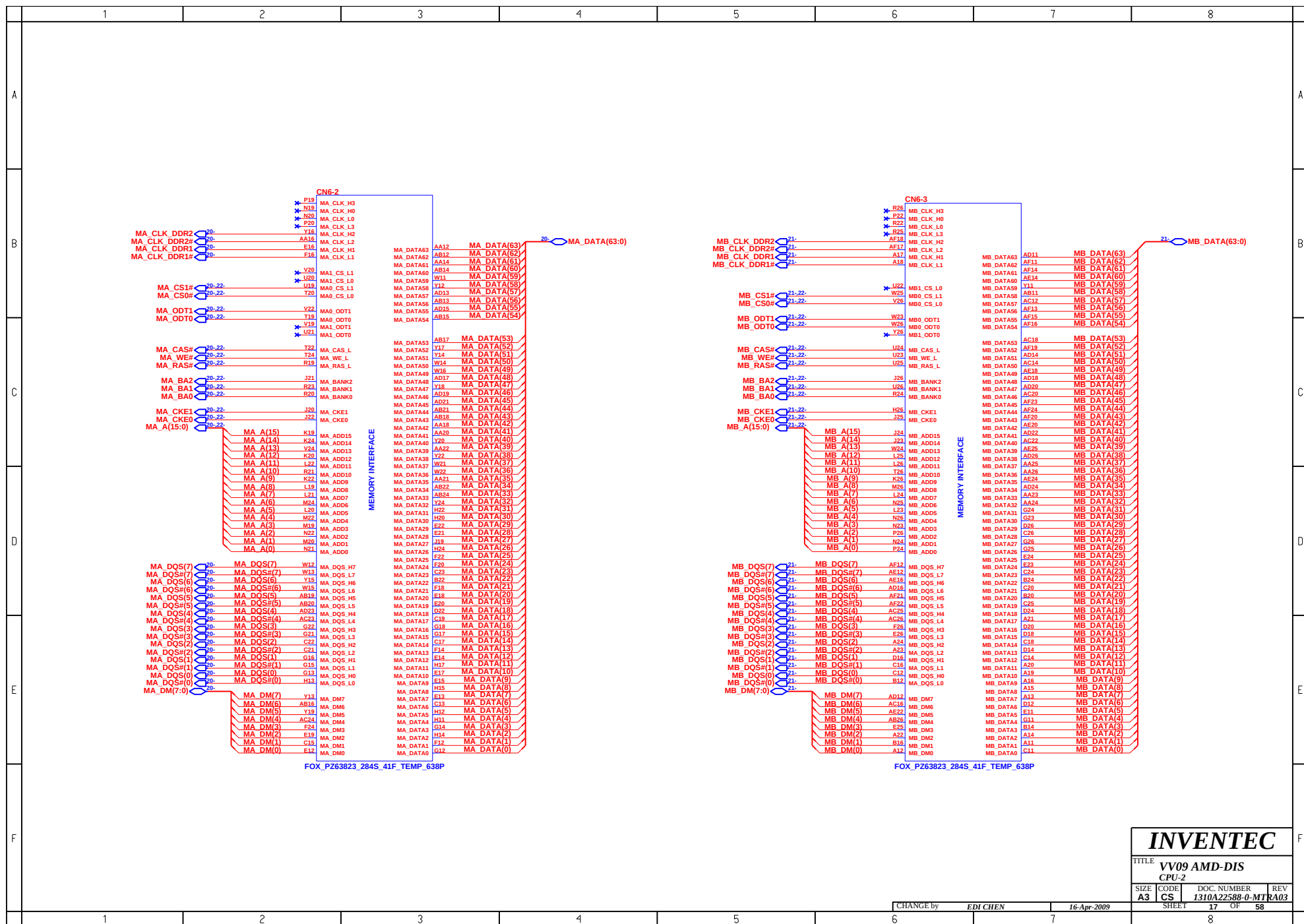
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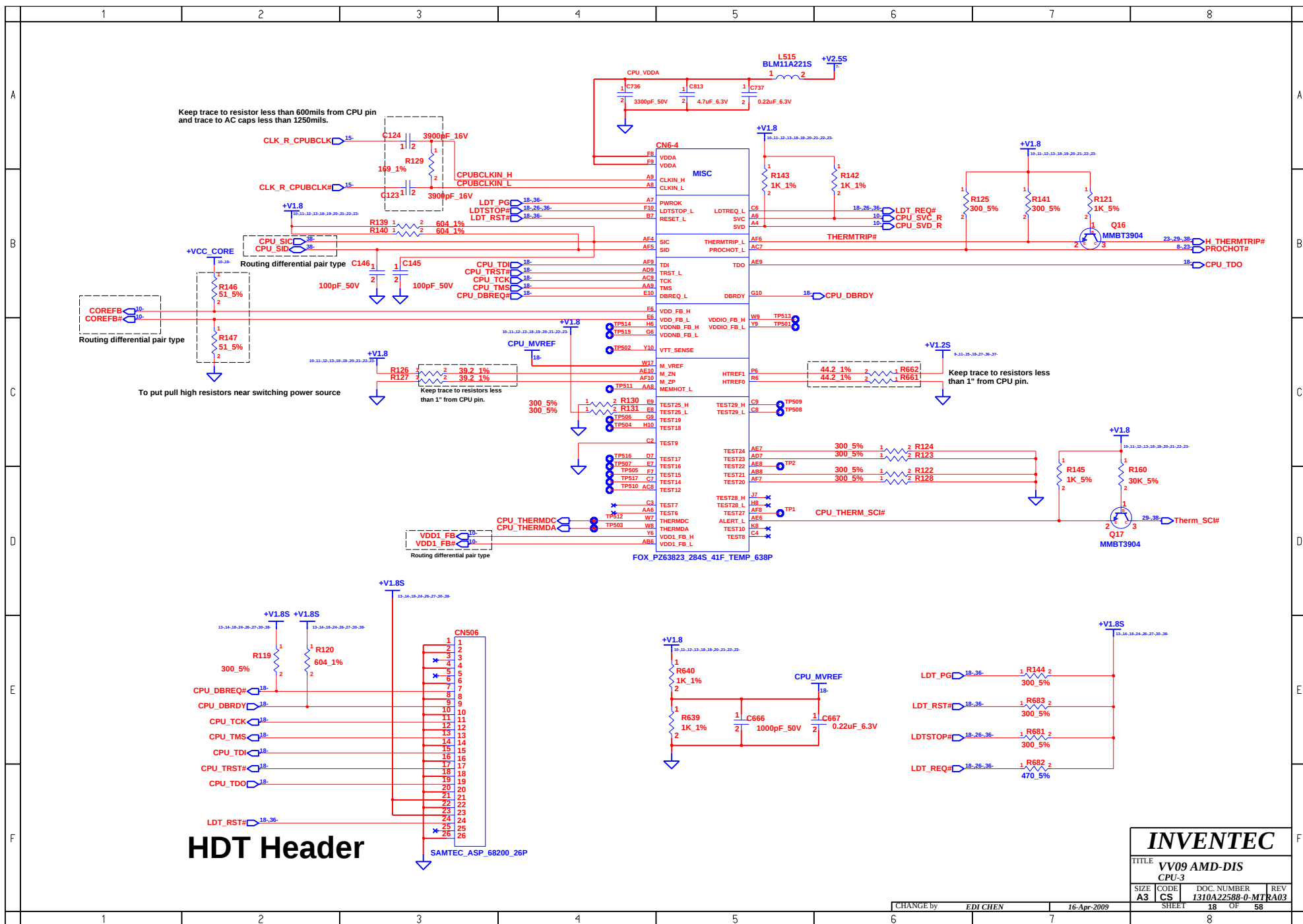
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**VV09 AMD-DIS
CLOCK GENERATOR**

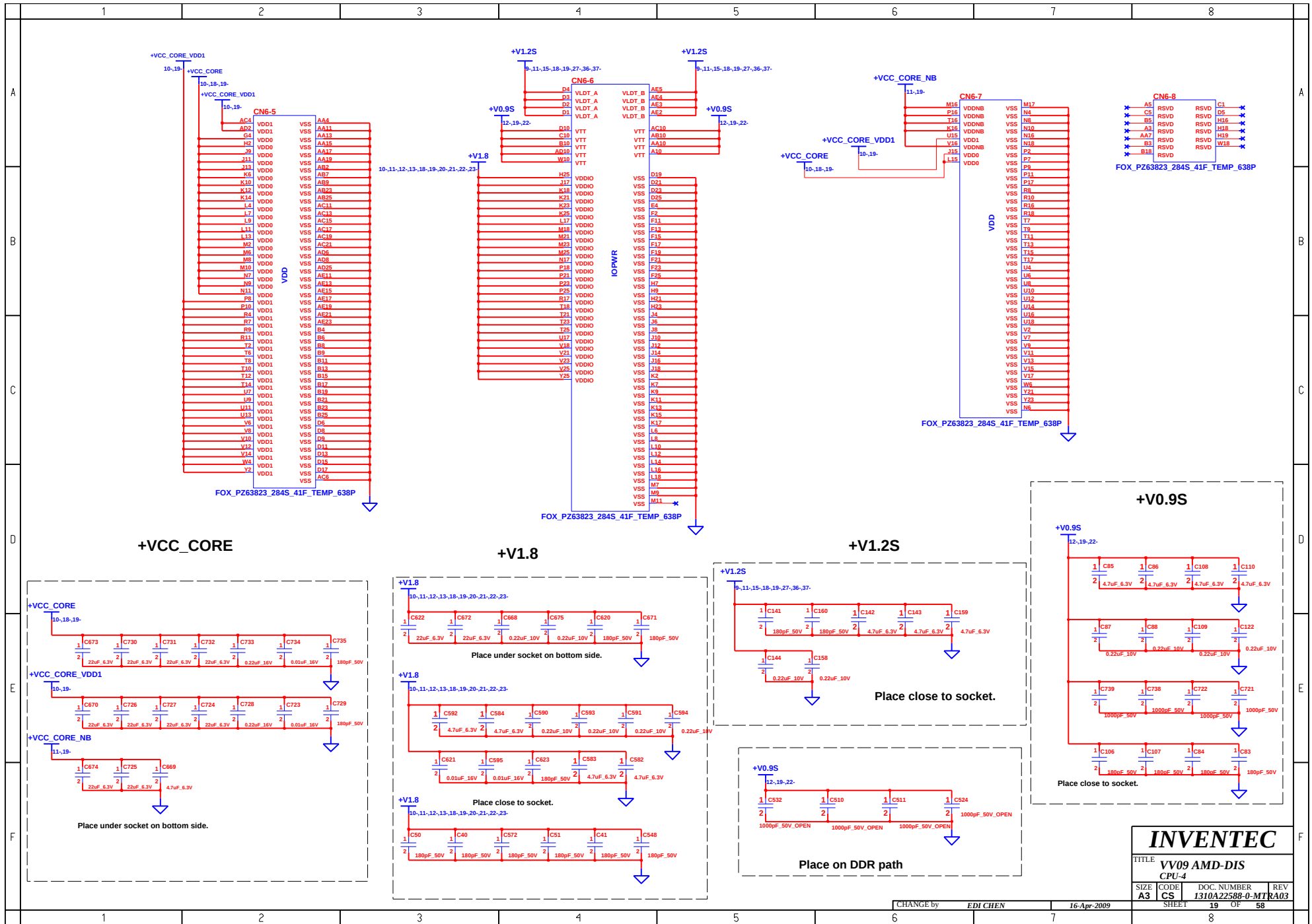
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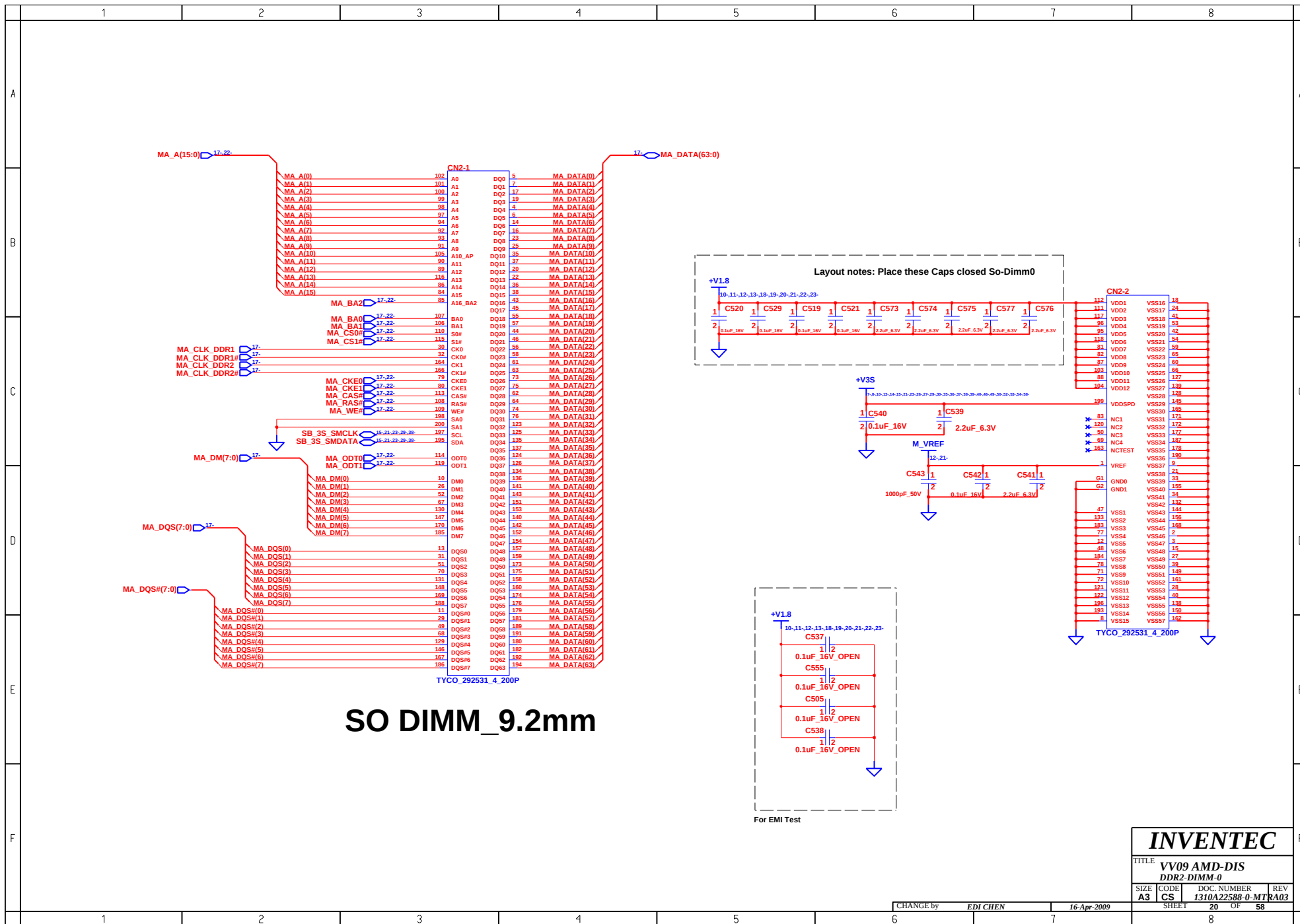
CHANGE by **EDI CHEN** 16-Apr-2009

