

S-SERIES 2009

INVICTA (Intel-Discrete)

MV Build (A03) - Final

2009.03.18

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	INVENTEC TITLE <i>INVICTA Cycle1</i>
DESIGN					
CHECK					
RESPONSIBLE					
SIZE =	3		VER :		SIZE
FILE NAME :	XXXX-XXXXXX-XX				A3 CS
P/N	XXXXXXXXXXXX				DOC. NUMBER
					1310A22527-0-MTR
					REV
					A03
					SHEET
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 6- Select & Battery CONN.
 7- System Power (+V3A/+V5A).
 8- System Power (+V1.8/+VCCP) .
 9- Graphic Power (+VDD_CORE & +VPCIE).
 10- System Power (+V1.5S) .
 11- CPU Power (+VCC_CORE).
 12- DDR Termination Voltage(+V0.9S).
 13- Power (Sleep: +V5S/+V3S/+V1.8S).
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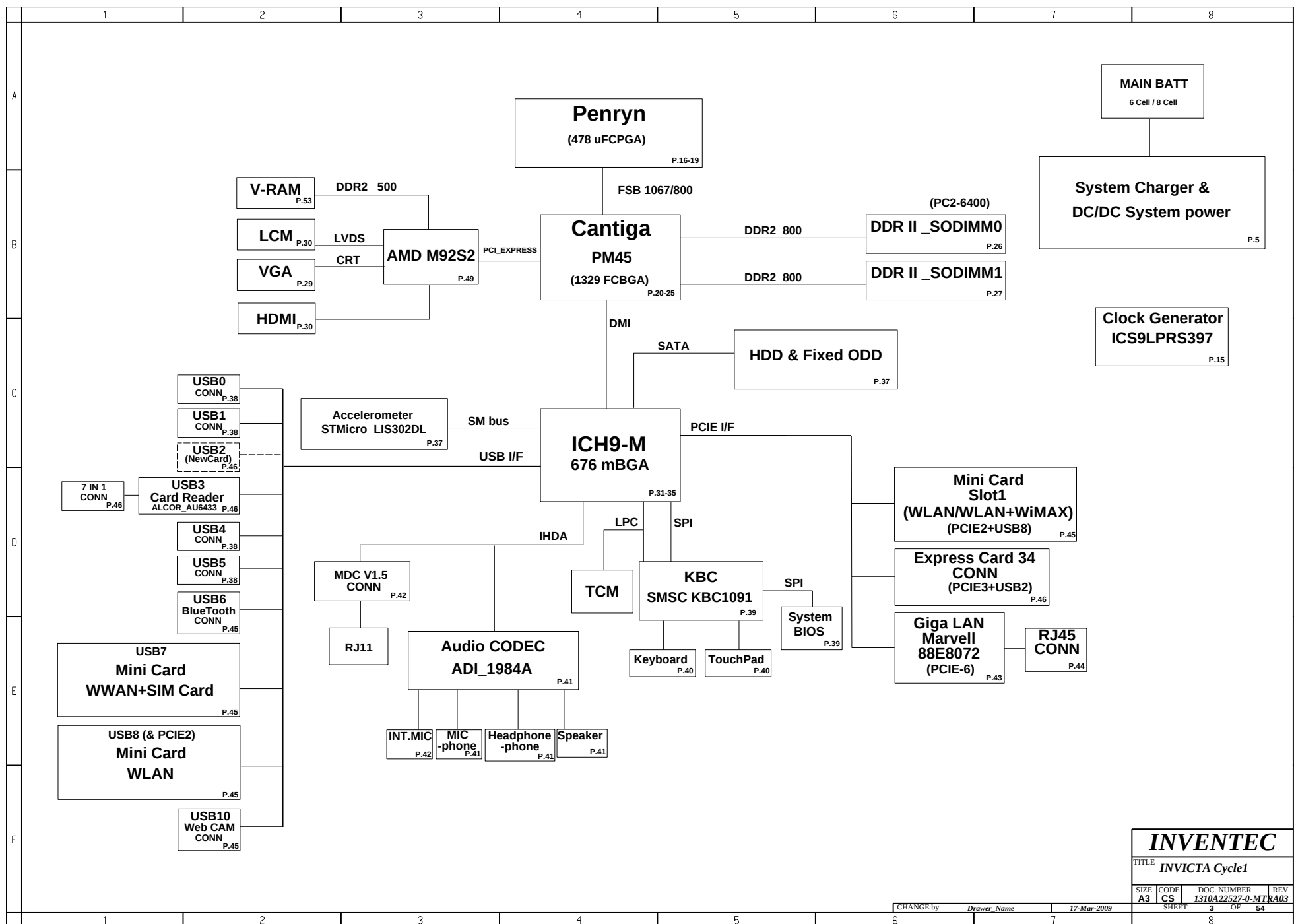
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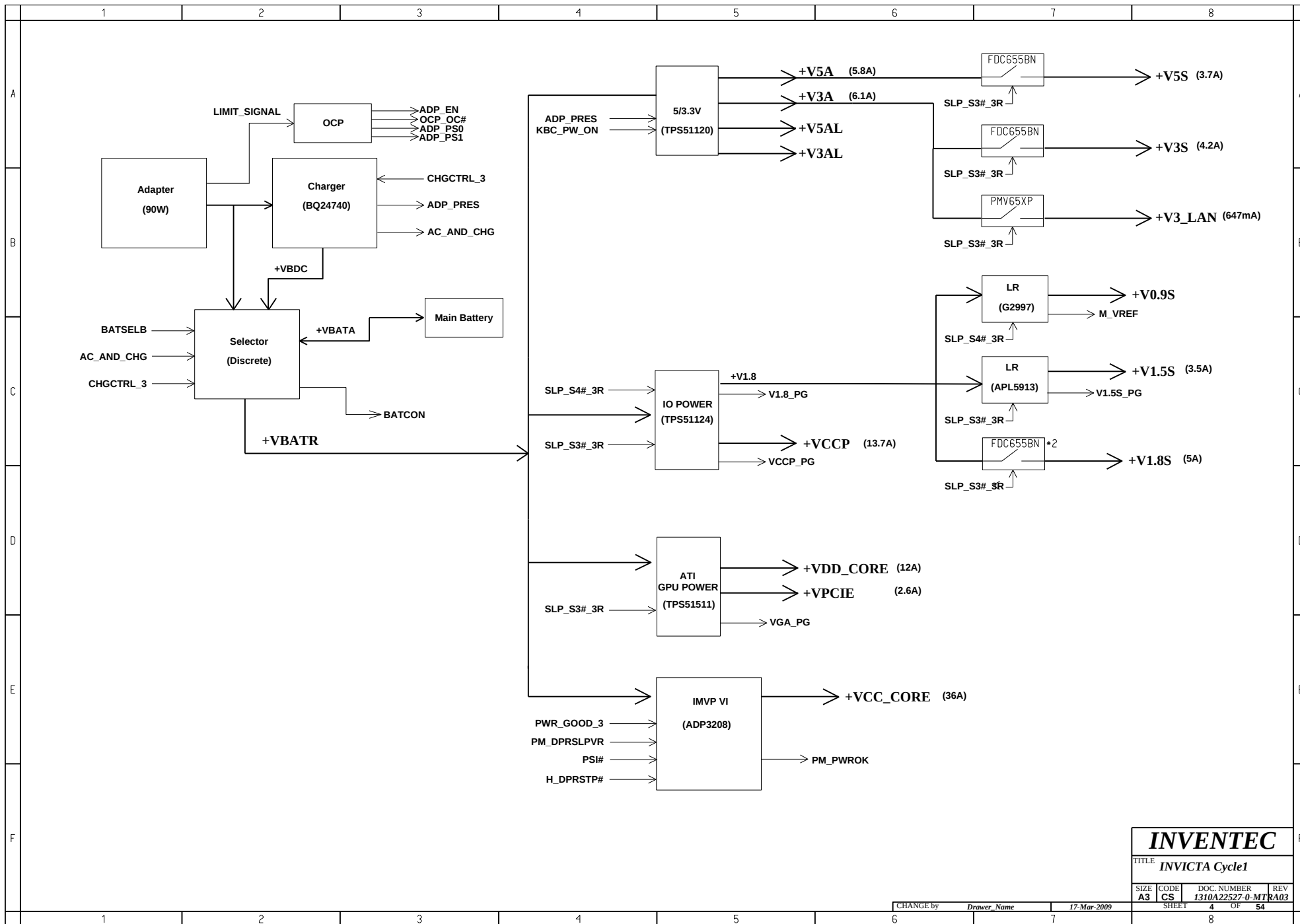
36- Power, LID, APP SW/B.
 37- HDD & ODD,Accelerometer,15" ODD EXT/B.
 38- USB CONN.
 39- KBC, BIOS ROM, Debug Port.
 40- Internal Keyboard & TouchPad CONN.
 41- Audio CODEC & Earphone & Speaker.
 42- Audio MIC & MDC CONN.
 43- Giga LAN controller.
 44- Magnetic & RJ45 CONN.
 45- Mini Card(WLAN/WWAN), BT.
 46- New Card & 4 in 1 Card (SD/MMC/MS/XD).
 47- LEDs, TCM CONN.
 48- Screws, Crack testing circuit.
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 50- AMD M92S2-2.
 51- AMD M92S2-3.
 52- AMD M92S2-4.
 53- Video RAM-1 (DDR2).
 54- Video RAM-2 (DDR2).