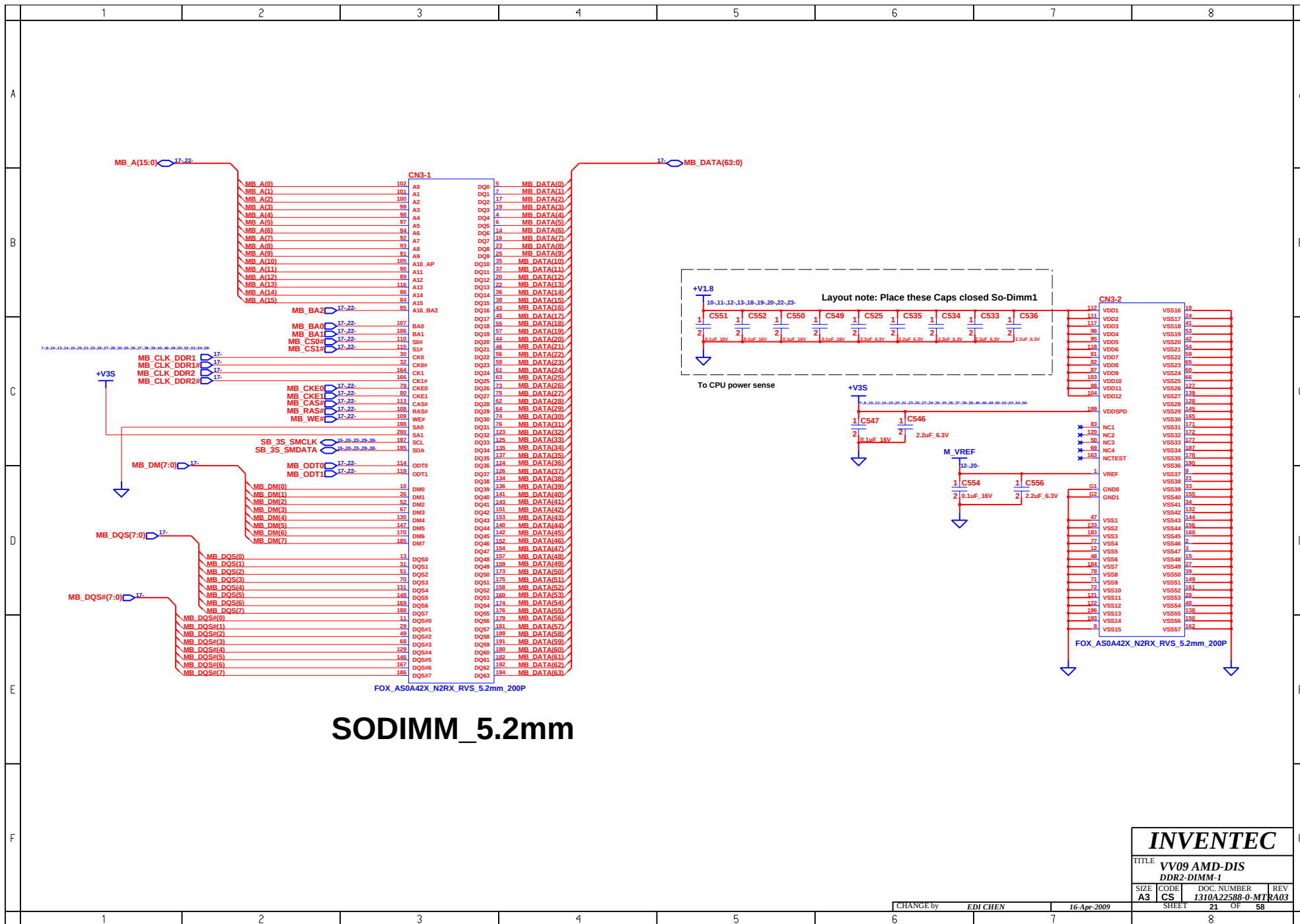
SHEET 15 OF 58

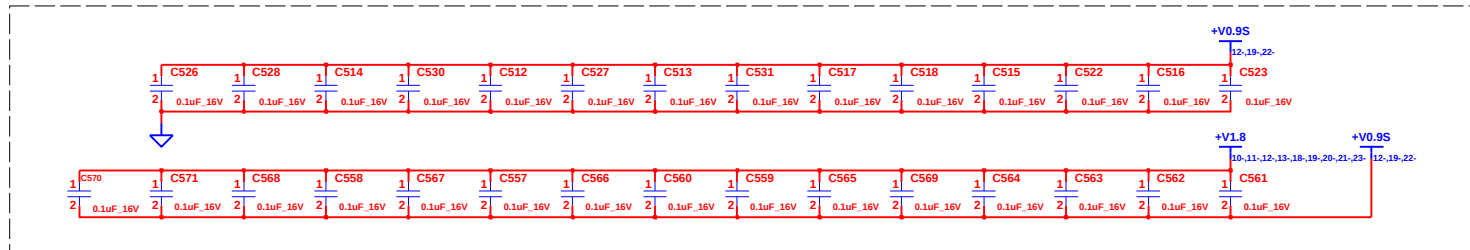




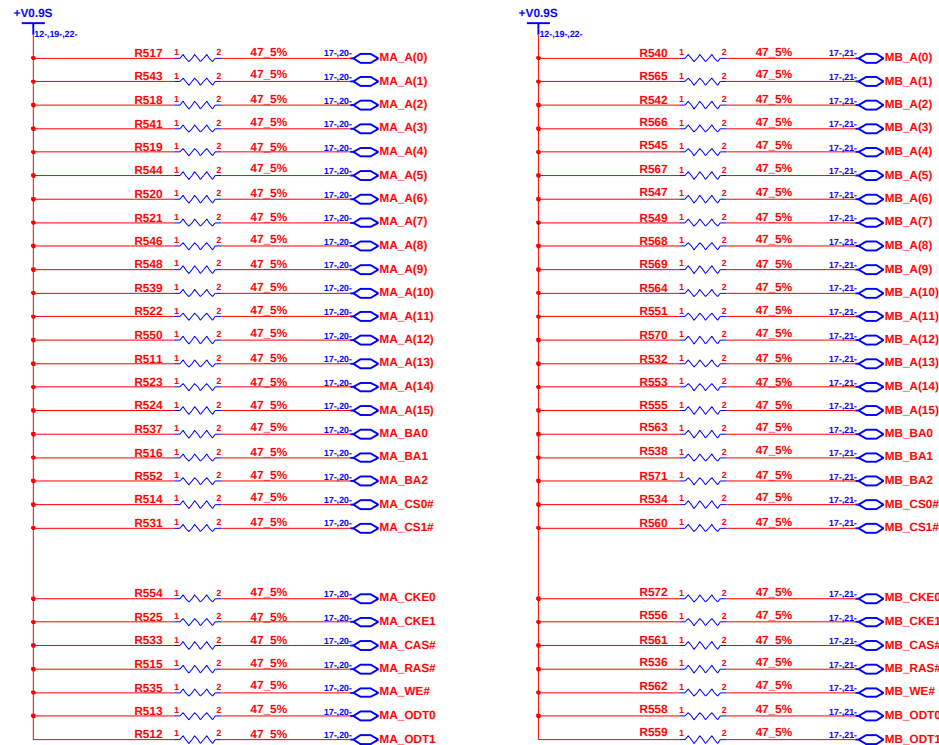






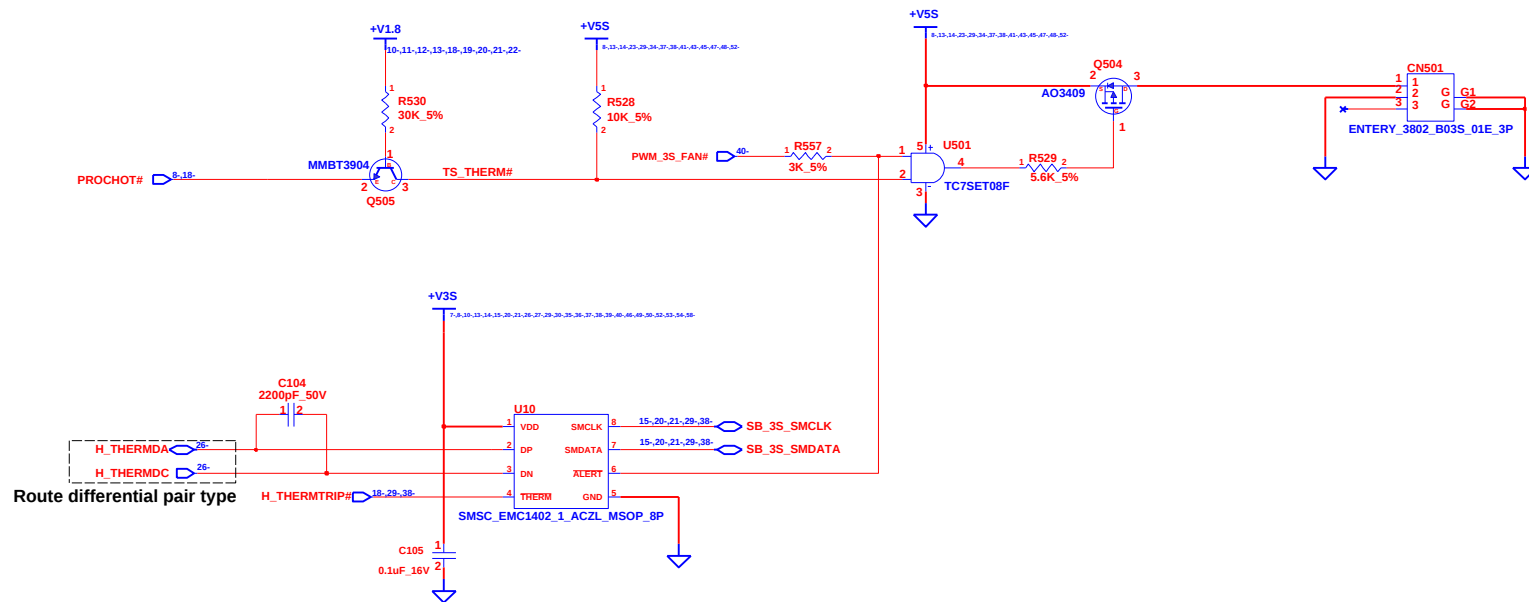


Place CAPs close to DIMM



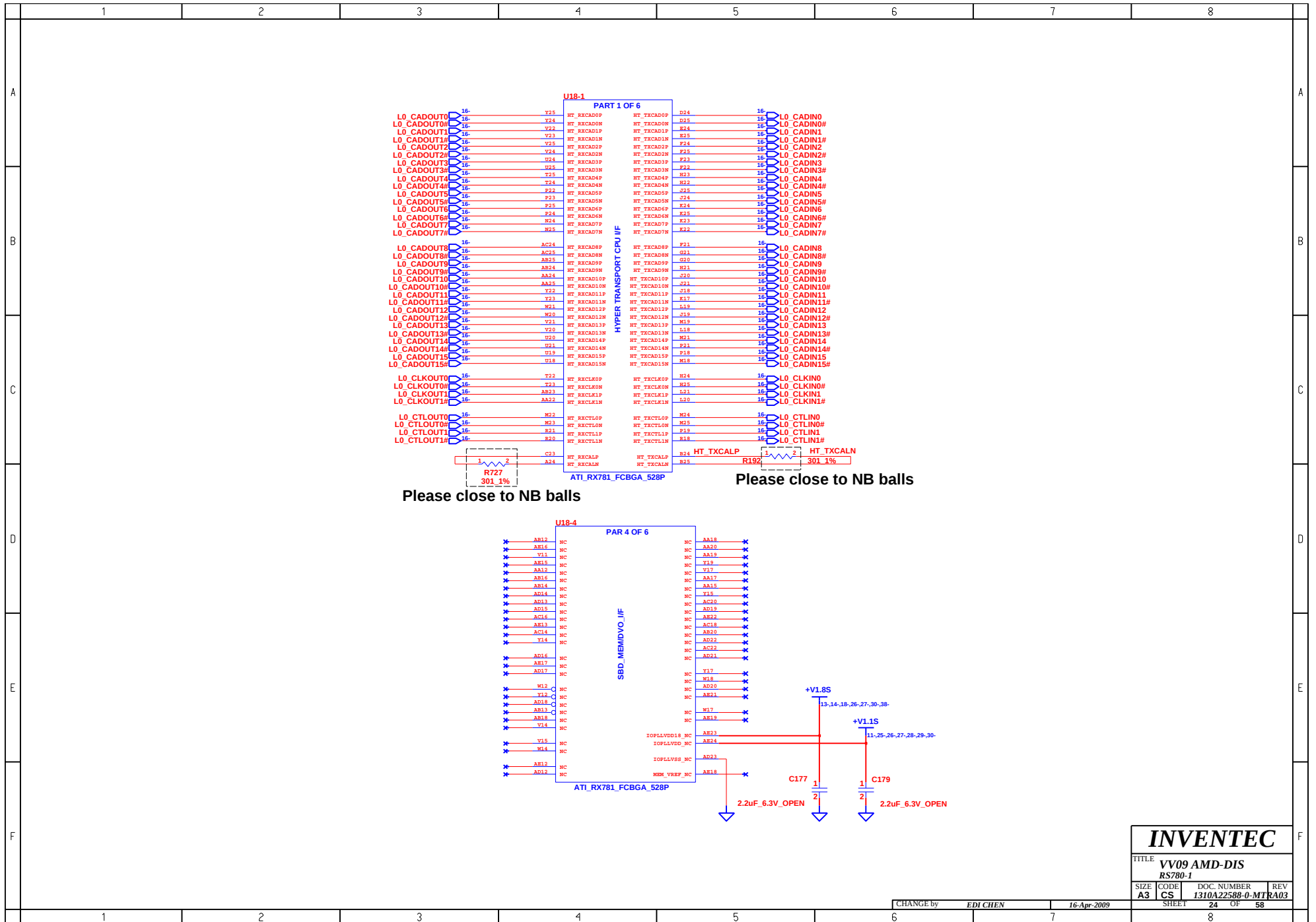
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TITLE			
VV09 AMD-DIS			
DDR2-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A22588-0-MT	RA03
SHEET		22	OF 58

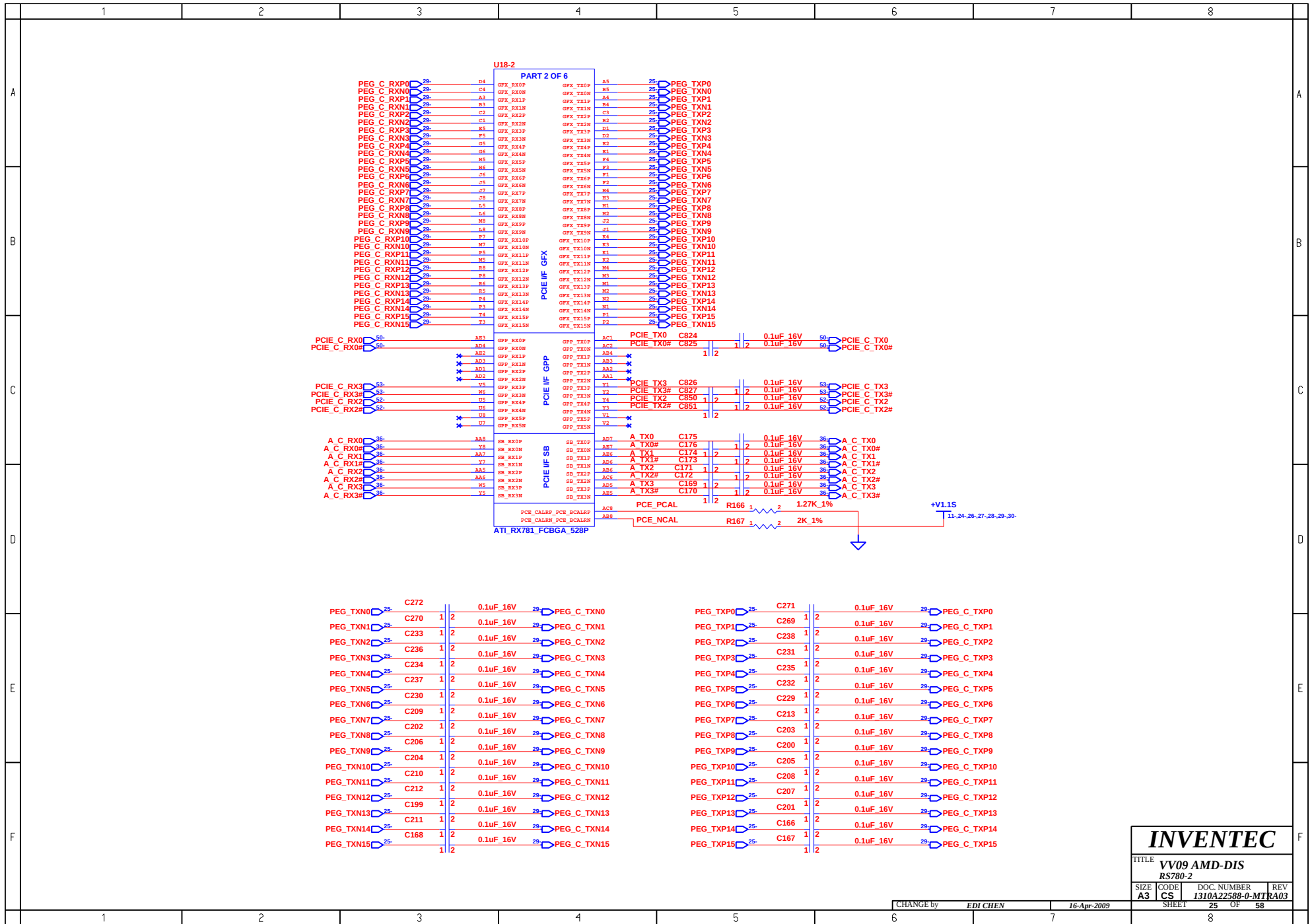
CHANGE by EDI CHEN 16-Apr-2009



LAYOUT Note: Put the thermal sensor close to CPU.

INVENTEC			
TITLE			
VV09 AMD-DIS			
THERMAL & FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AZ2588-0-MT	RA03
CHANGE by		EDI CHEN	16-Apr-2009
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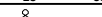
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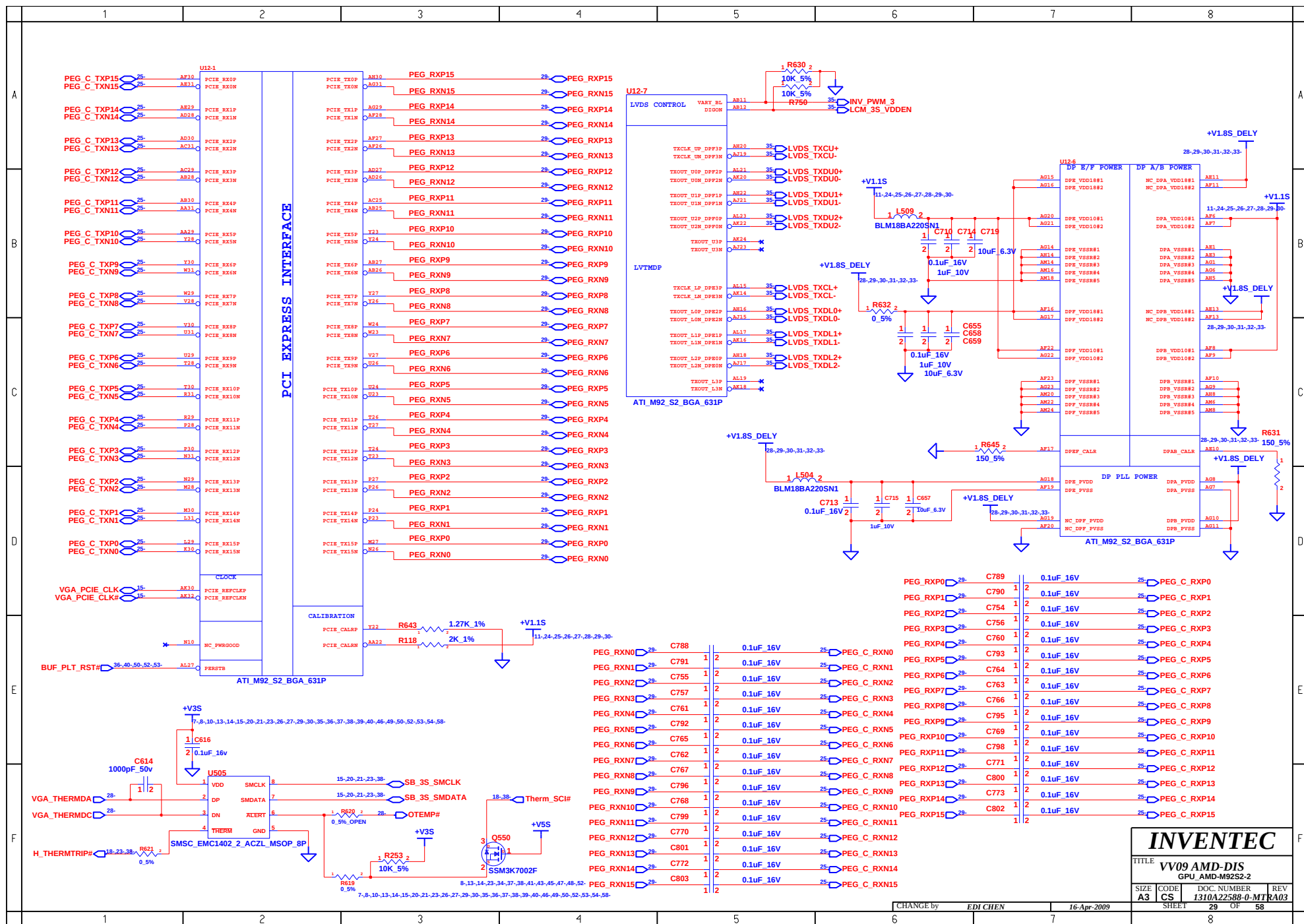
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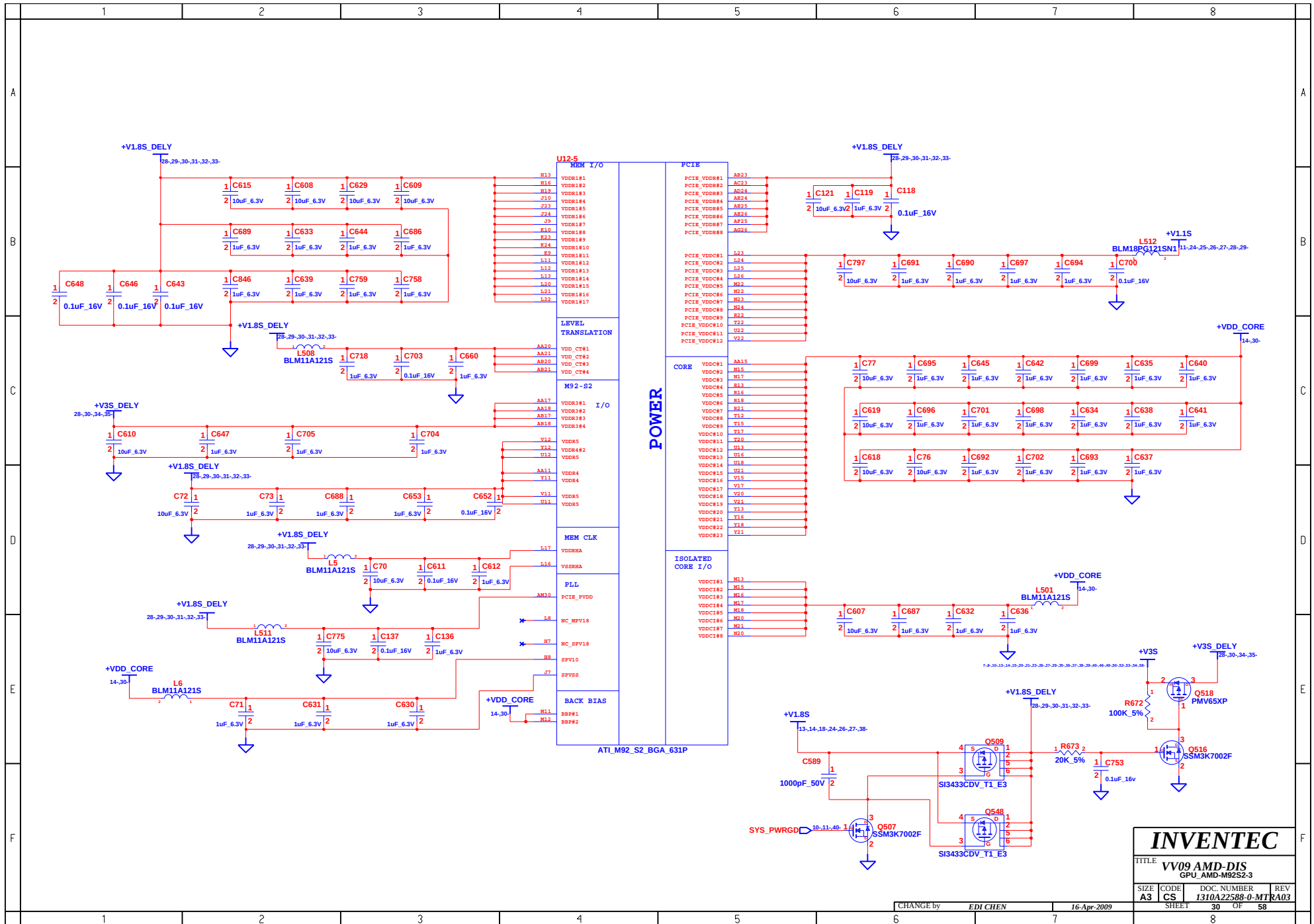
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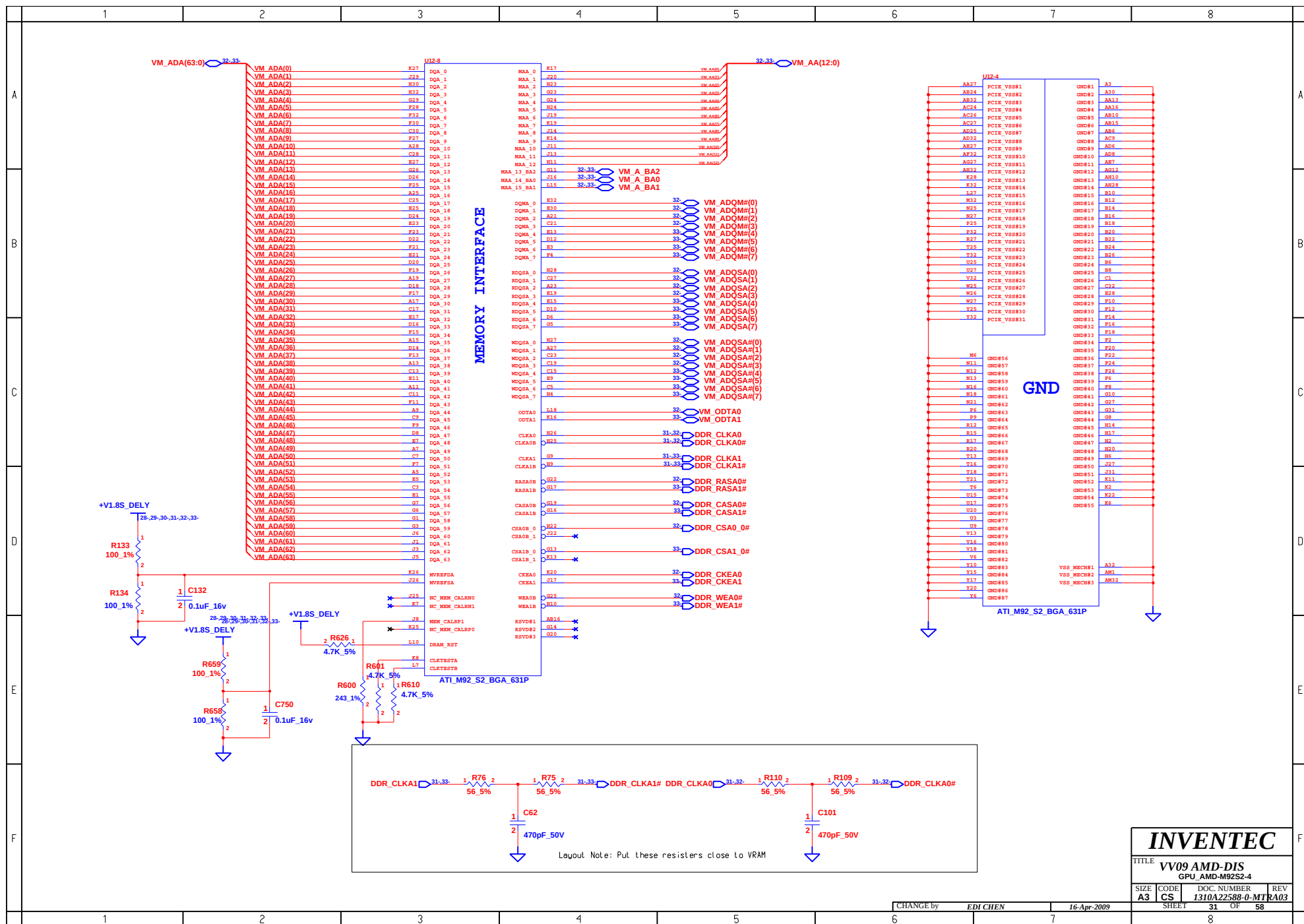
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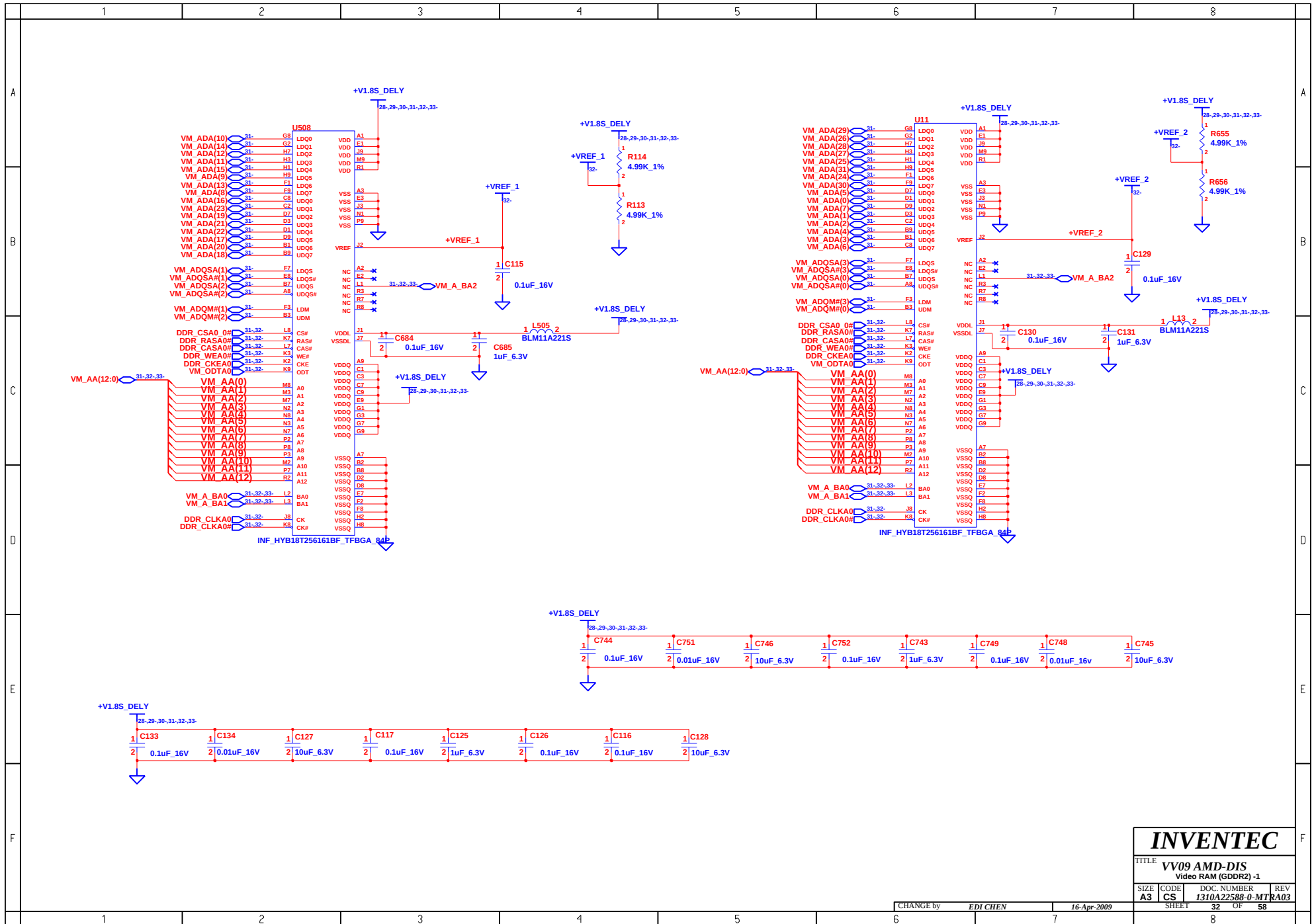
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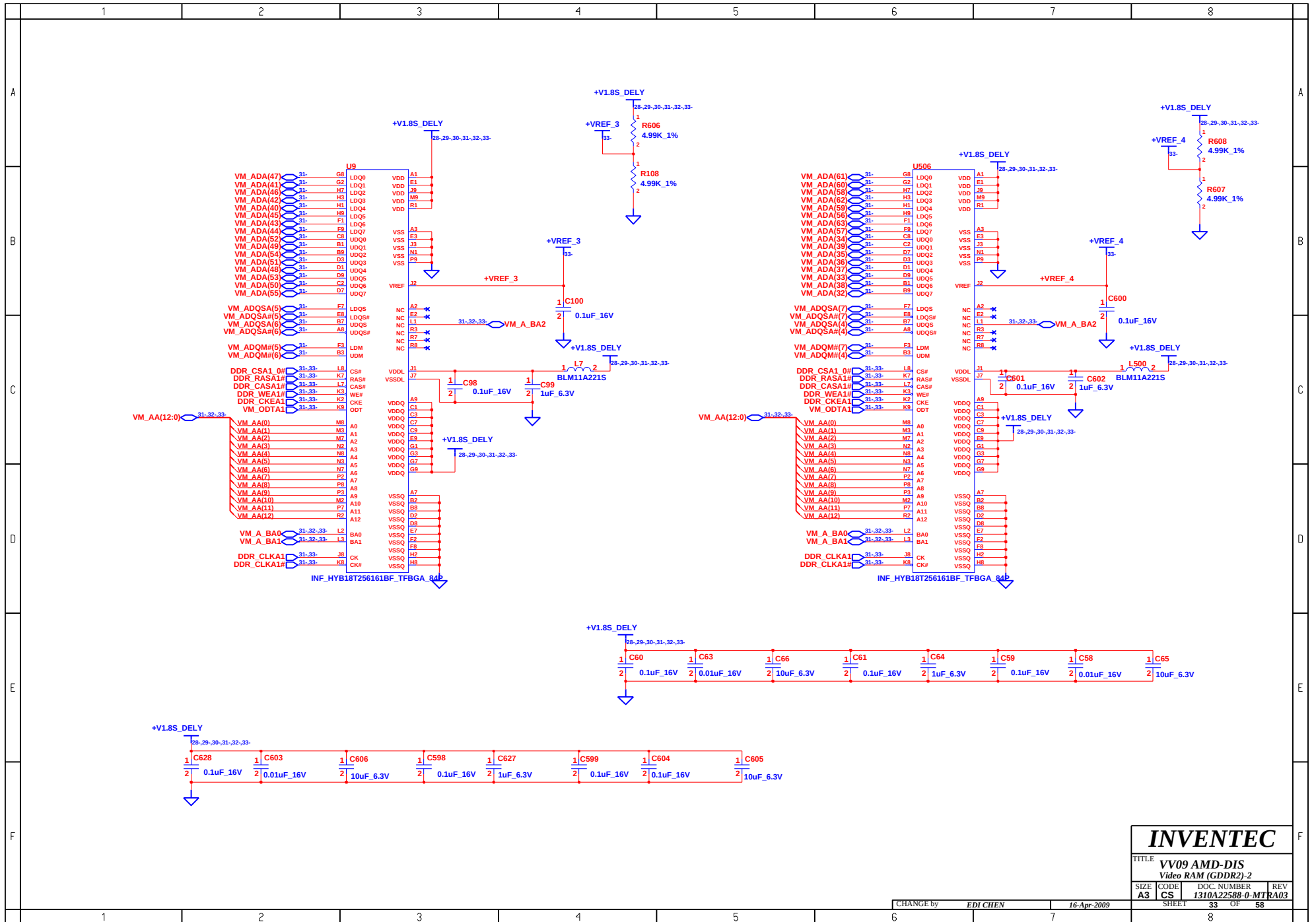