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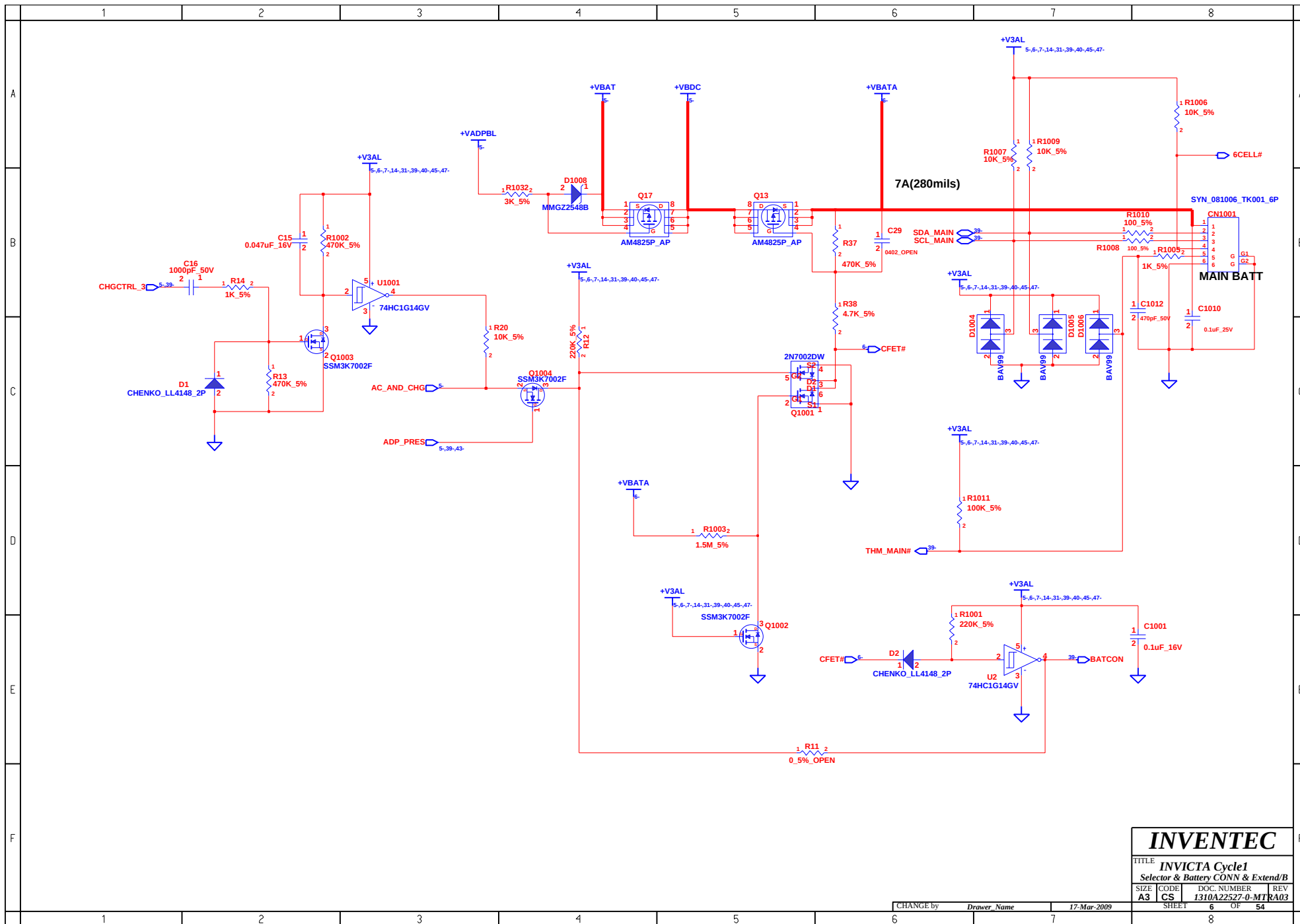
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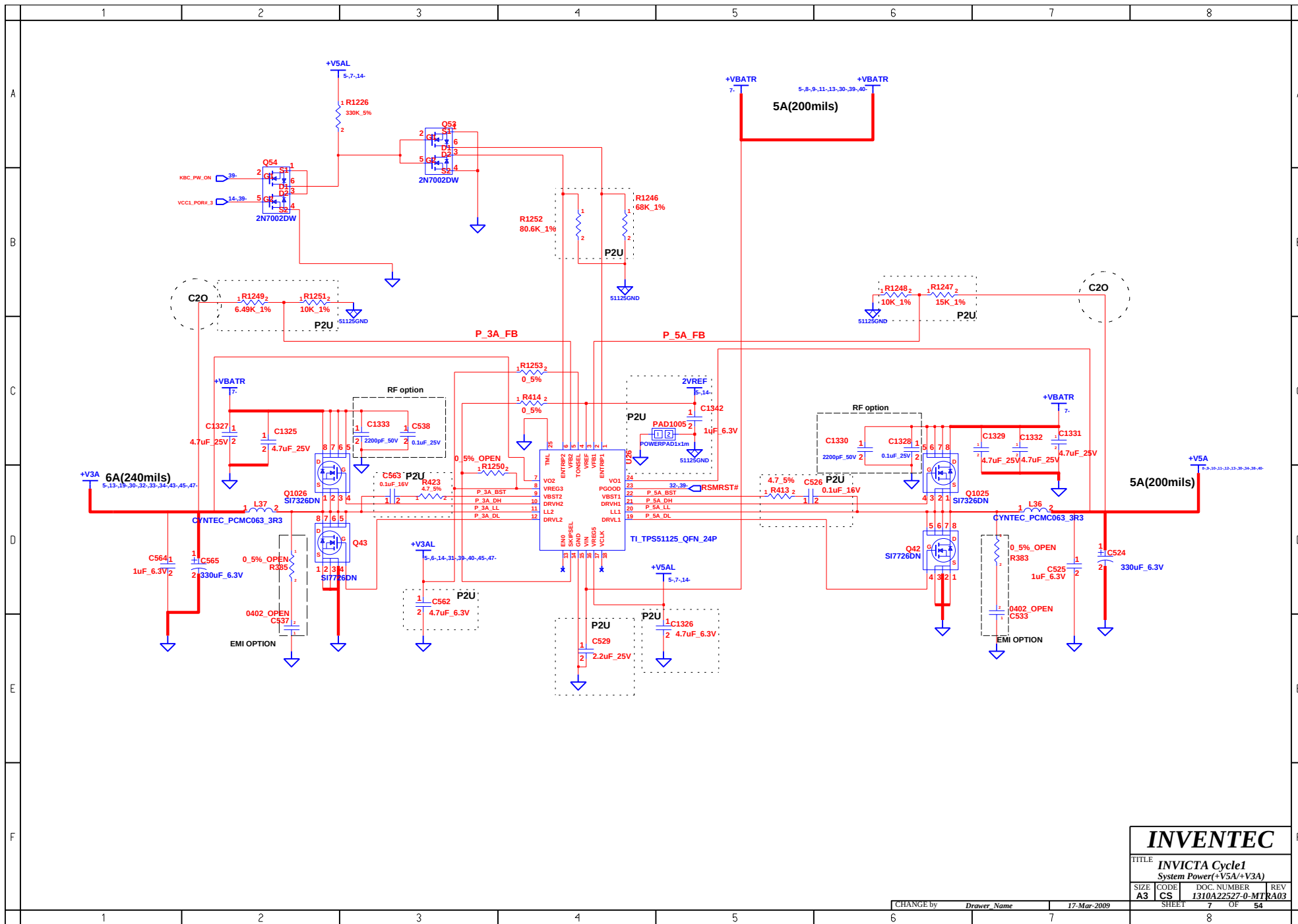
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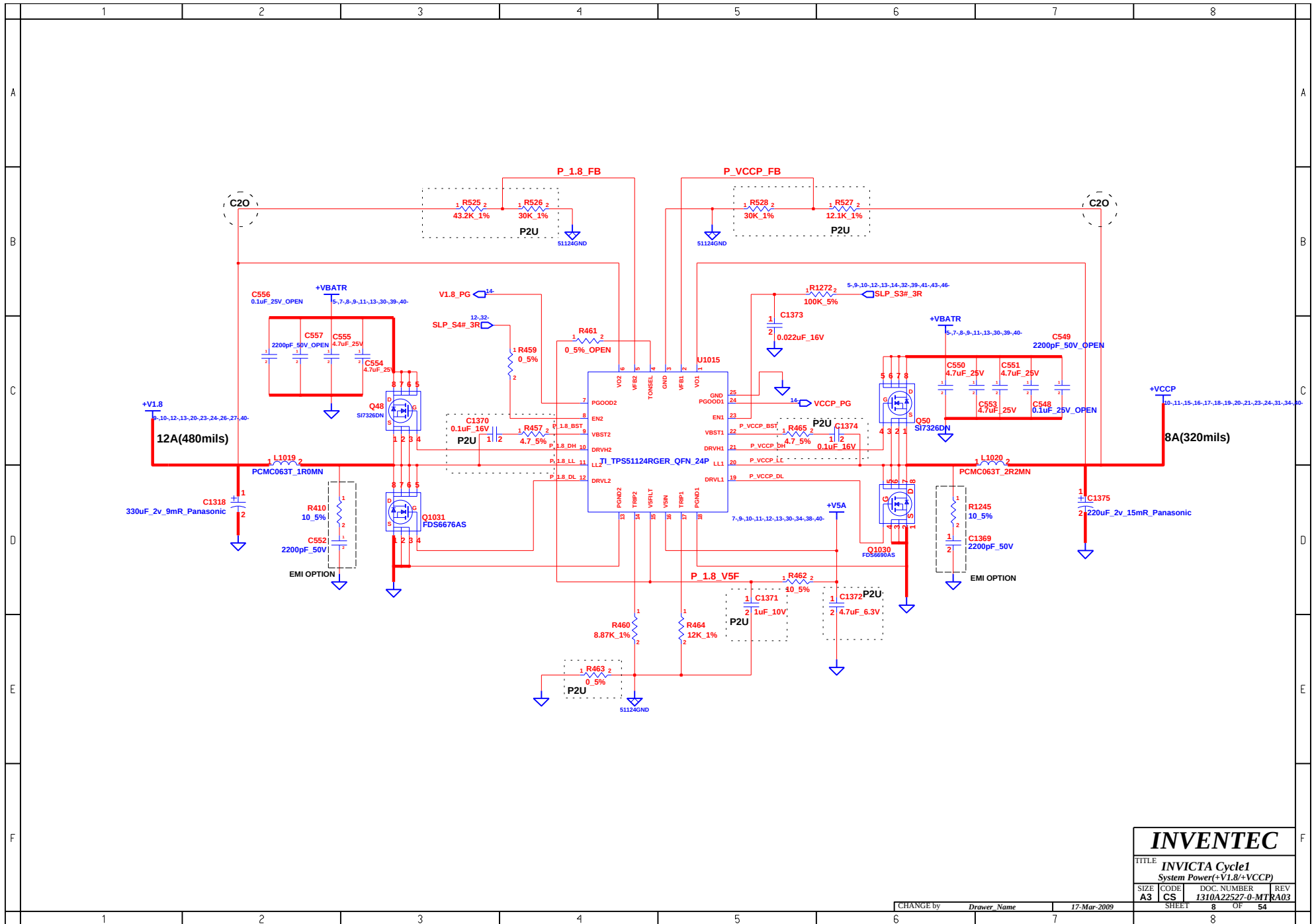