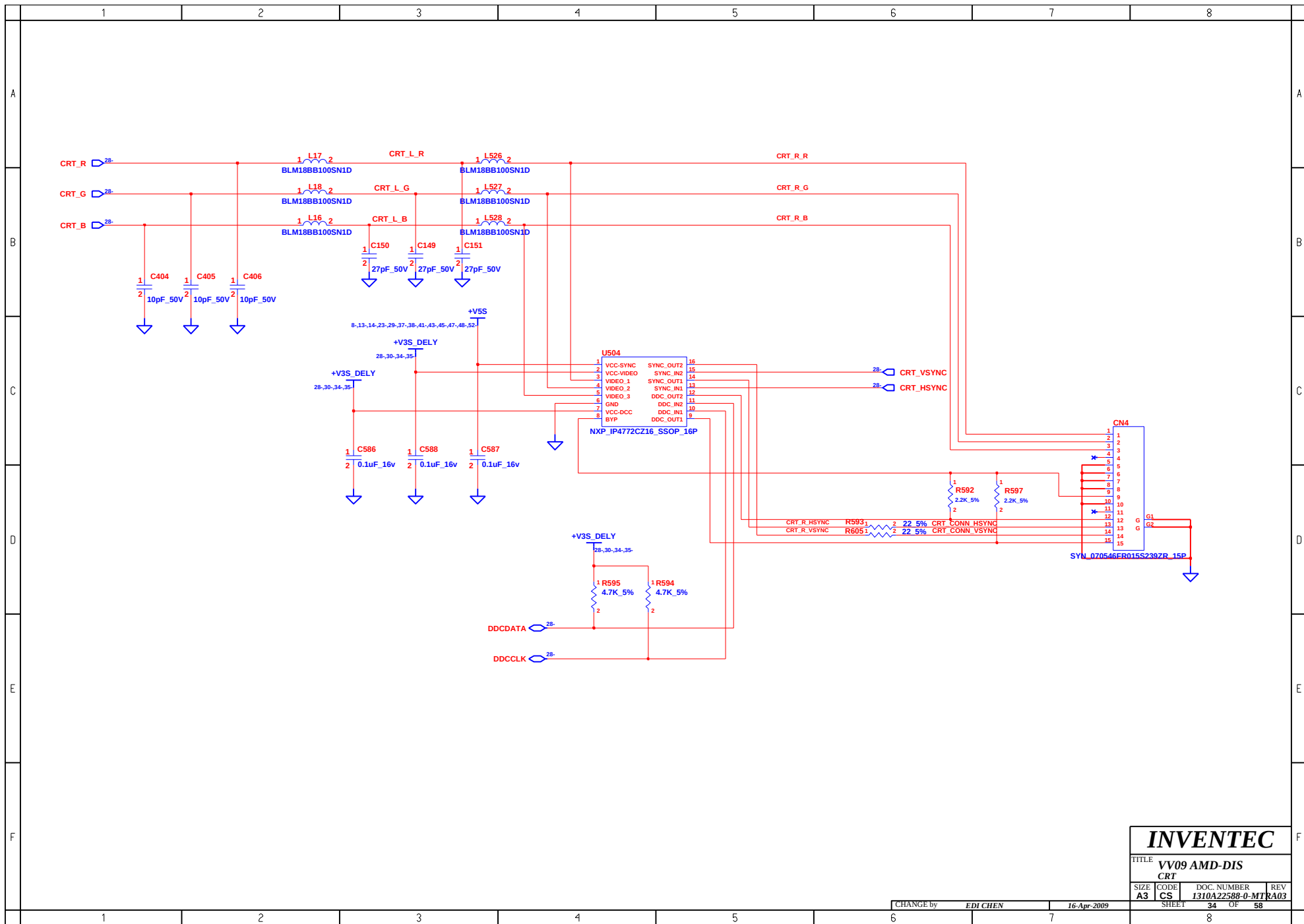
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TITLE
VV09 AMD-DIS
Video RAM (GDDR2)-2

SIZE A3	CODE CS	DOC. NUMBER I310A22588-0-MT	REV RA03
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CHANGE by EDI CHEN 16-Apr-2009

SHEET 33 OF 58

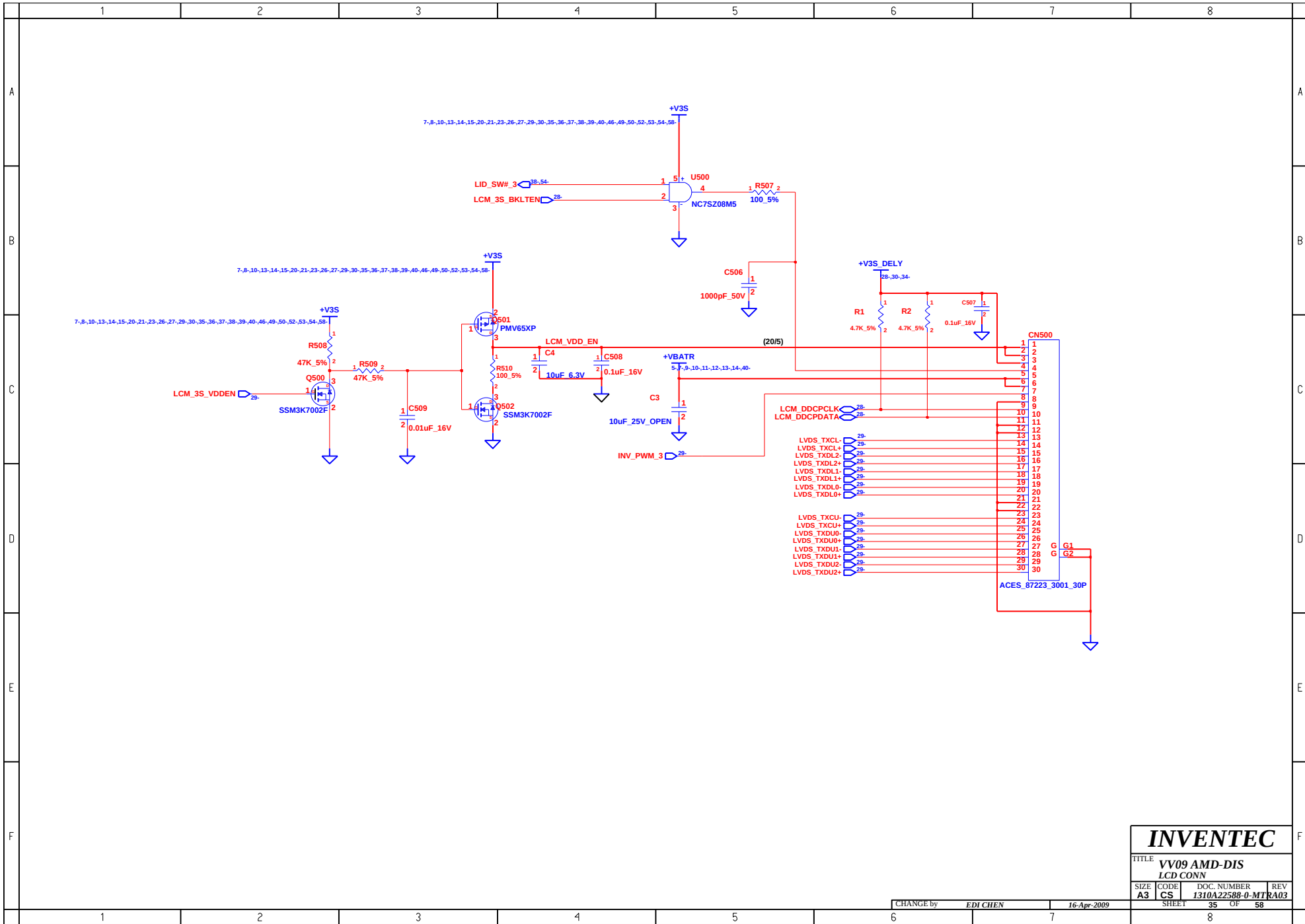


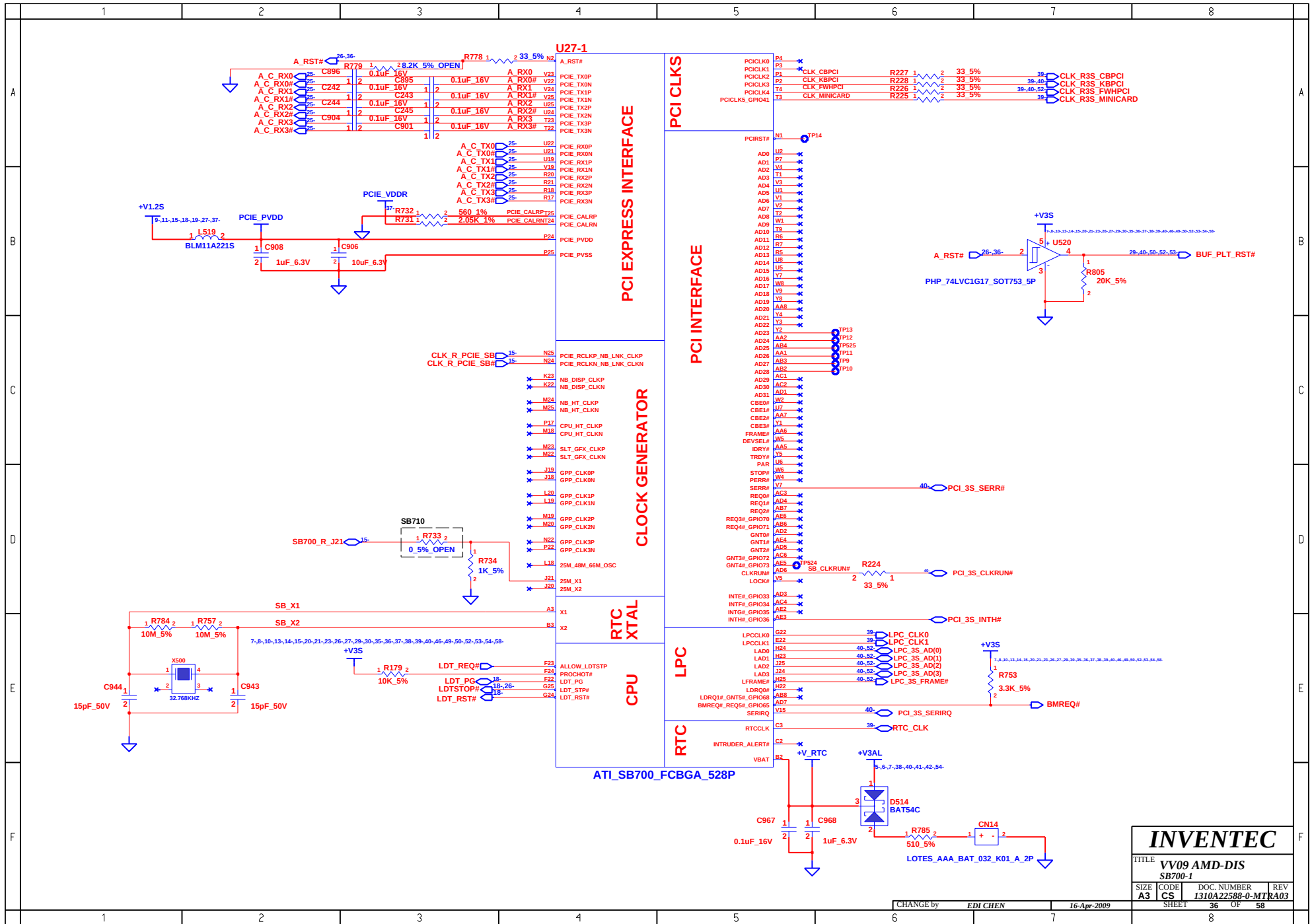
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TITLE			
VV09 AMD-DIS			
CRT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310AZ2588-0-MT	RA03

CHANGE by EDI CHEN 16-Apr-2009

SHEET 34 OF 58

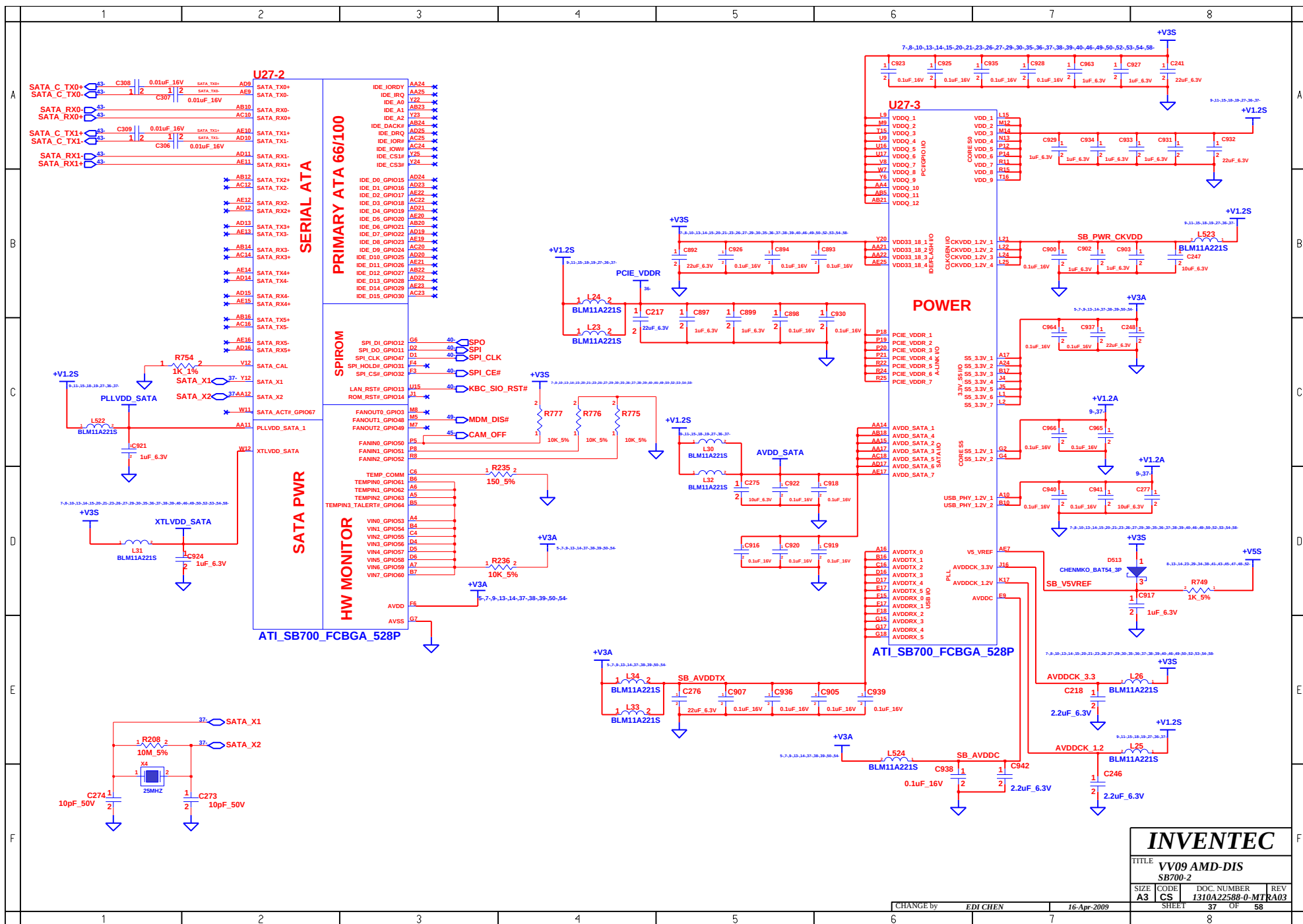


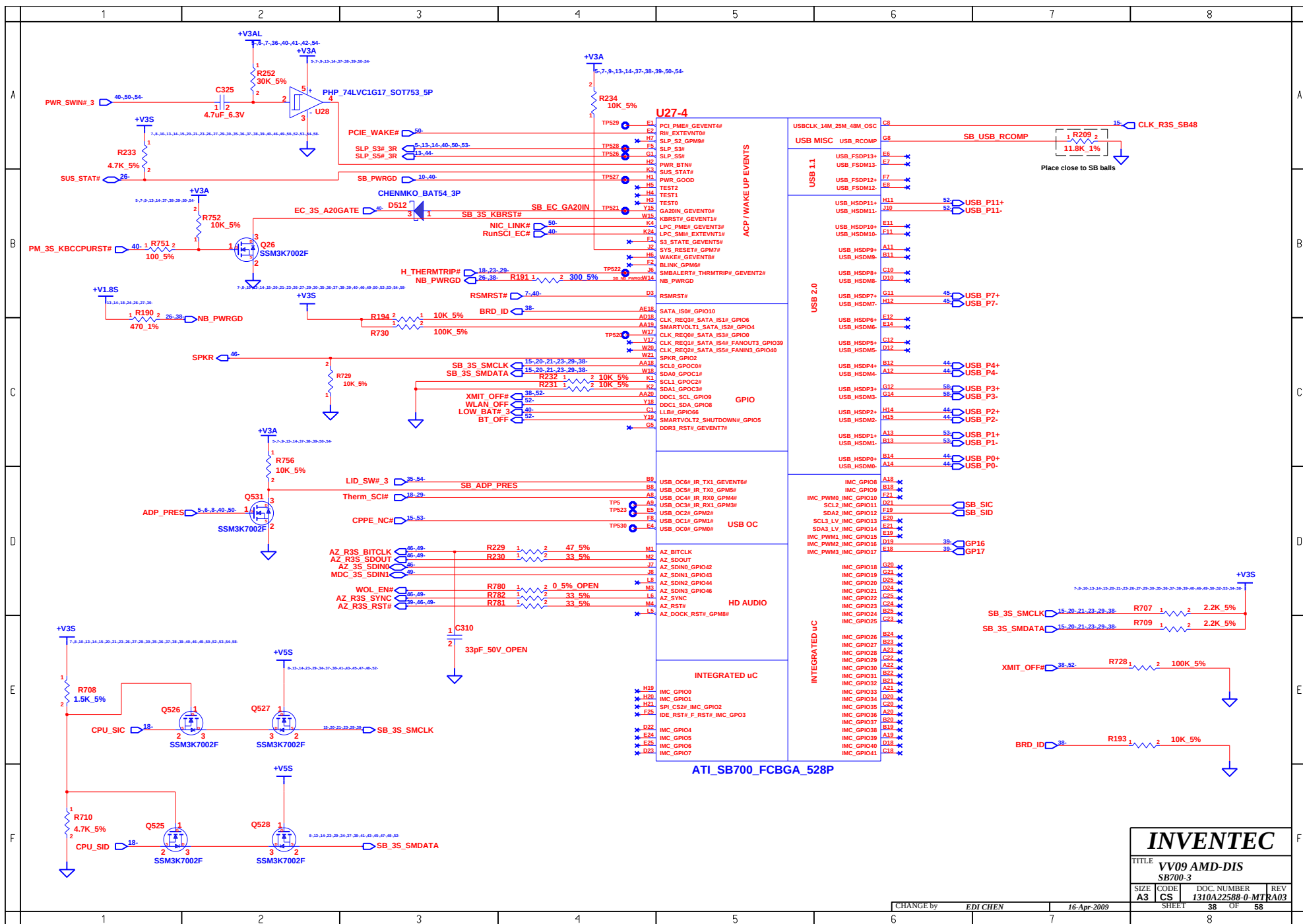


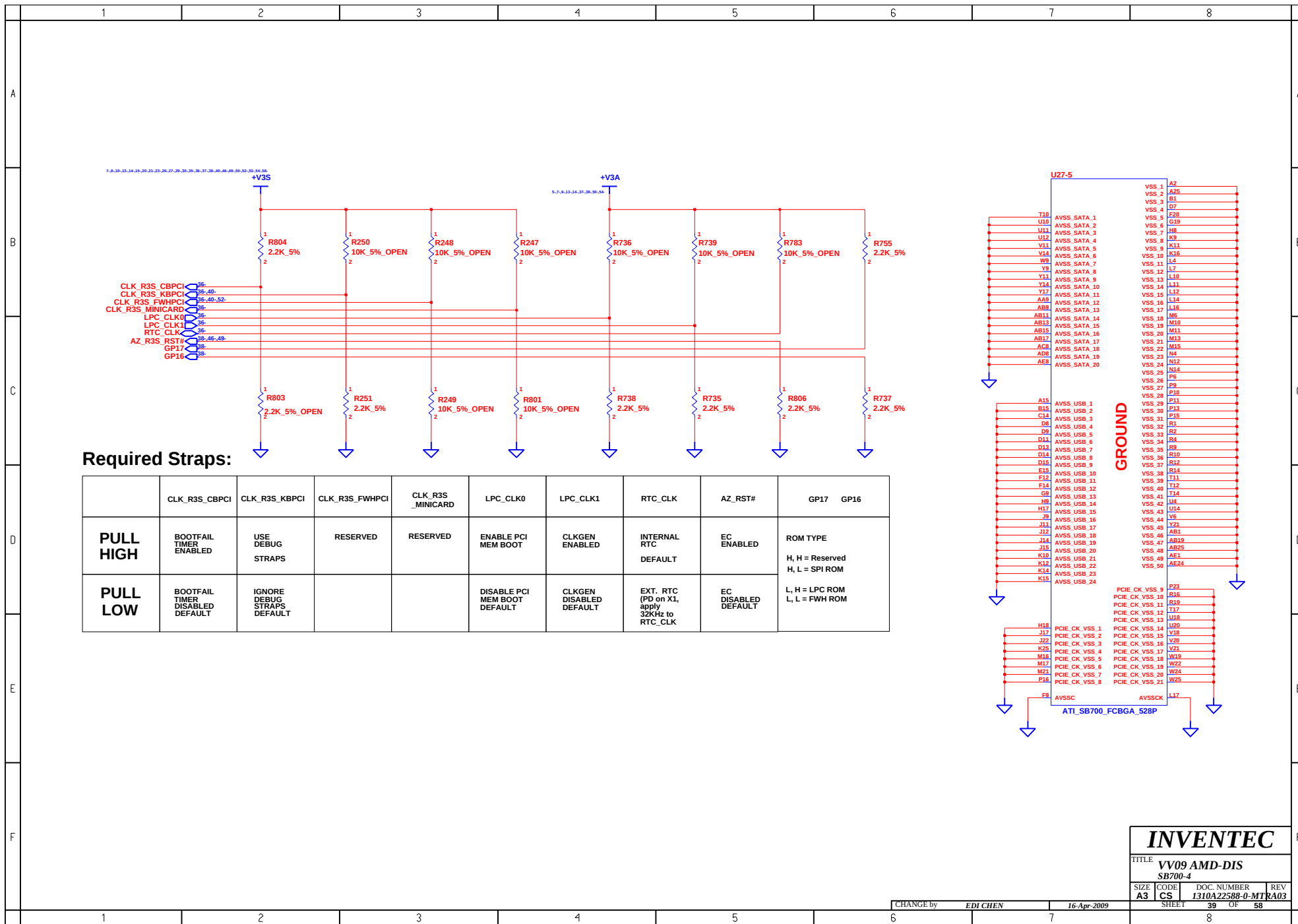
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SHEET 36		OF 58	

CHANGE by EDI CHEN 16-Apr-2009





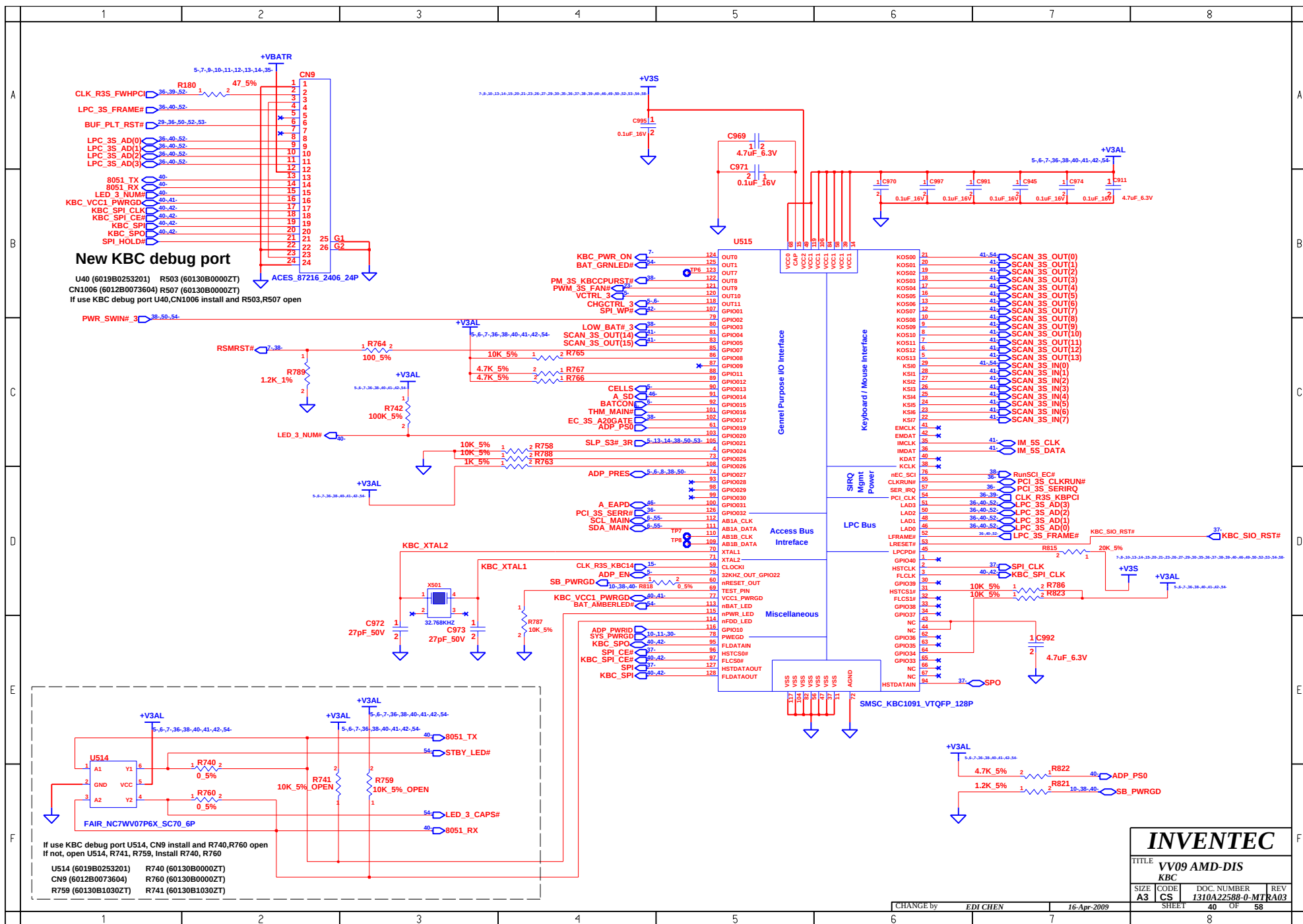


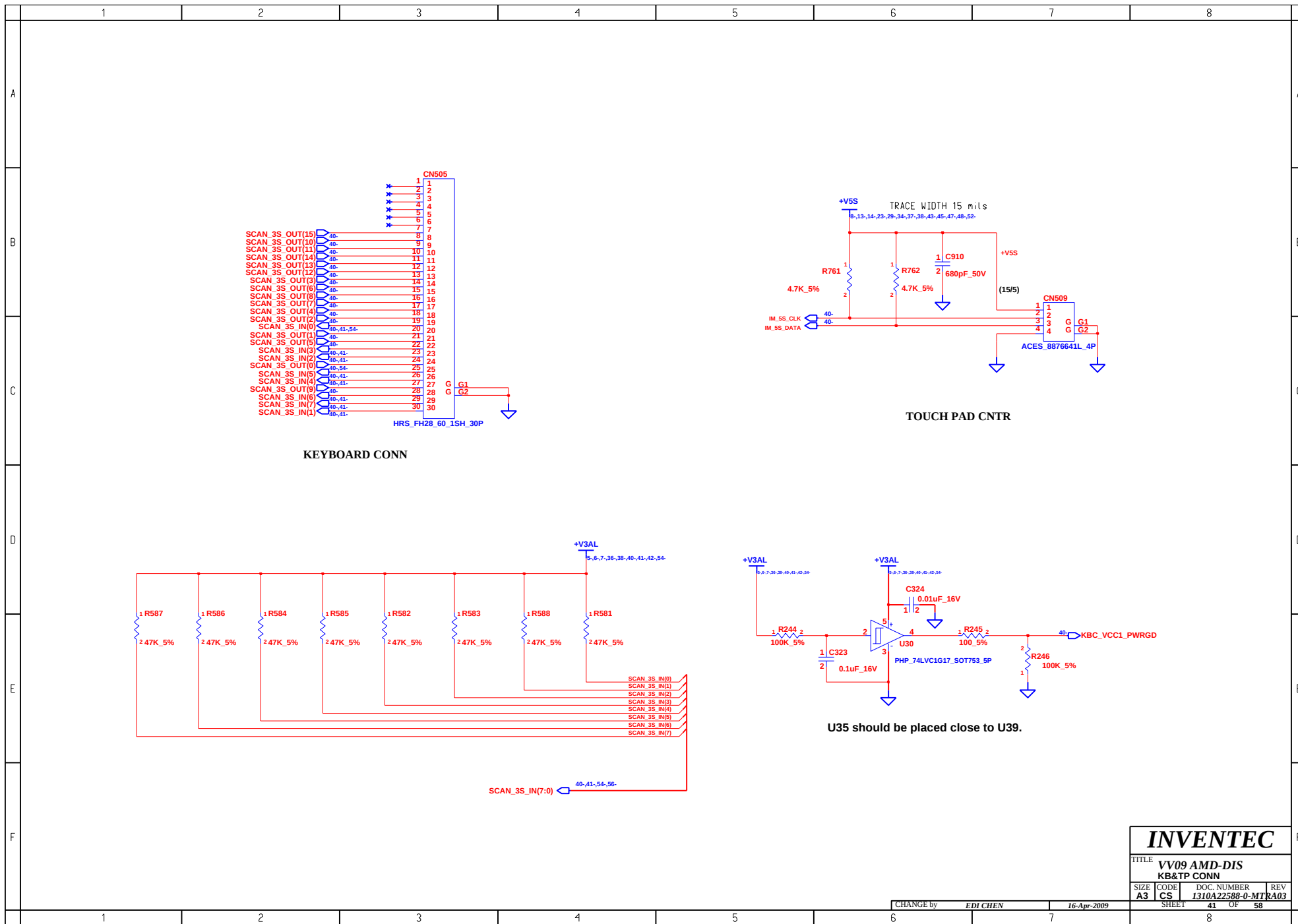
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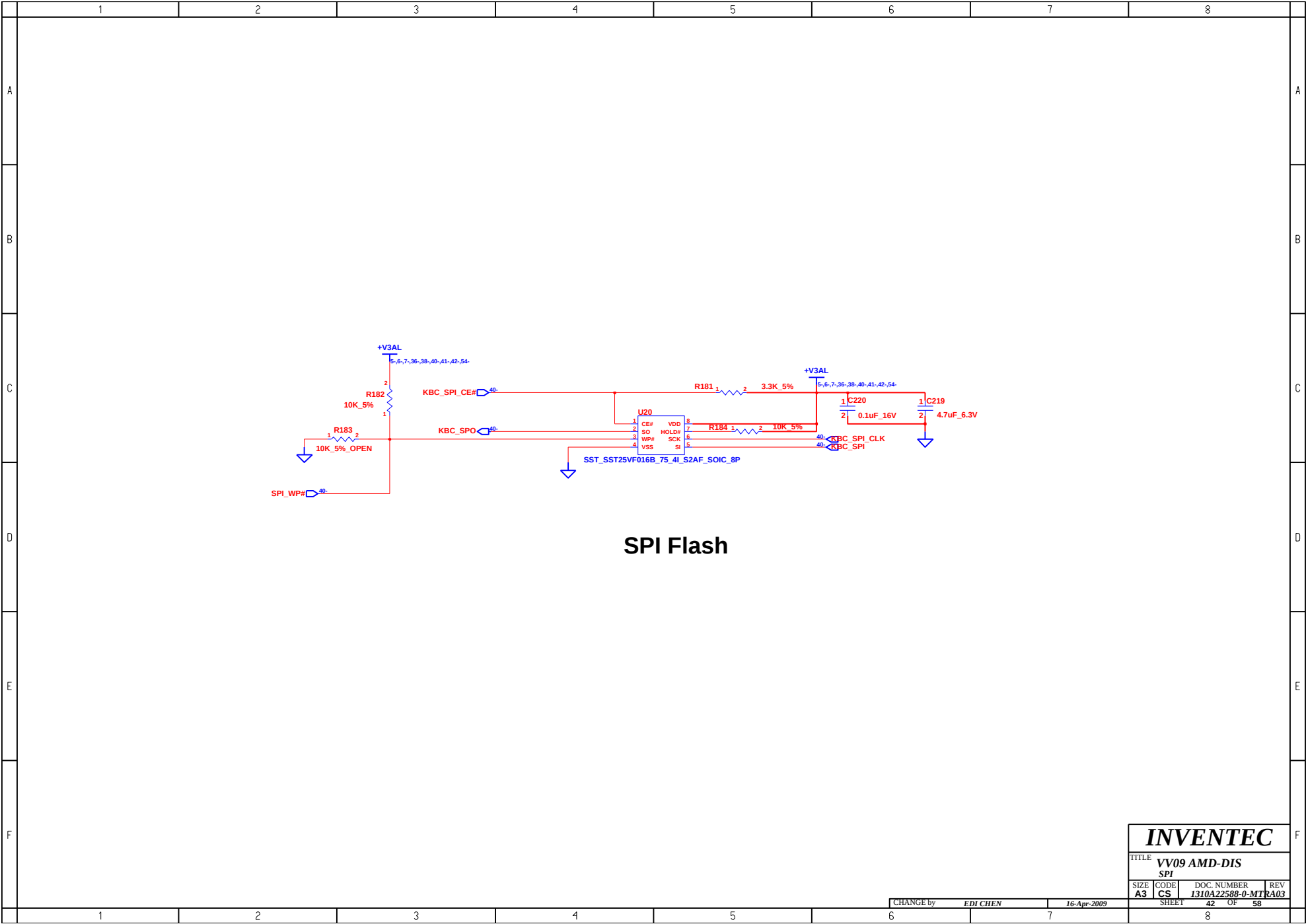
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VV09 AMD-DIS
SB700-4