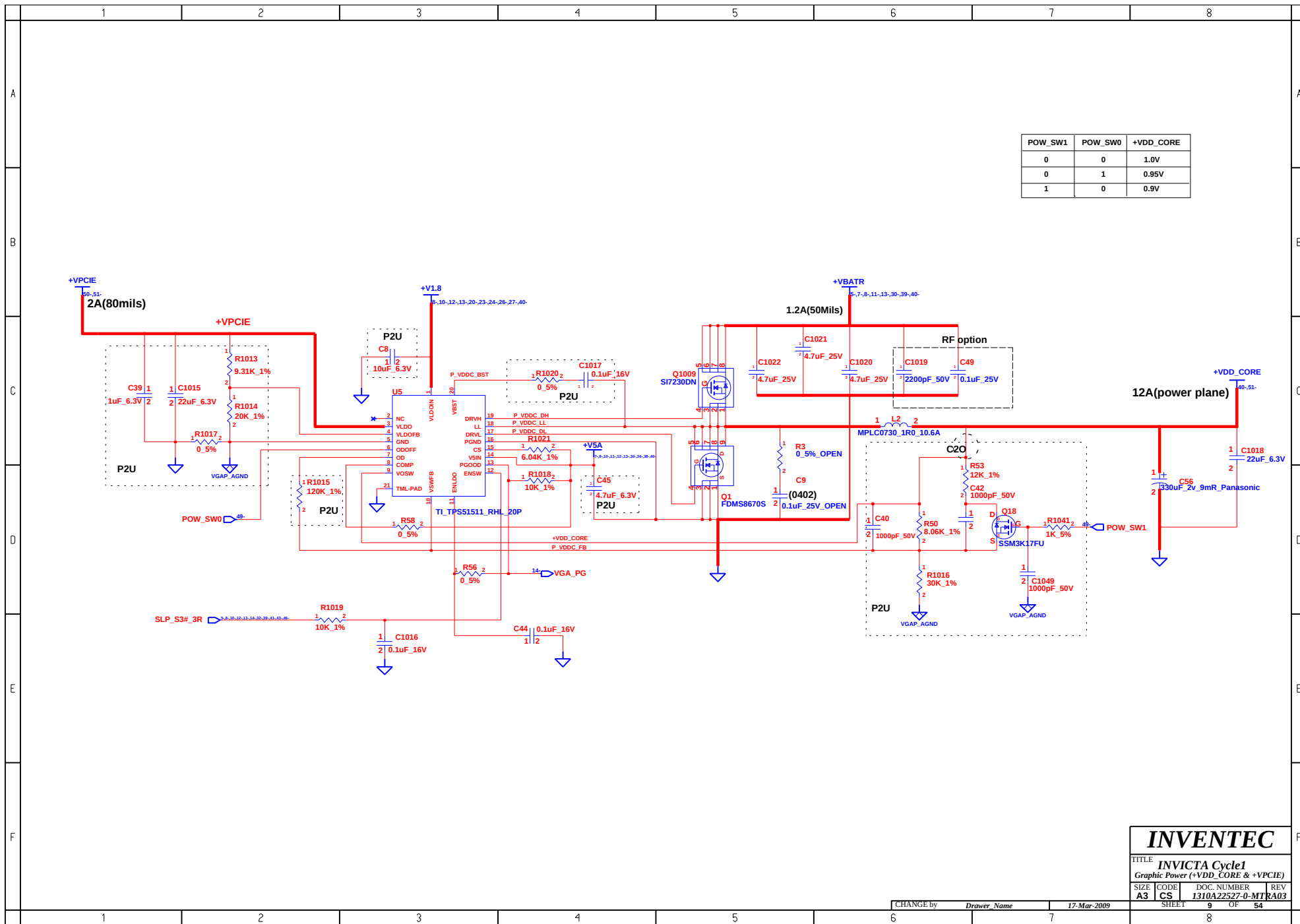












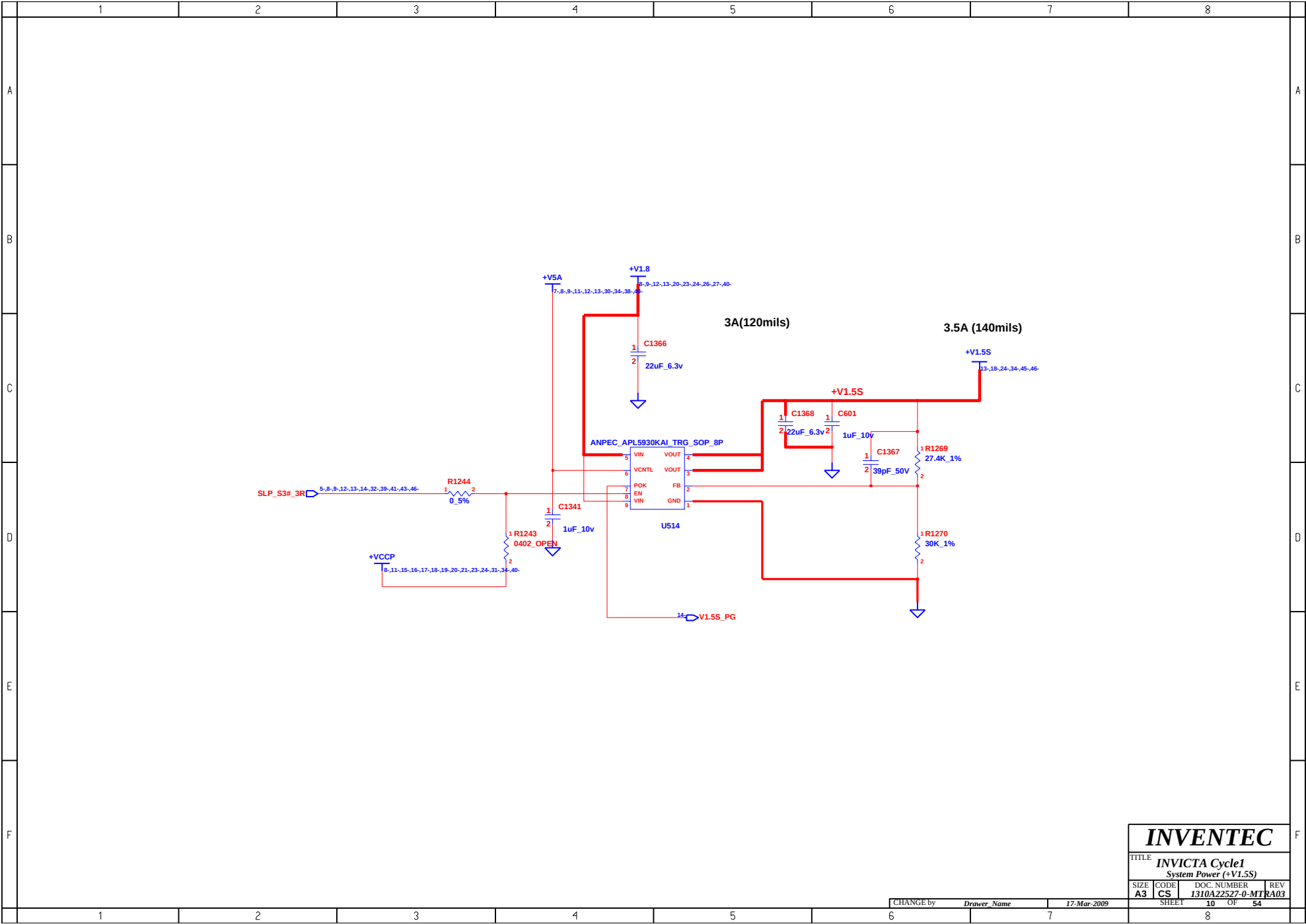
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TITLE **INVICTA Cycle1**
Graphic Power (+VDD_CORE & +VPCIE)