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SHEET 39		OF 58	

CHANGE by EDI CHEN 16-Apr-2009





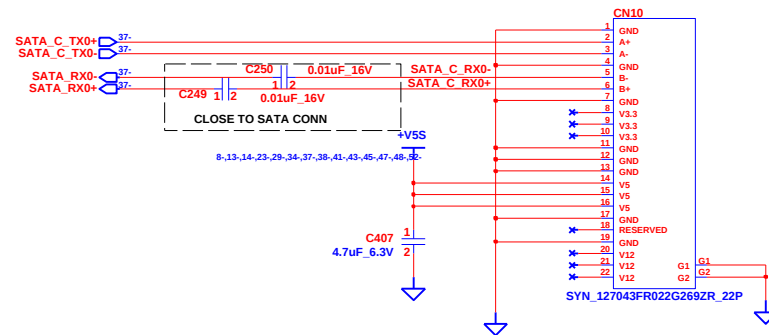


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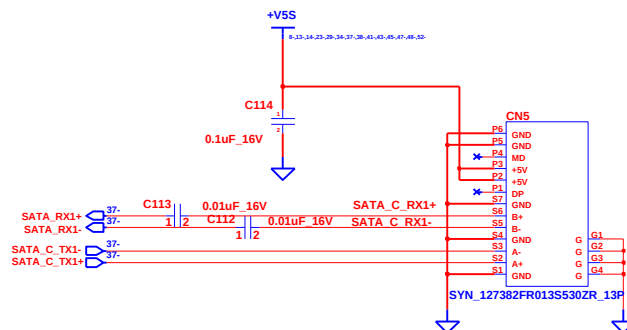
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SPI

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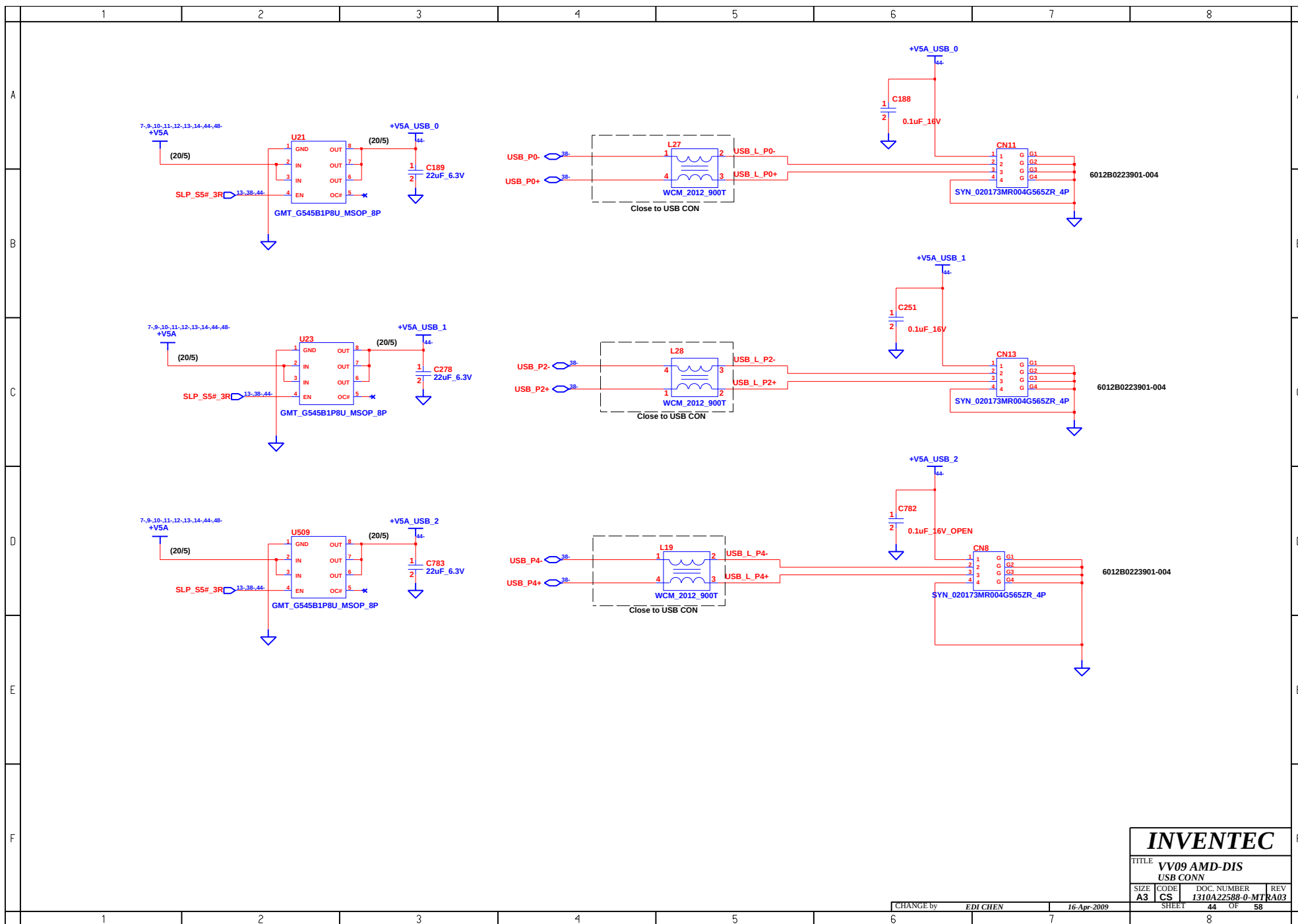


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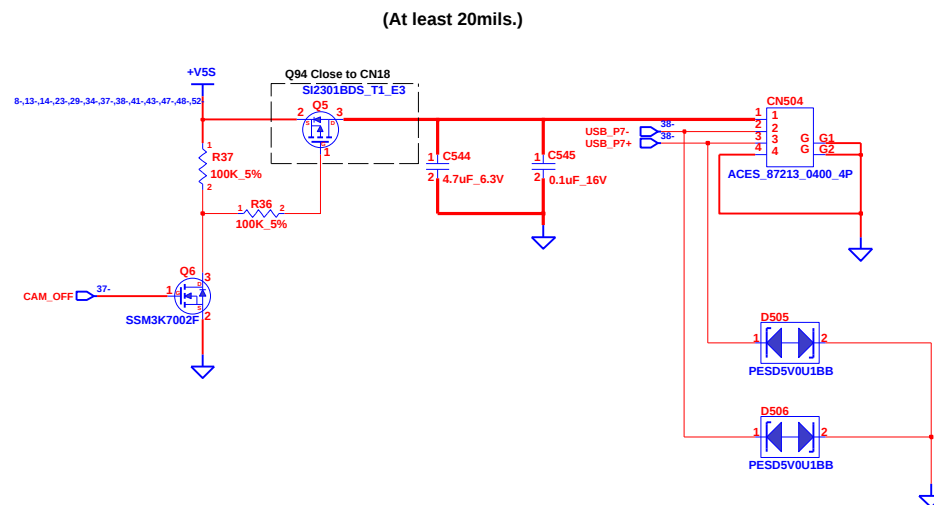


ODD SATA CONNECTOR

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CHANGE by EDI CHEN		16-Apr-2009	SHEET 43 OF 58

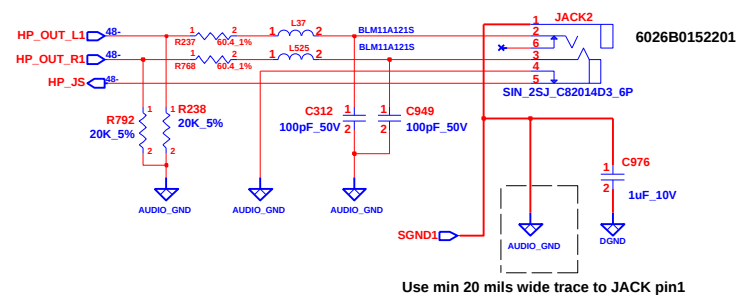
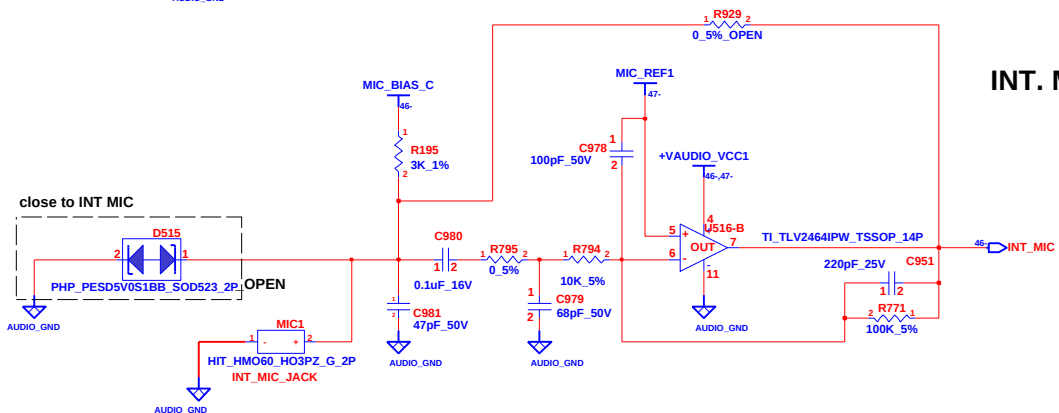
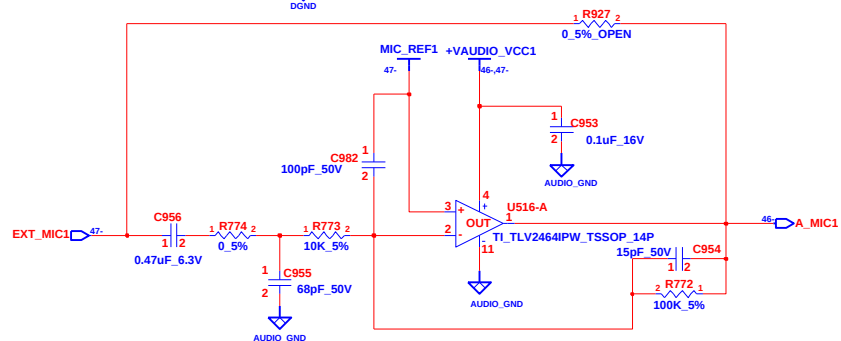
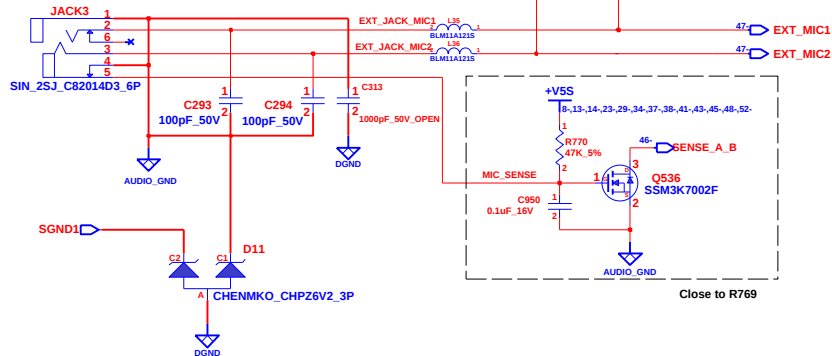


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SHEET 44		OF 58	

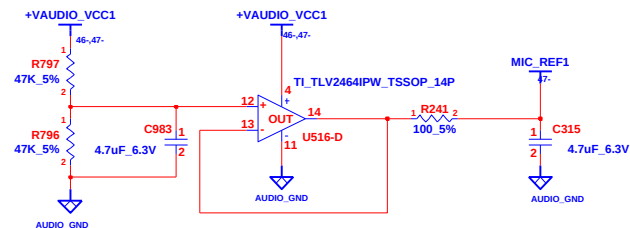
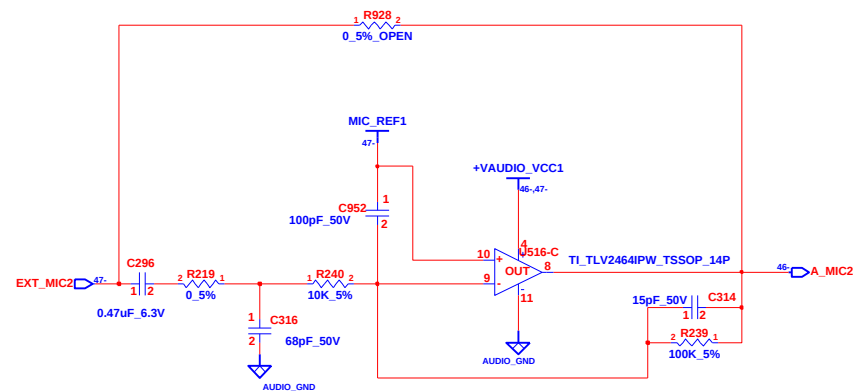


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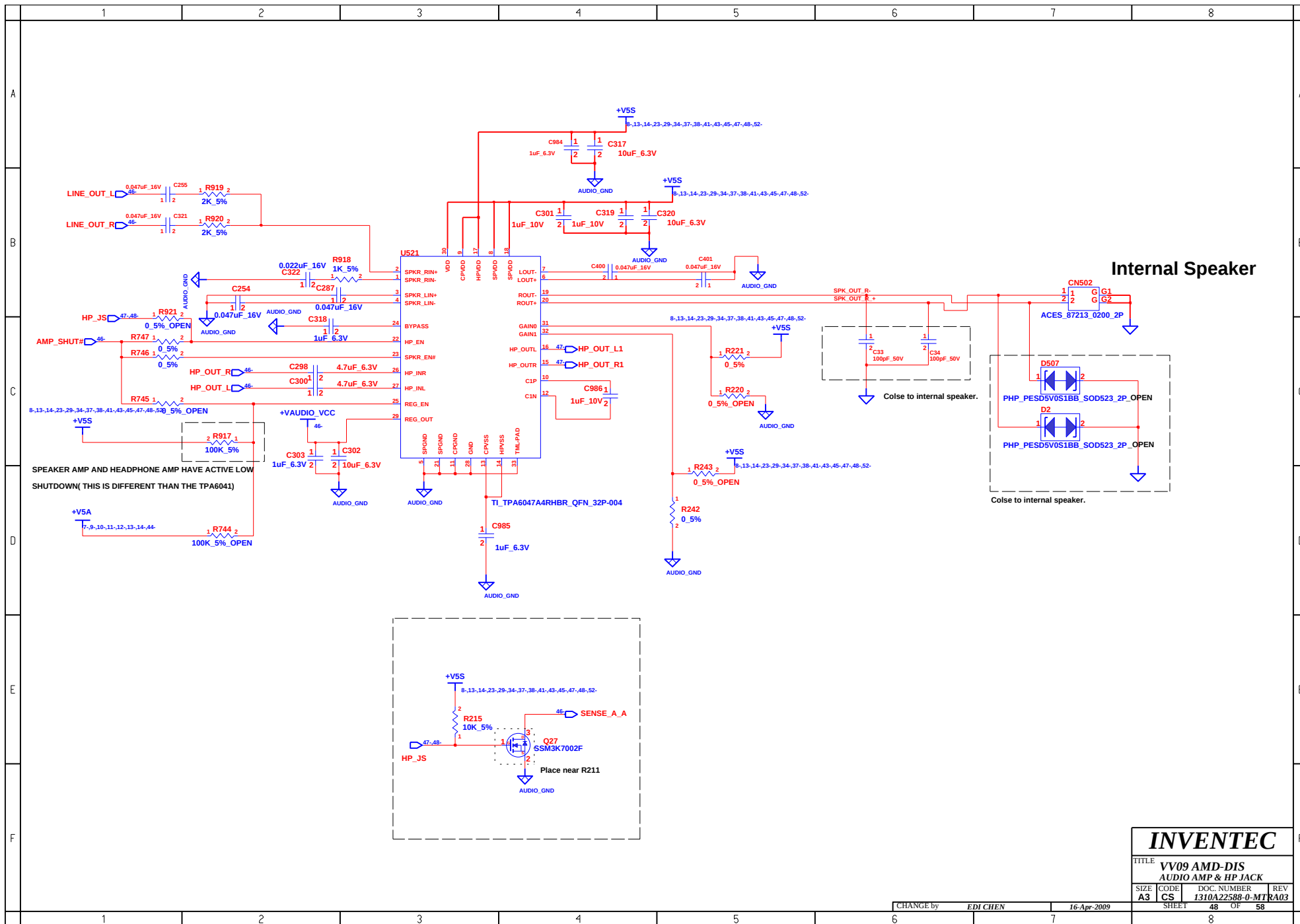
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SIZE A3	CODE CS	DOC. NUMBER 1310A22588-0-MTR	REV A03
CHANGE by EDI CHEN		16-Apr-2009	
SHEET 45		OF 58	

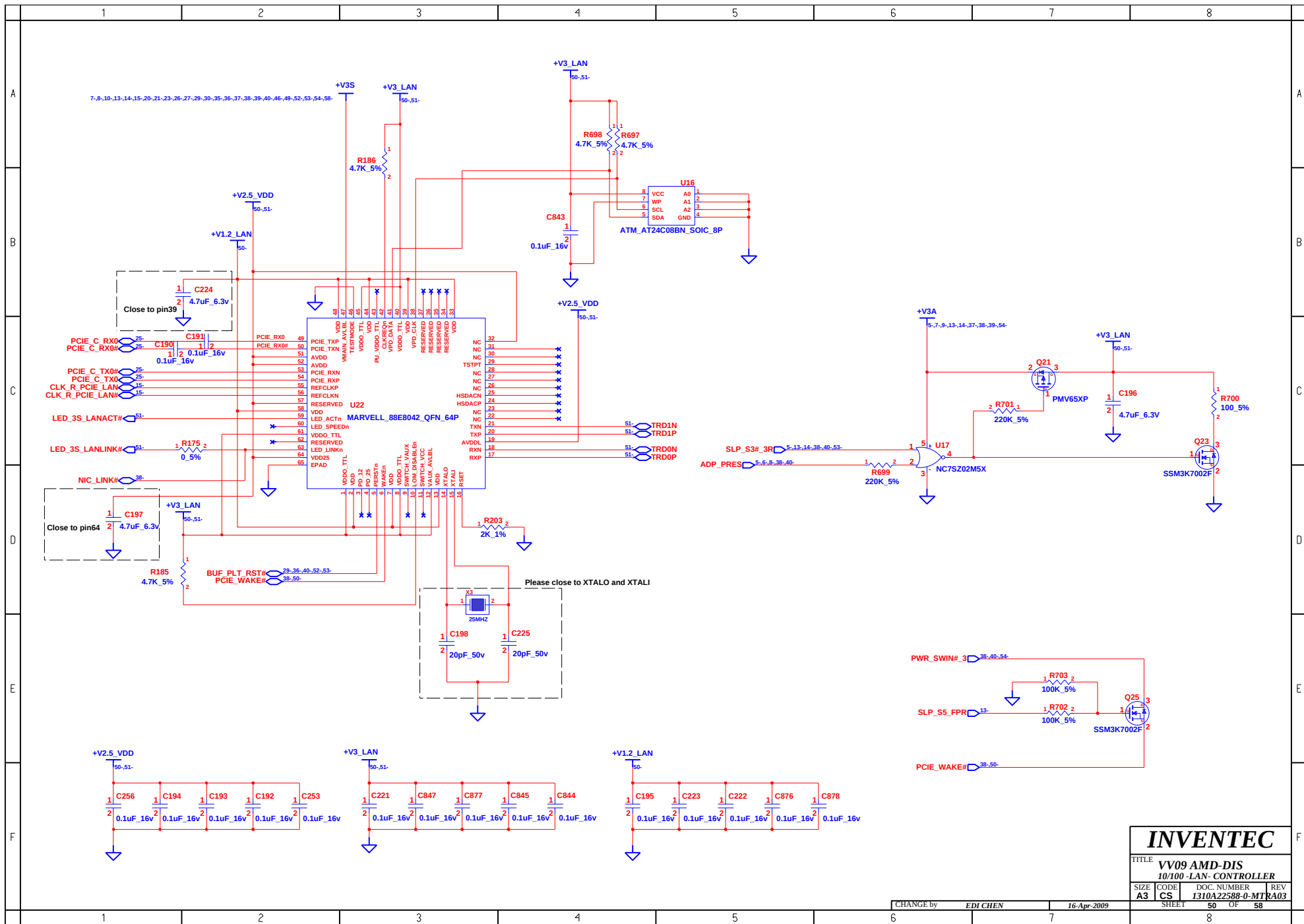


Earphone Jack



TITLE			
VV09 AMD-DIS			
Earphone & MIC JACK			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A22588-0-MTR	A03
SHEET		47 OF	58





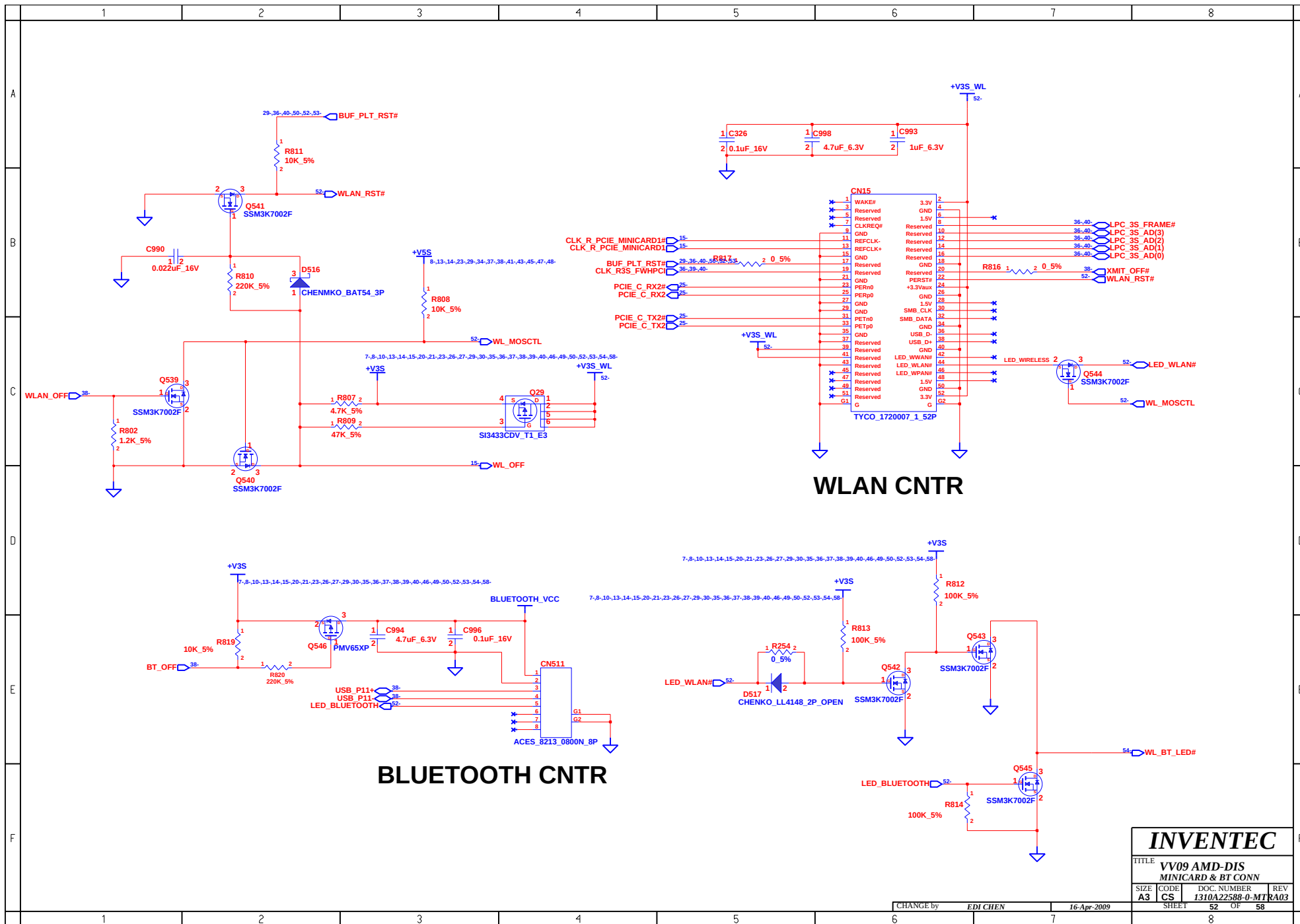
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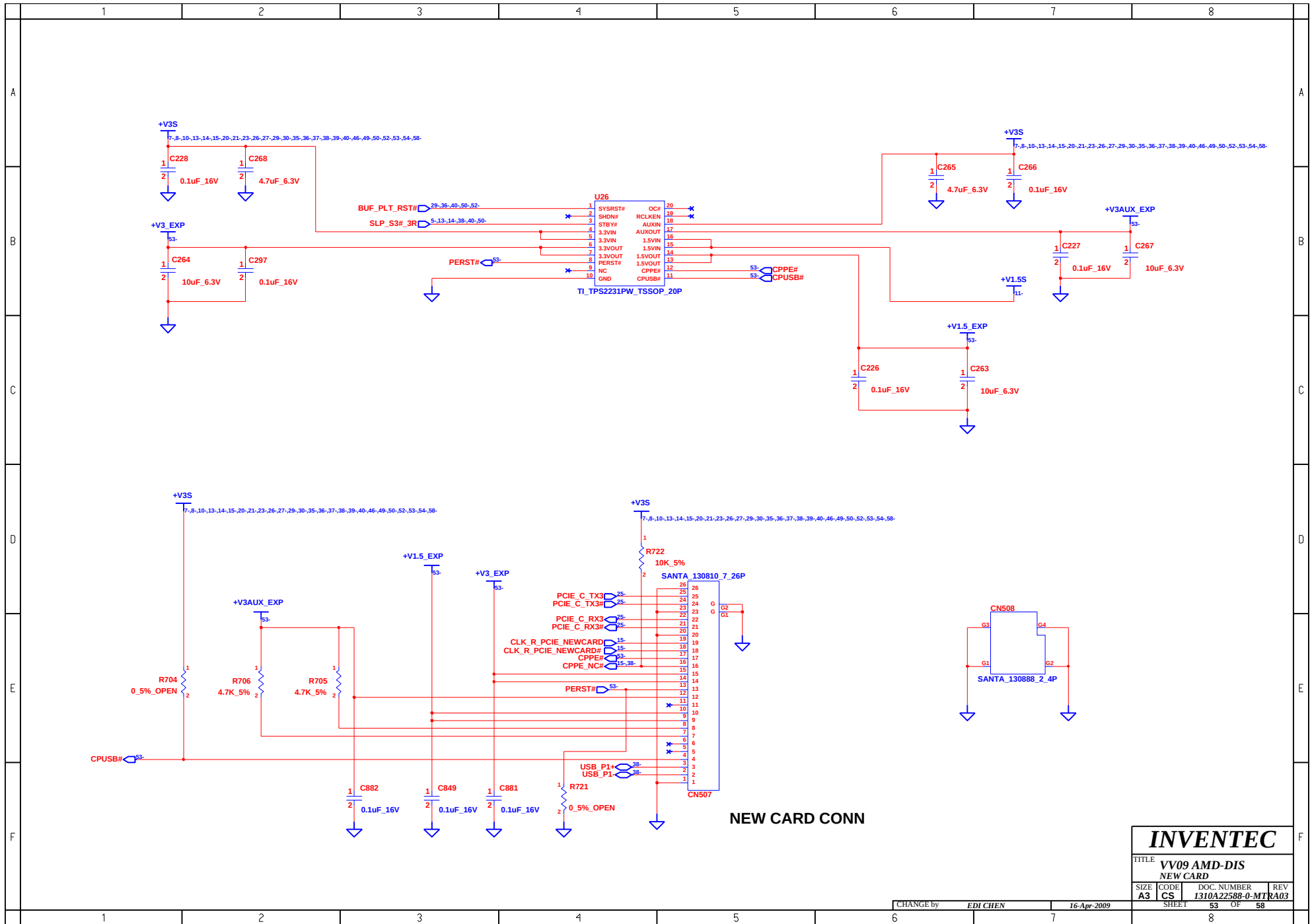
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VV09 AMD-DIS
10/100-LAN-CONTROLLER

SIZE	CODE	DOC. NUMBER	REV
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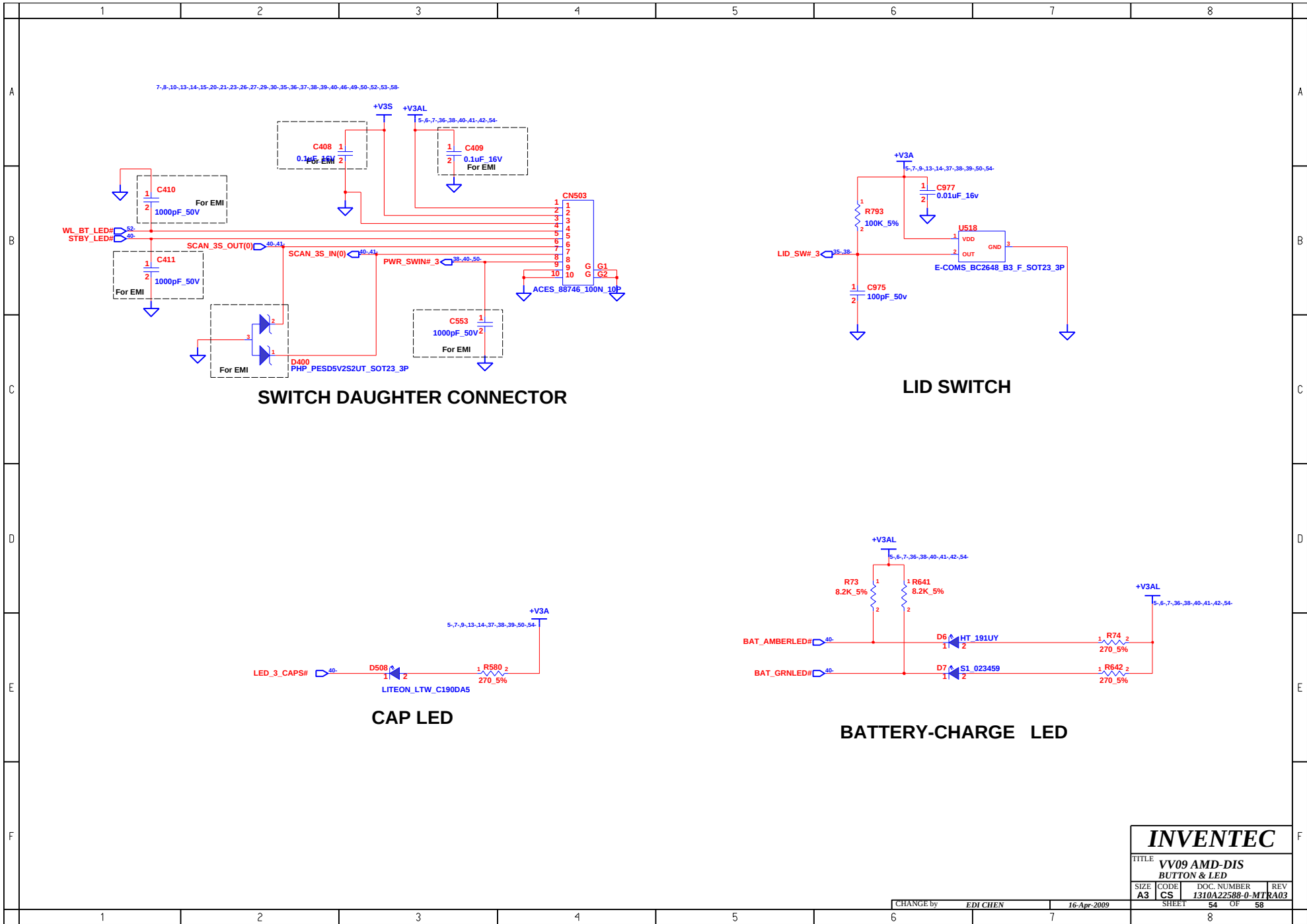
CHANGE by **EDI CHEN** 16-Apr-2009