SIZE **A3** CODE **CS** DOC. NUMBER **I310A22527-0-MT** REV **RA03**

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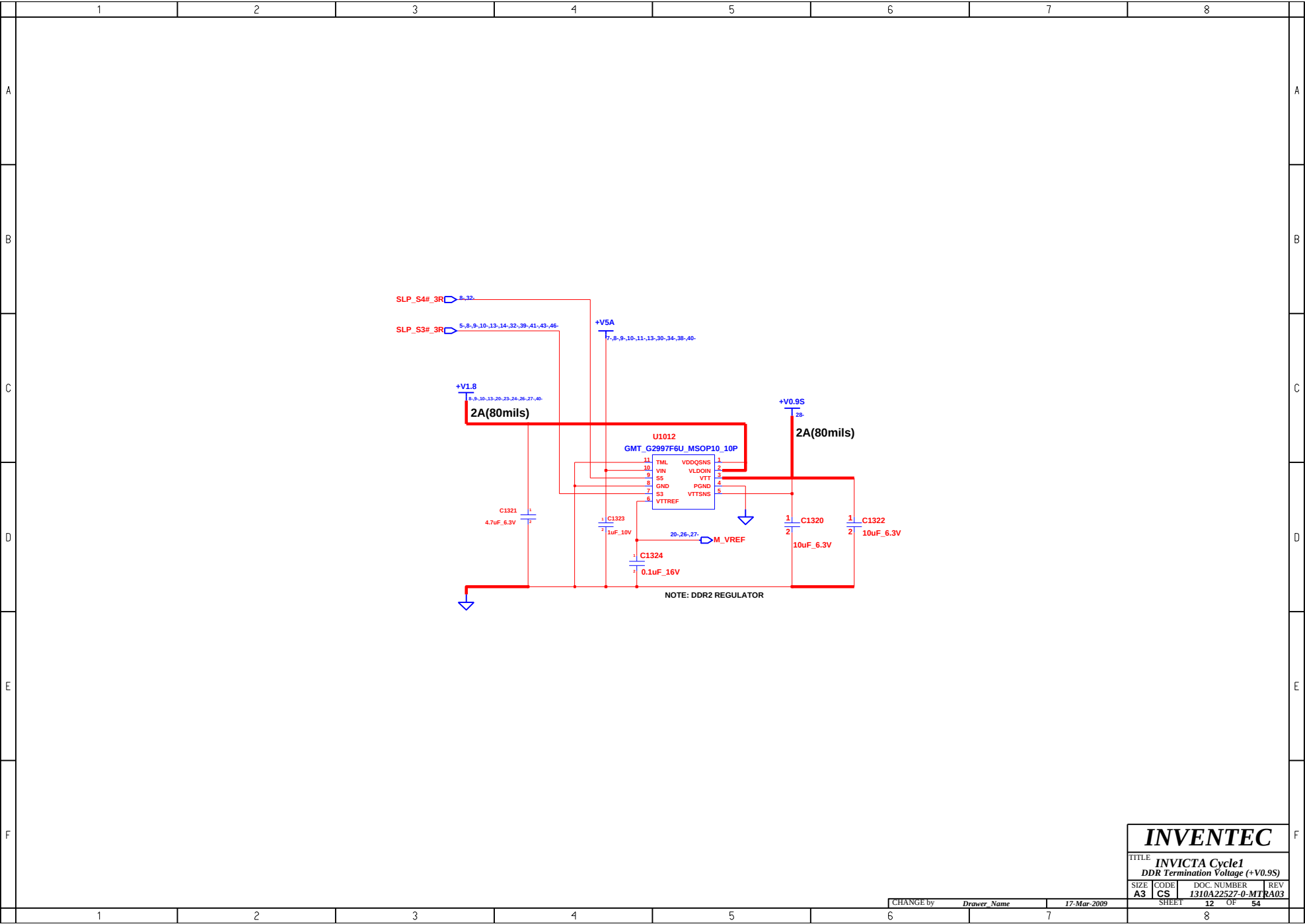
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TITLE
INVICTA Cycle1
System Power (+V1.5S)

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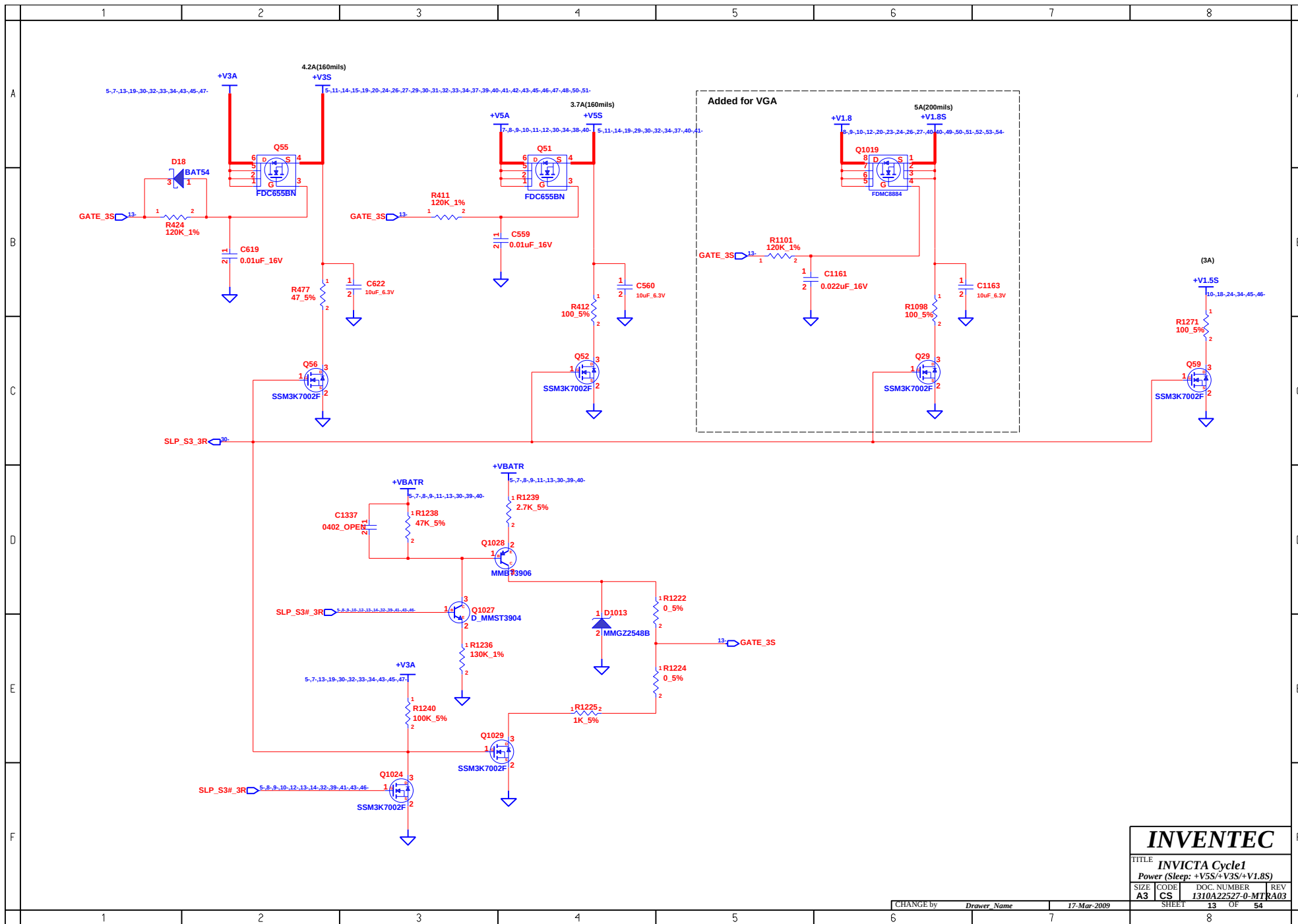
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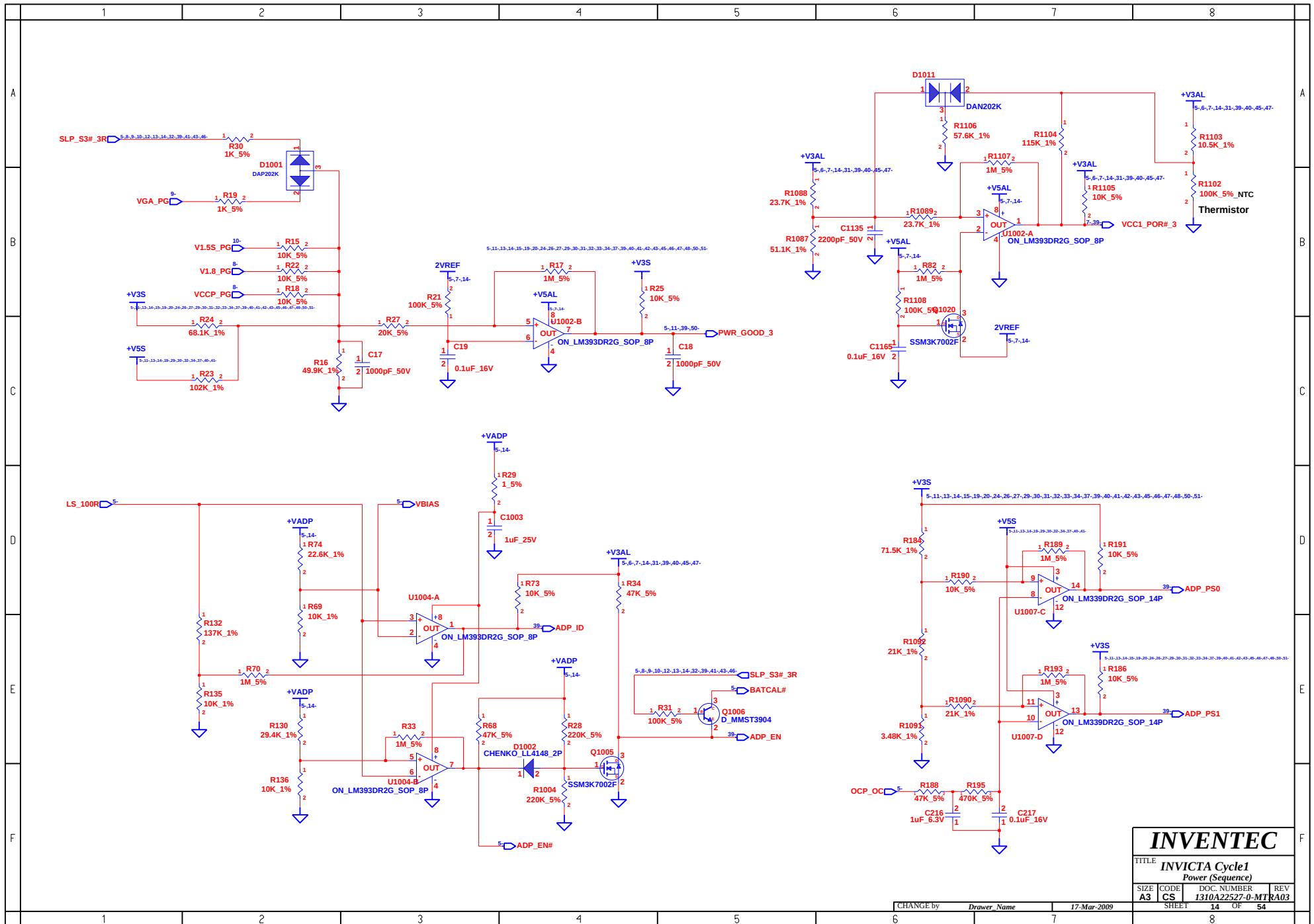
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DDR Termination Voltage (+V0.9S)