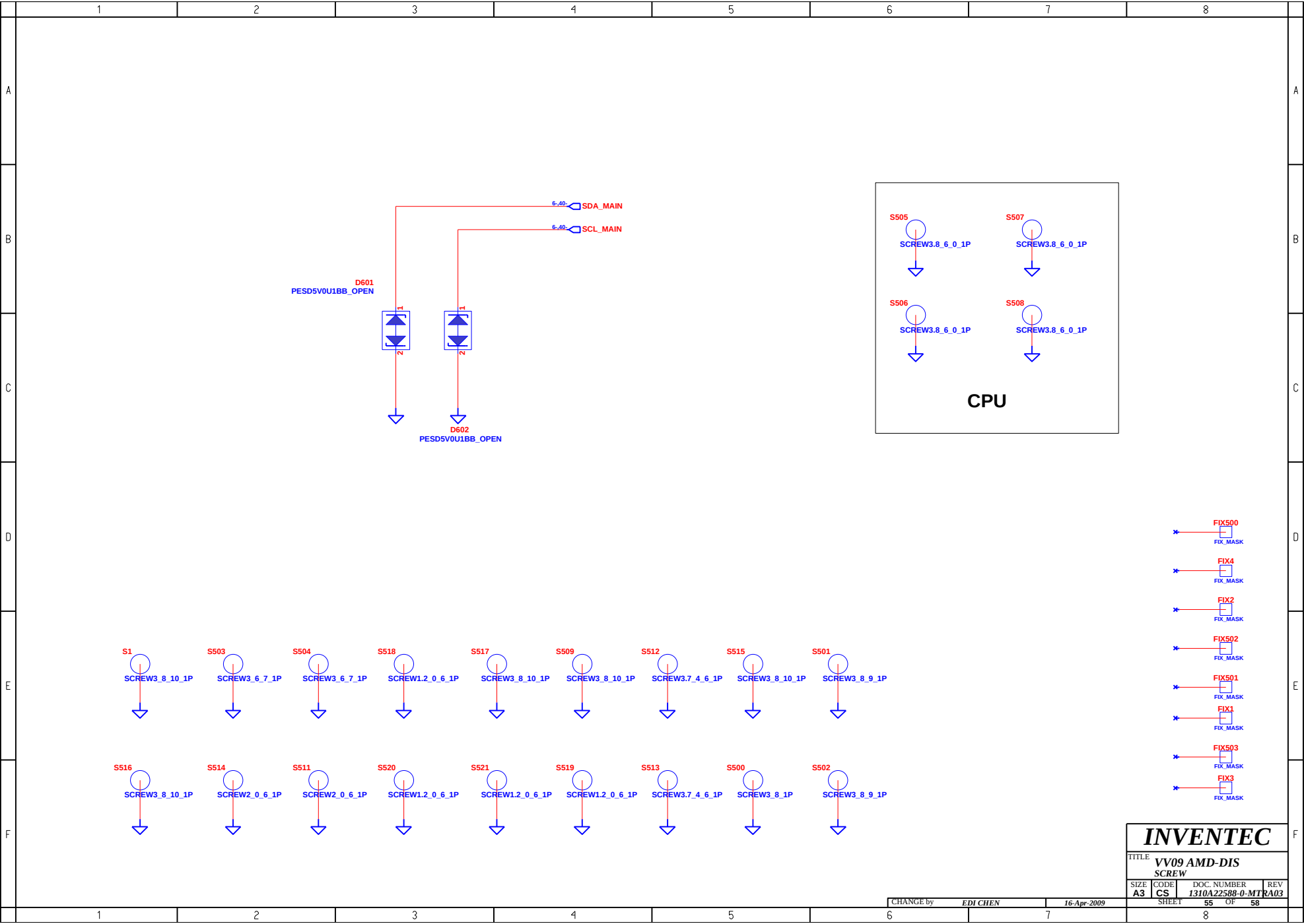
SHEET 50 OF 58

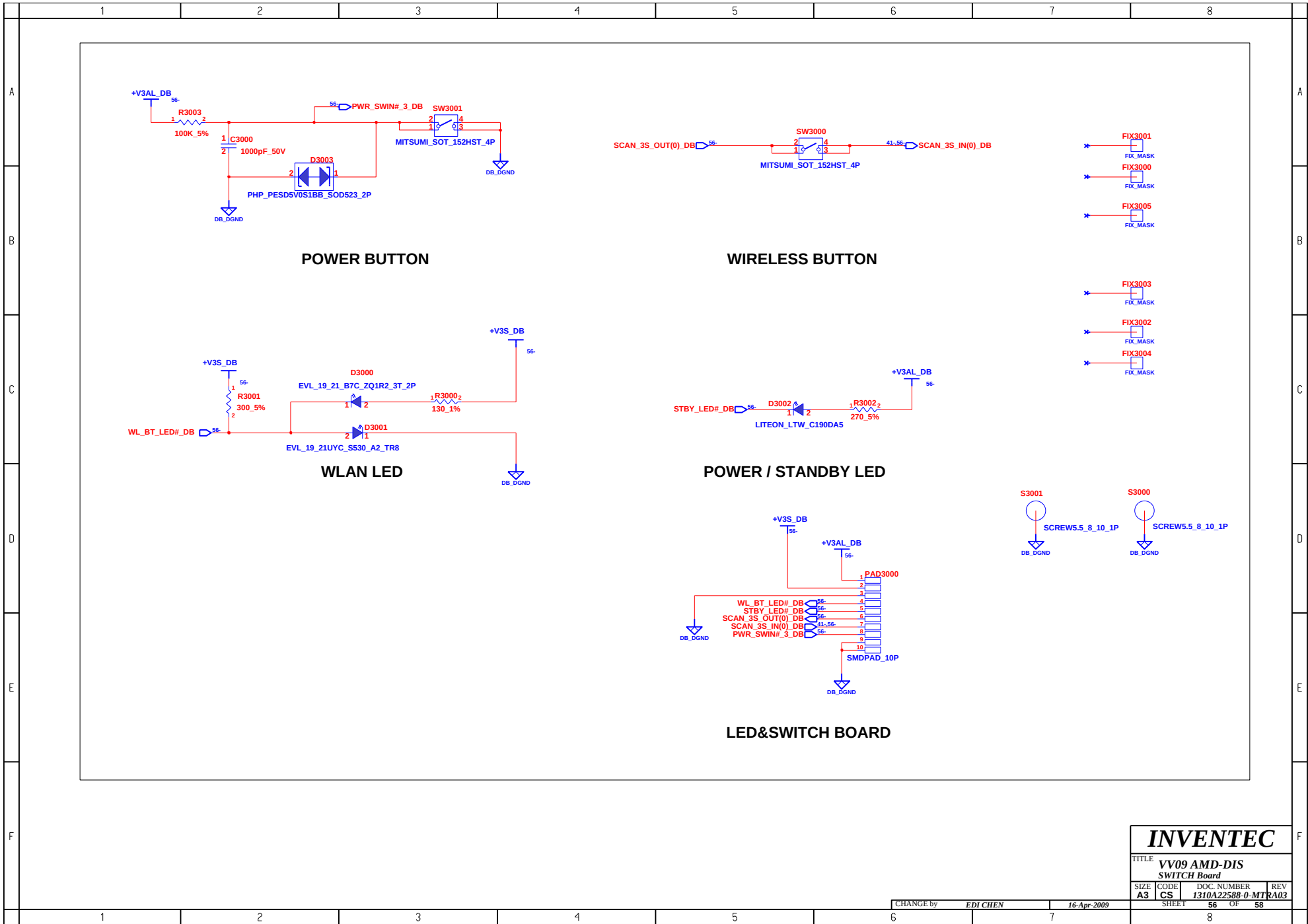




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SHEET 53		OF 58	







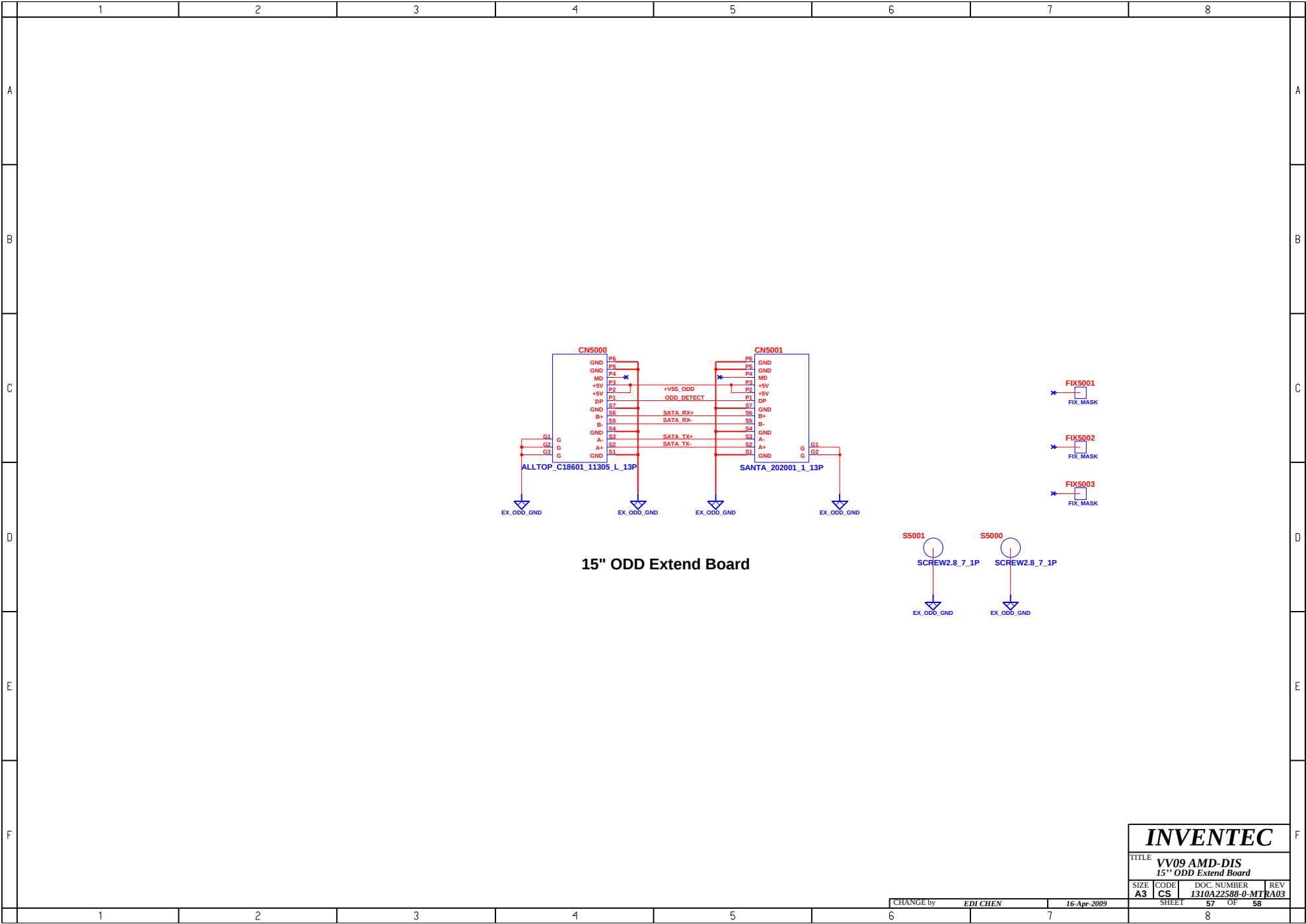
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TITLE
**VV09 AMD-DIS
SWITCH Board**

SIZE A3	CODE CS	DOC. NUMBER I310A22588-0-MT	REV A03
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CHANGE by EDI CHEN	16-Apr-2009
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SHEET 56	OF 58
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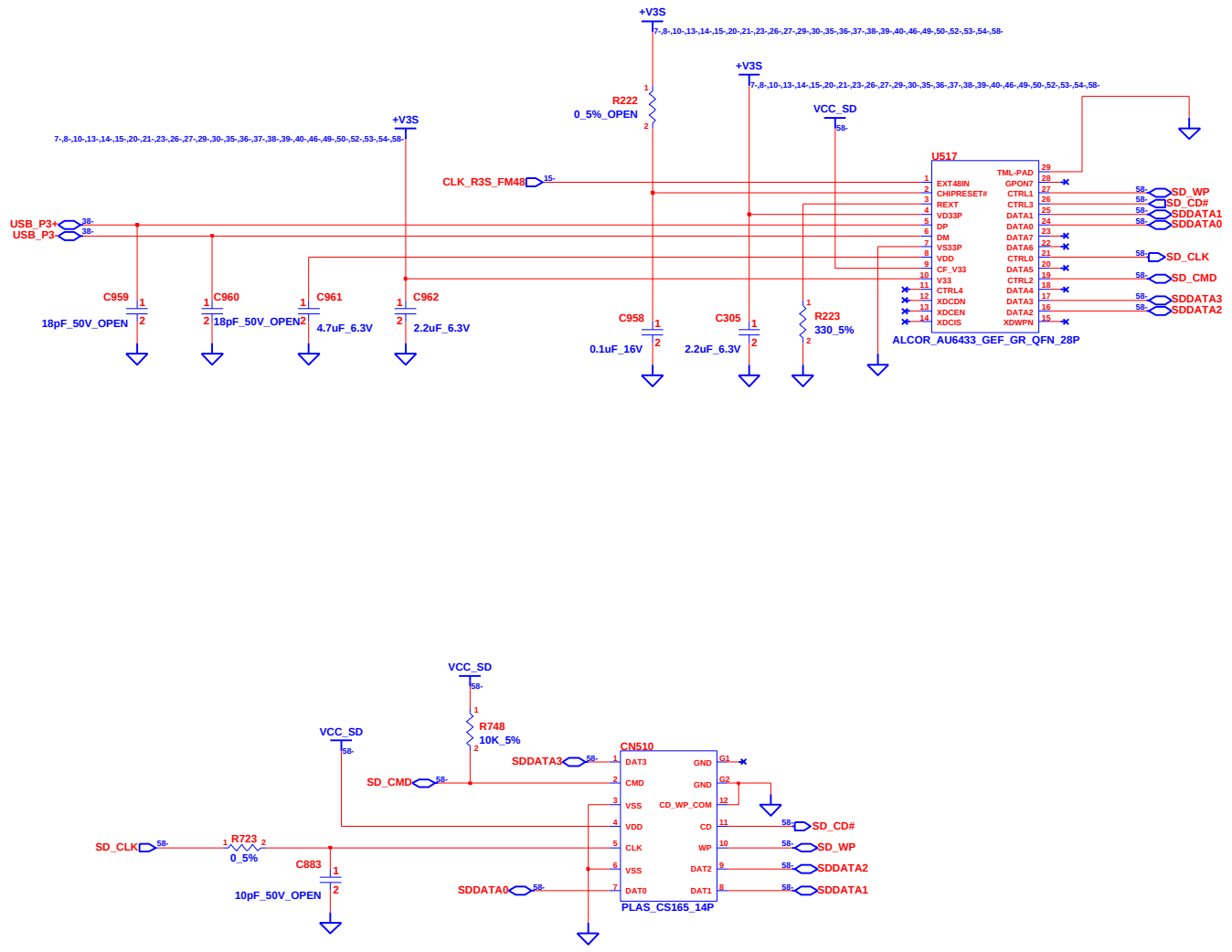
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TITLE
VV09 AMD-DIS
15" ODD Extend Board

SIZE CODE DOC. NUMBER REV
A3 CS 1310A22588-0-MTR**A03**

CHANGE by **EDI CHEN** 16-Apr-2009

SHEET 57 OF 58



INVENTEC			
TITLE VV09 AMD-DIS FLASH MEDIA CARD			
SIZE A3	CODE CS	DOC. NUMBER 1310A22588-0-MTR	REV A03
CHANGE by EDI CHEN		16-Apr-2009	
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