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TITLE
INVICTA Cycle1
Power (Sequence)

SIZE CODE
A3 CS

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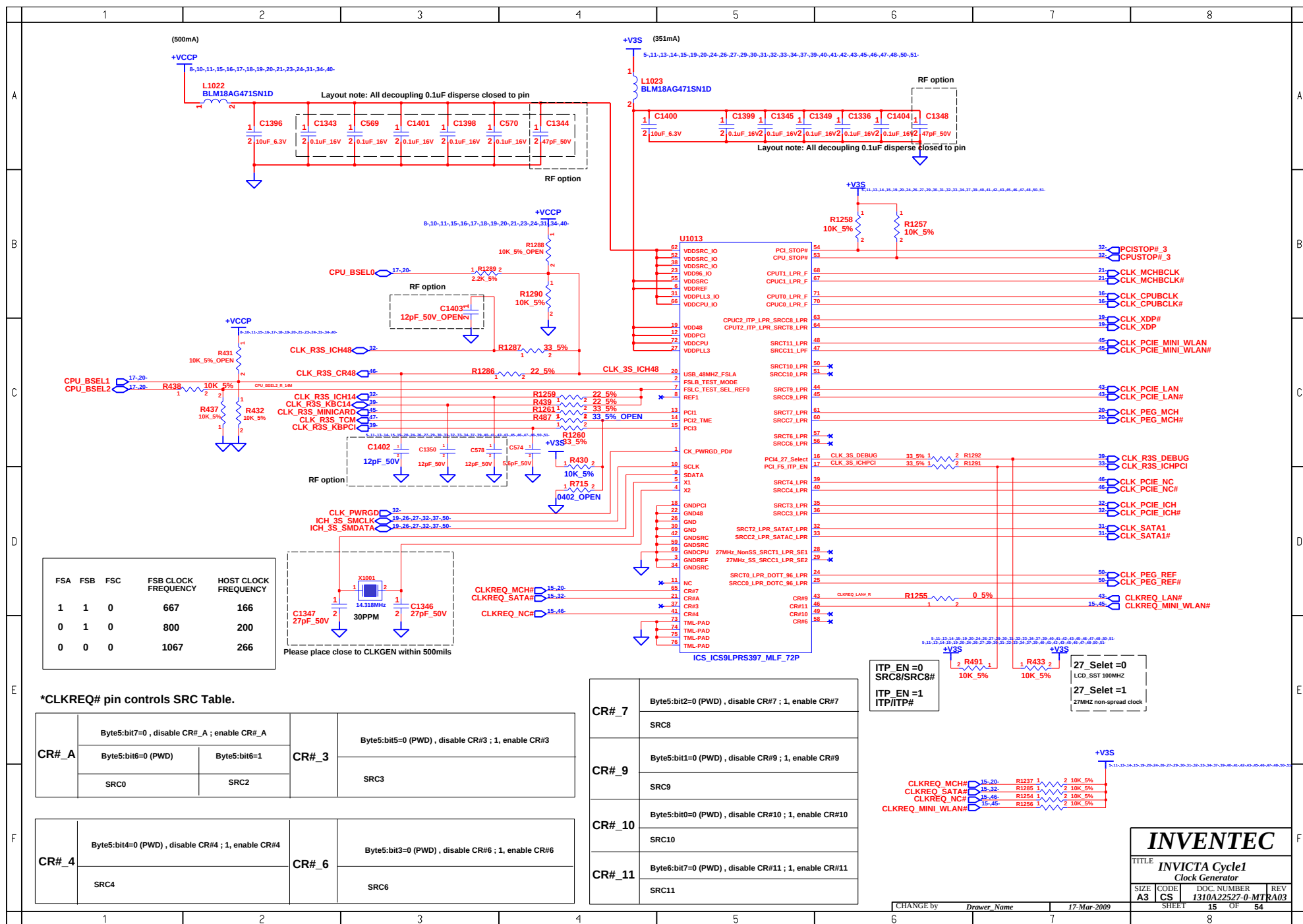
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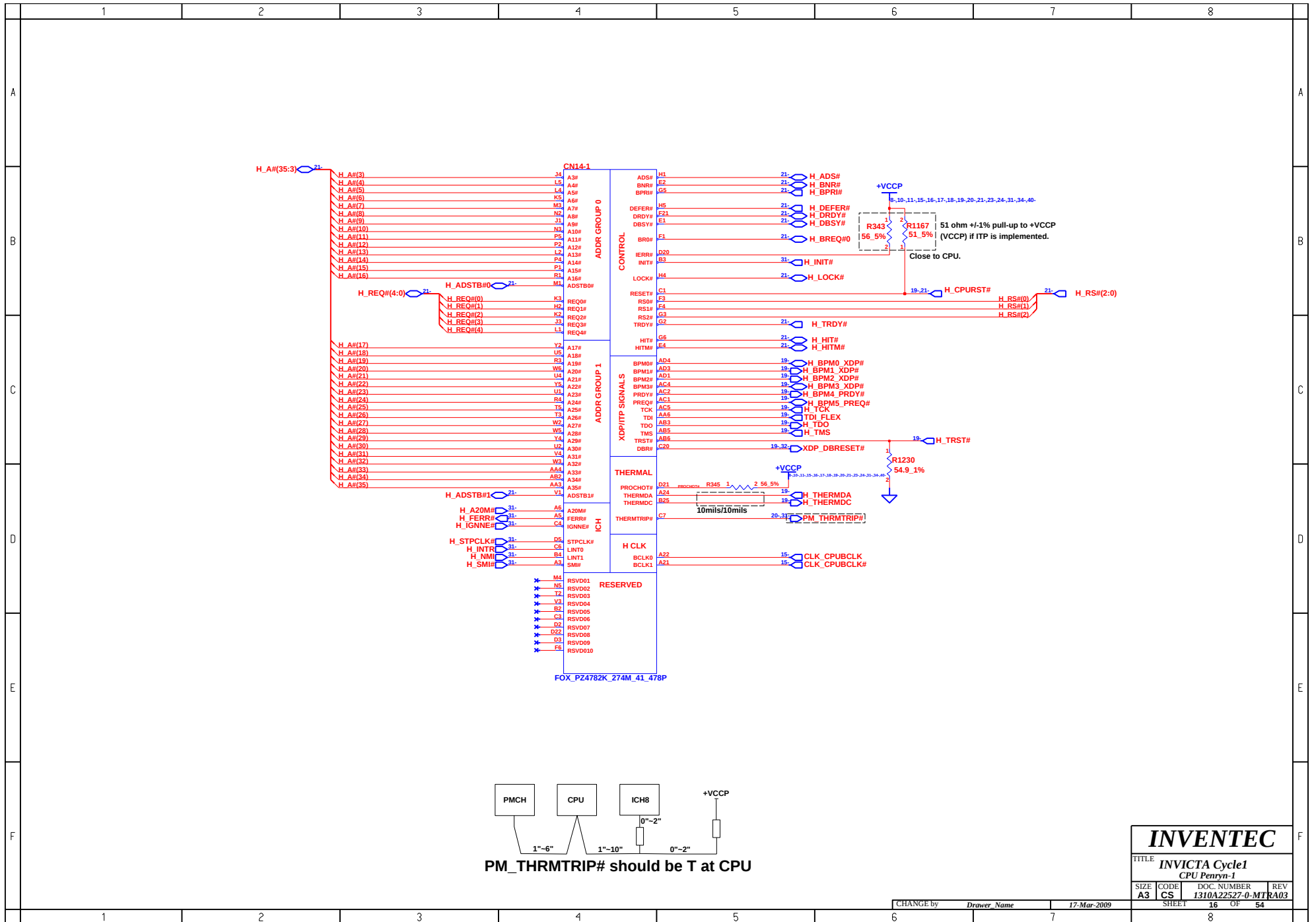
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Drawer Name

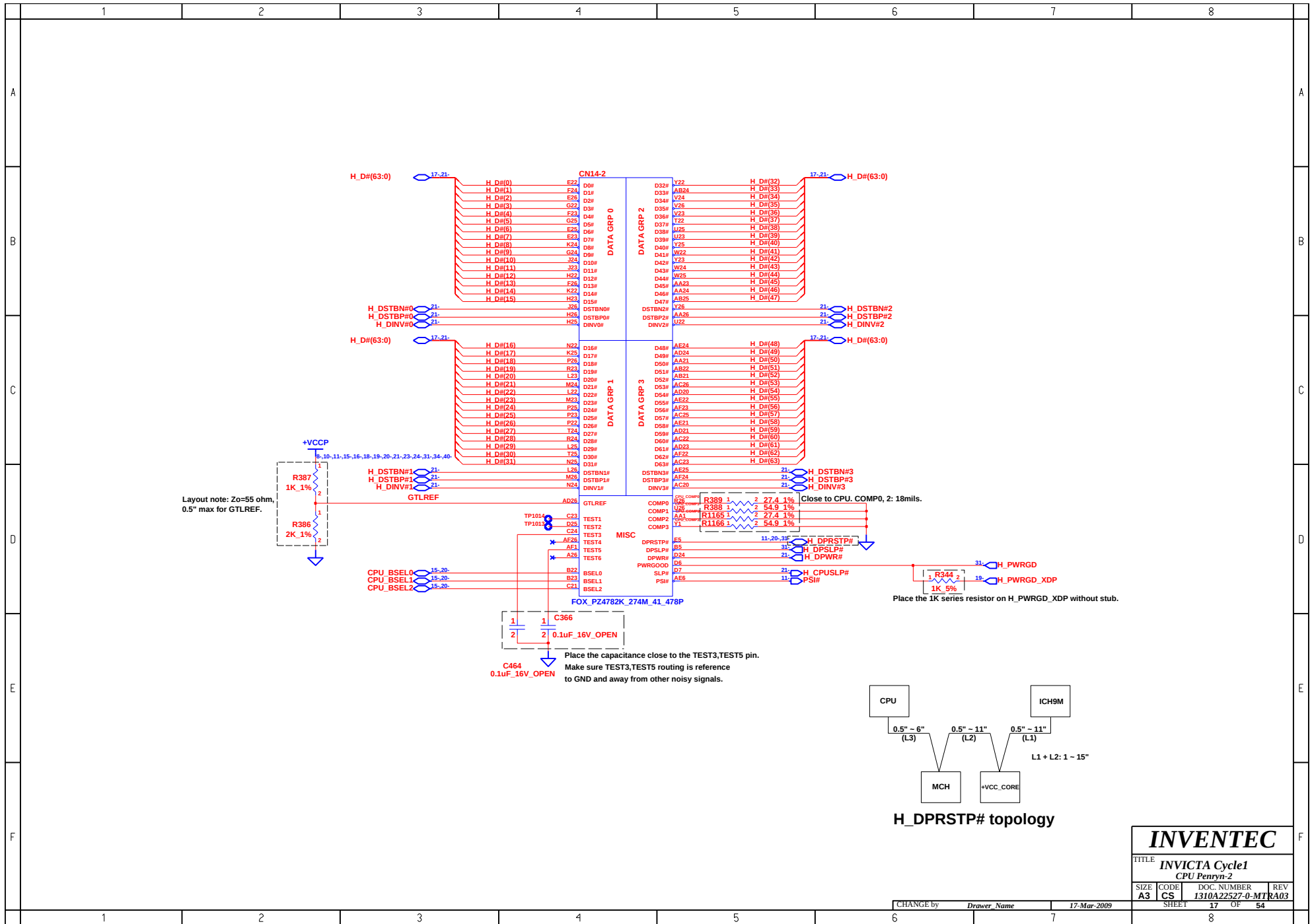
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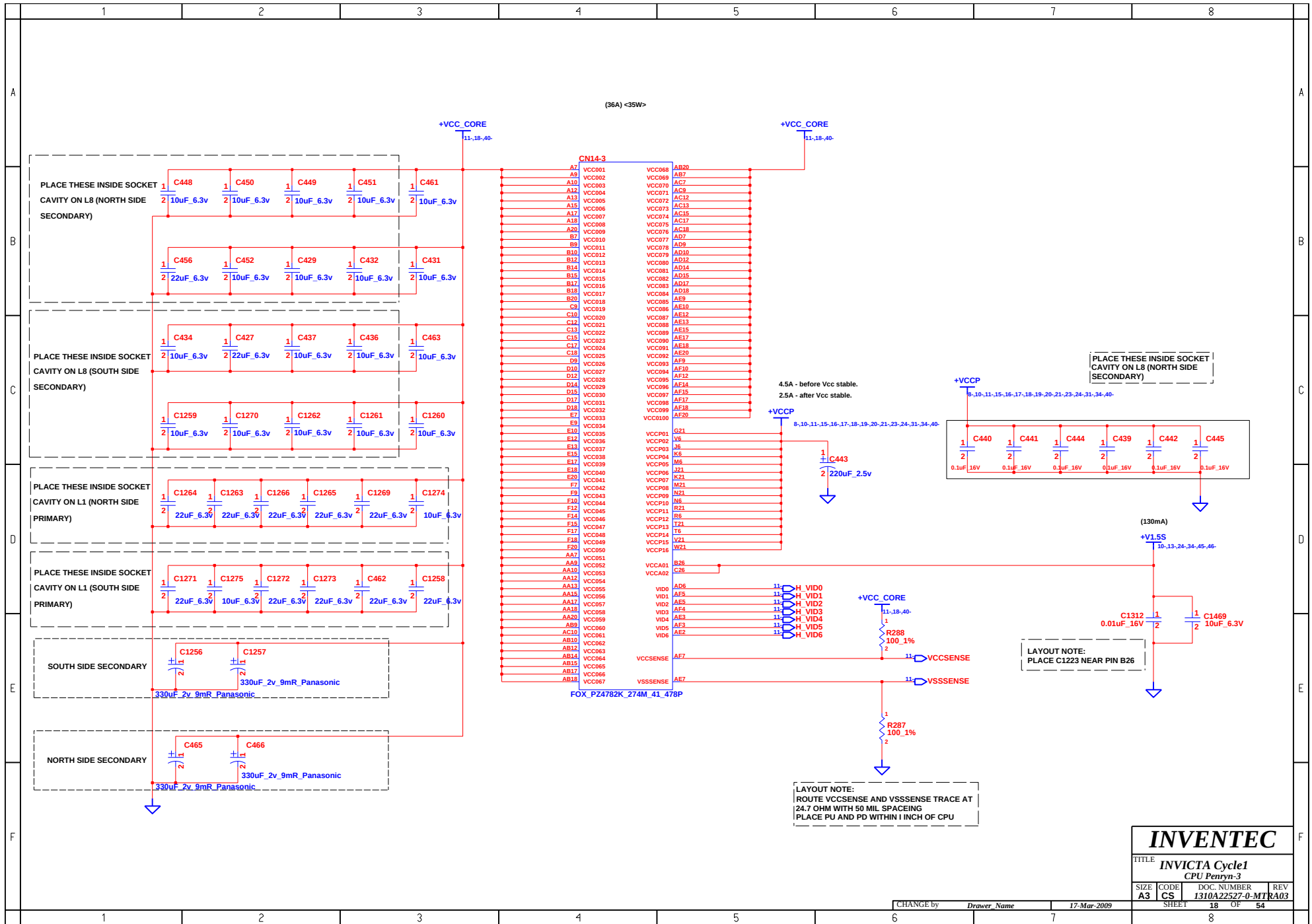
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TITLE
INVICTA Cycle1
CPU Penryn-2

SIZE CODE
A3 CS

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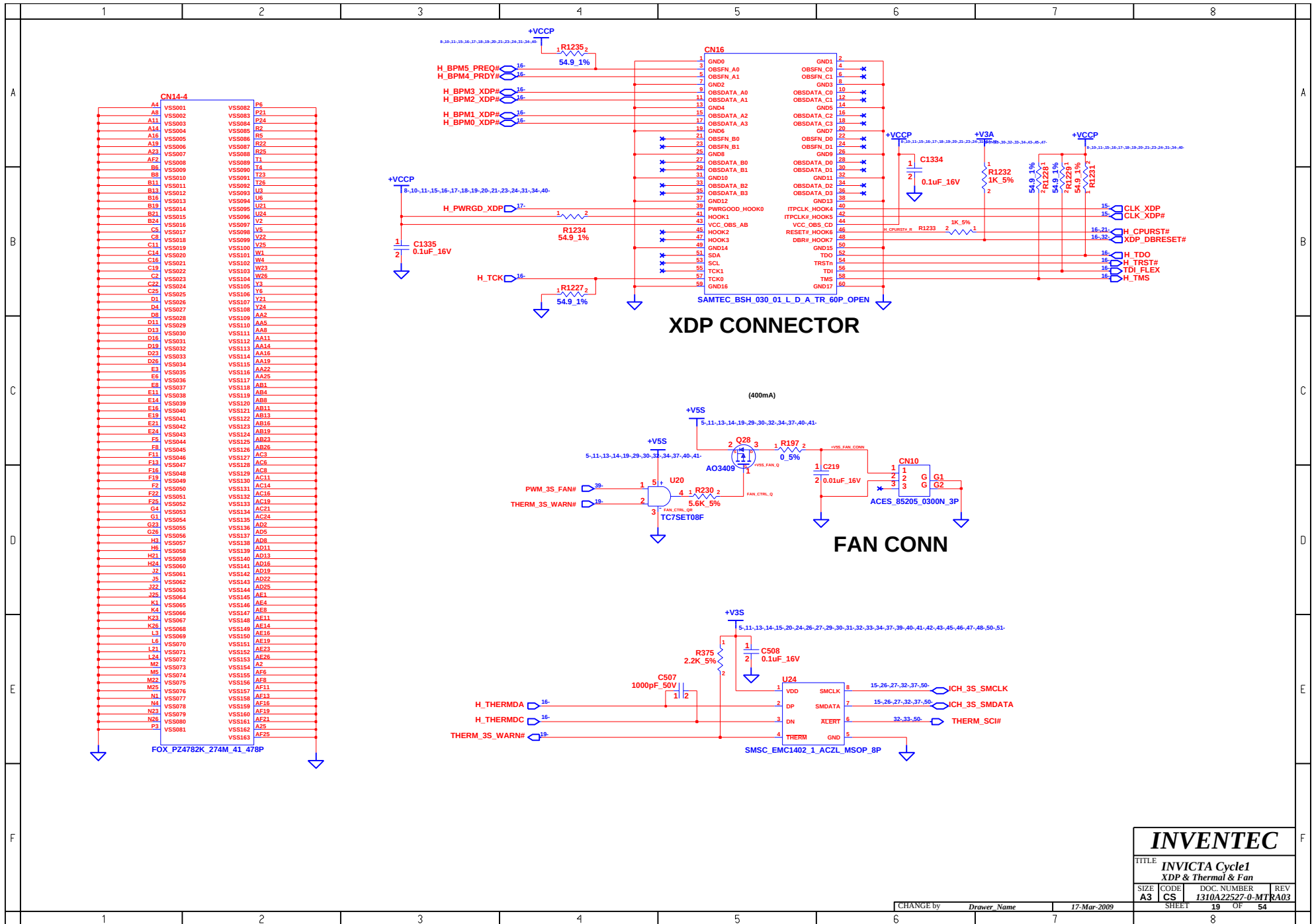
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RA03

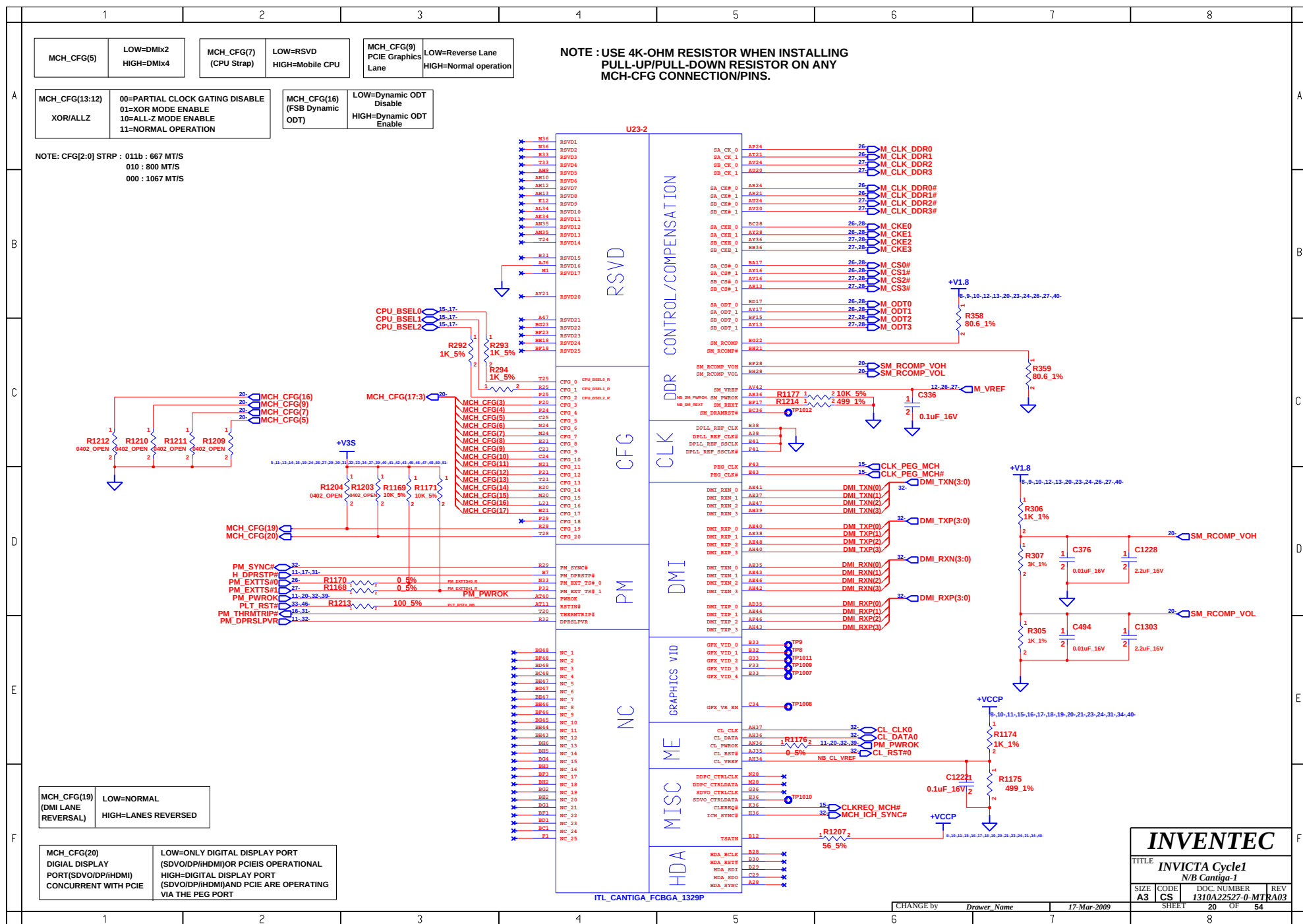


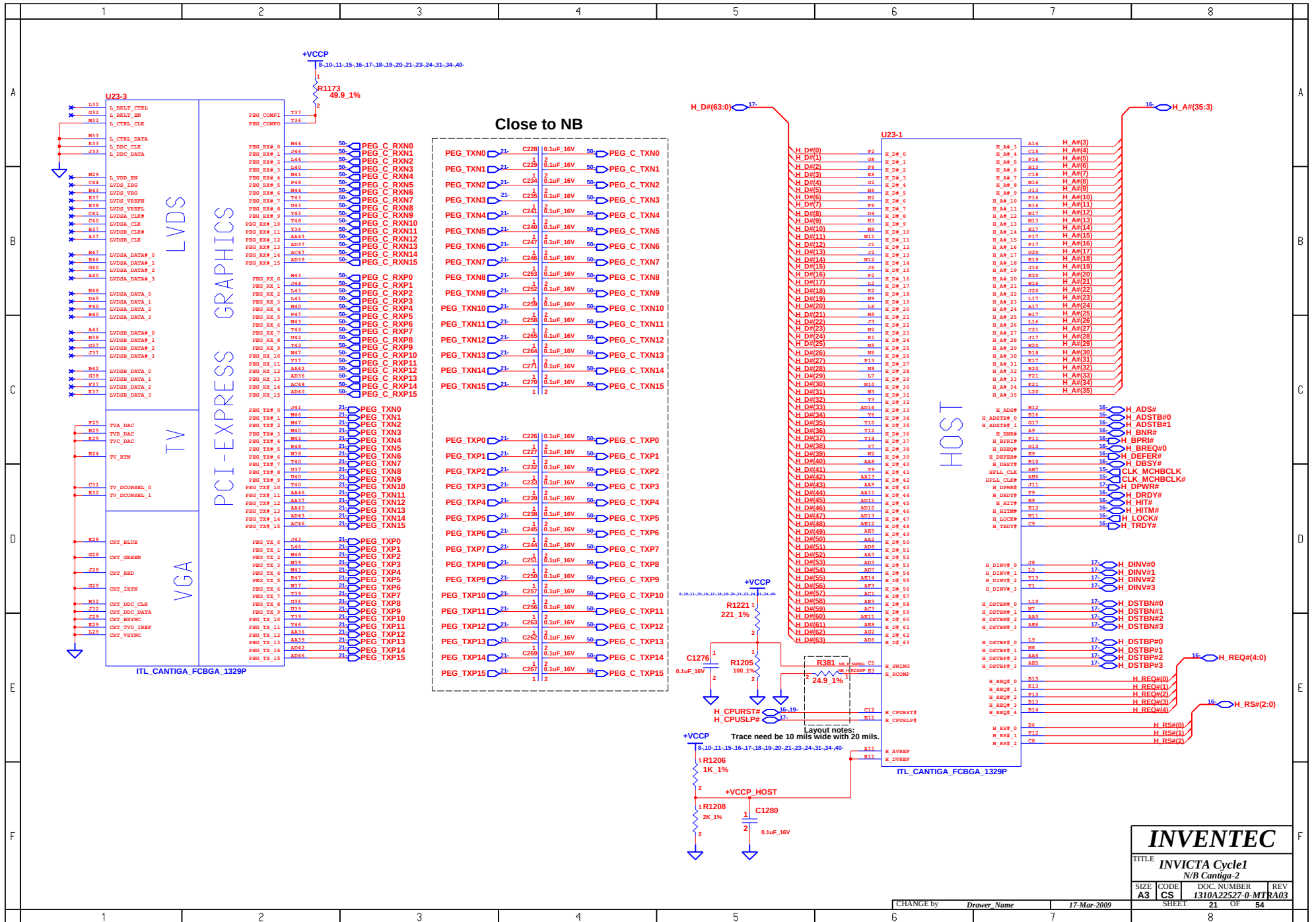
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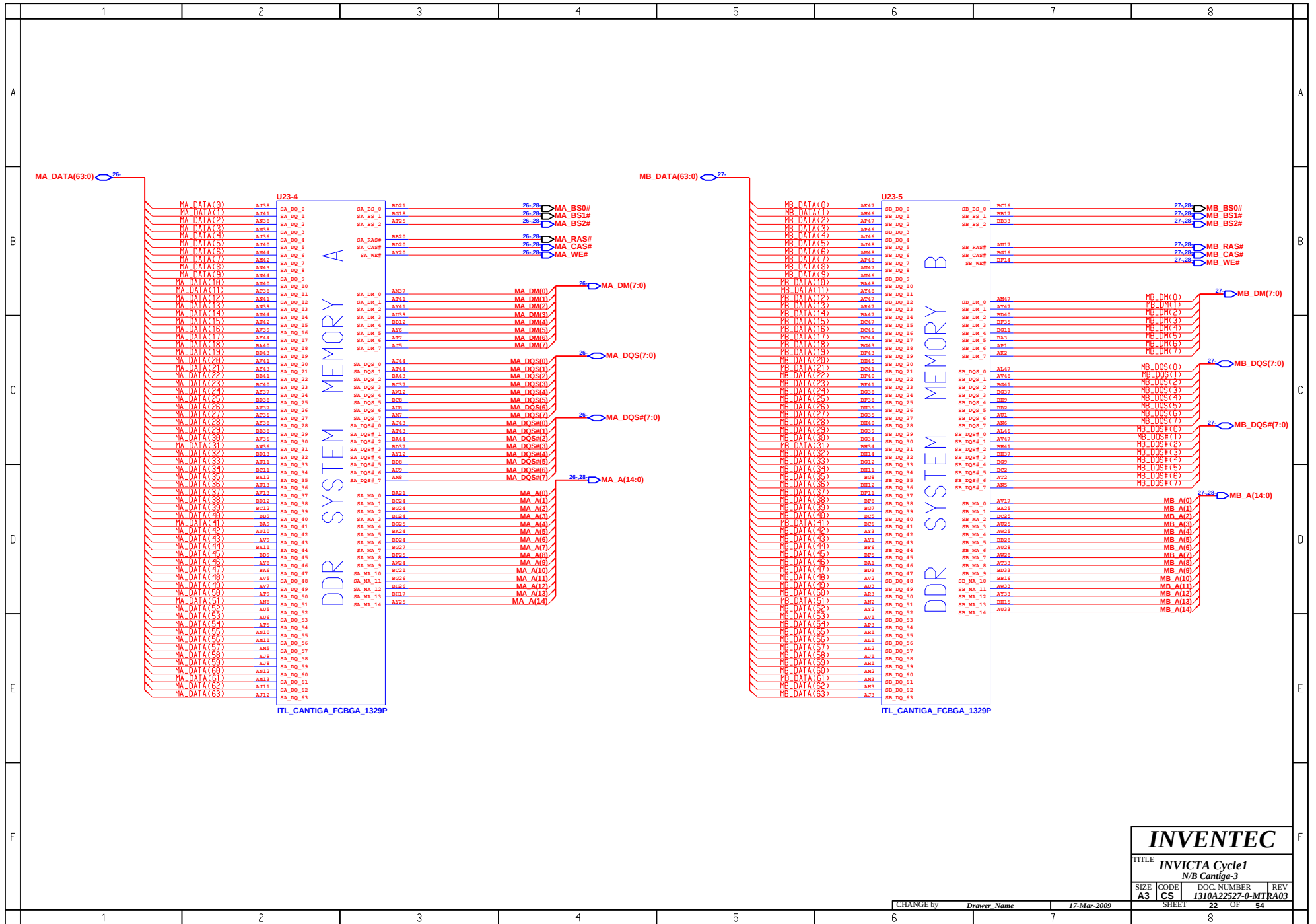
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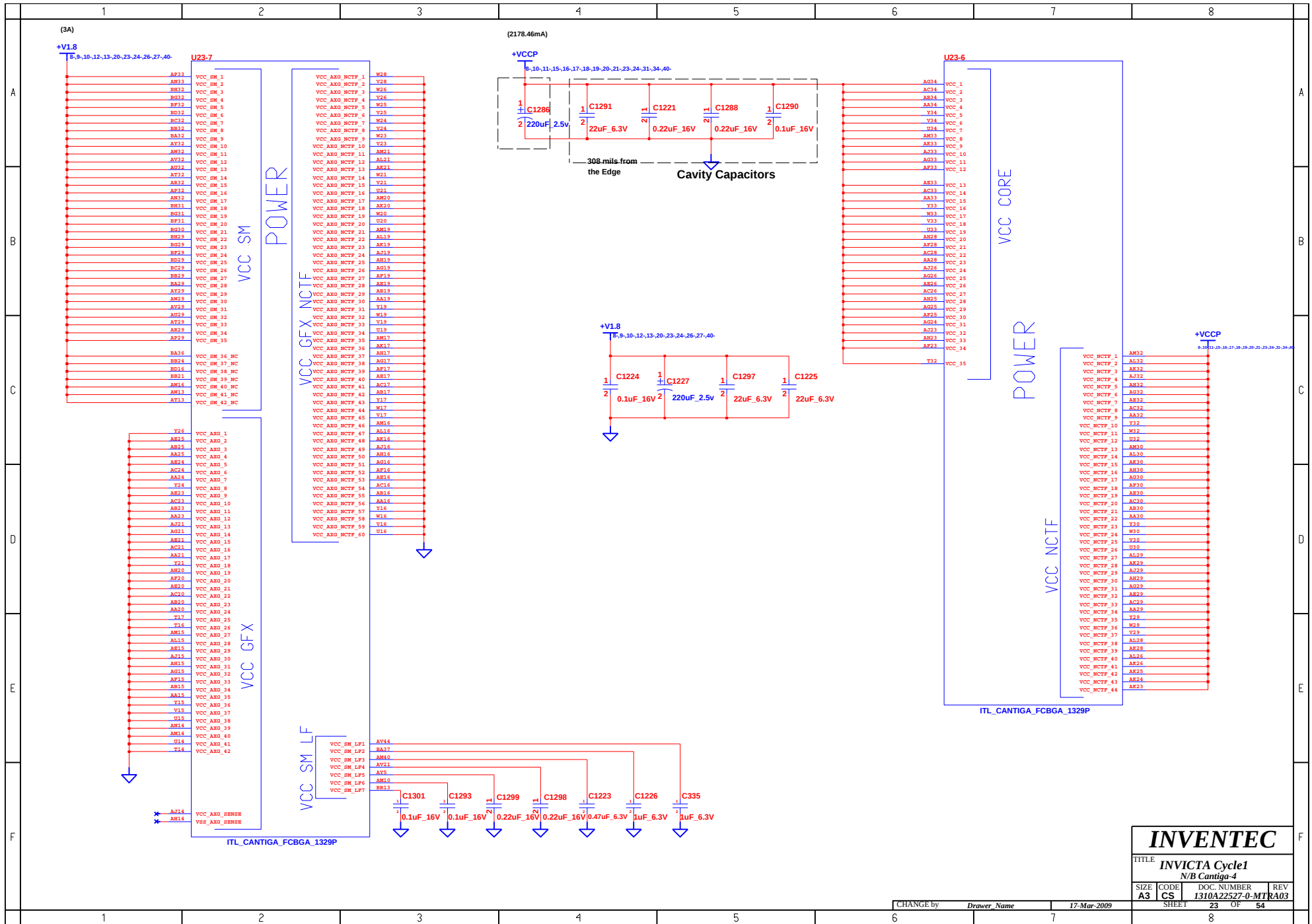


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TITLE
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N/B Cantiga-3

SIZE	CODE	DOC. NUMBER	REV
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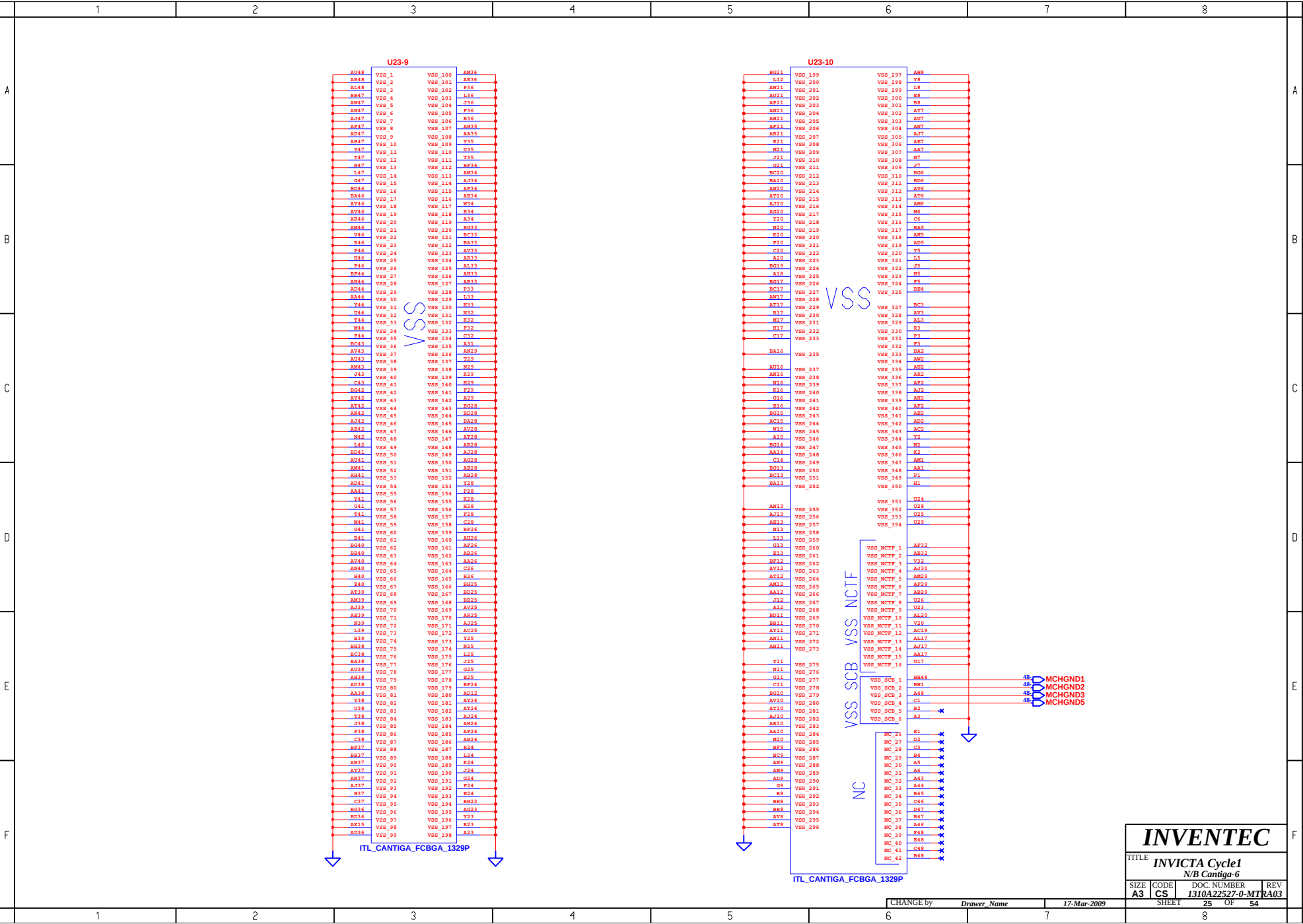
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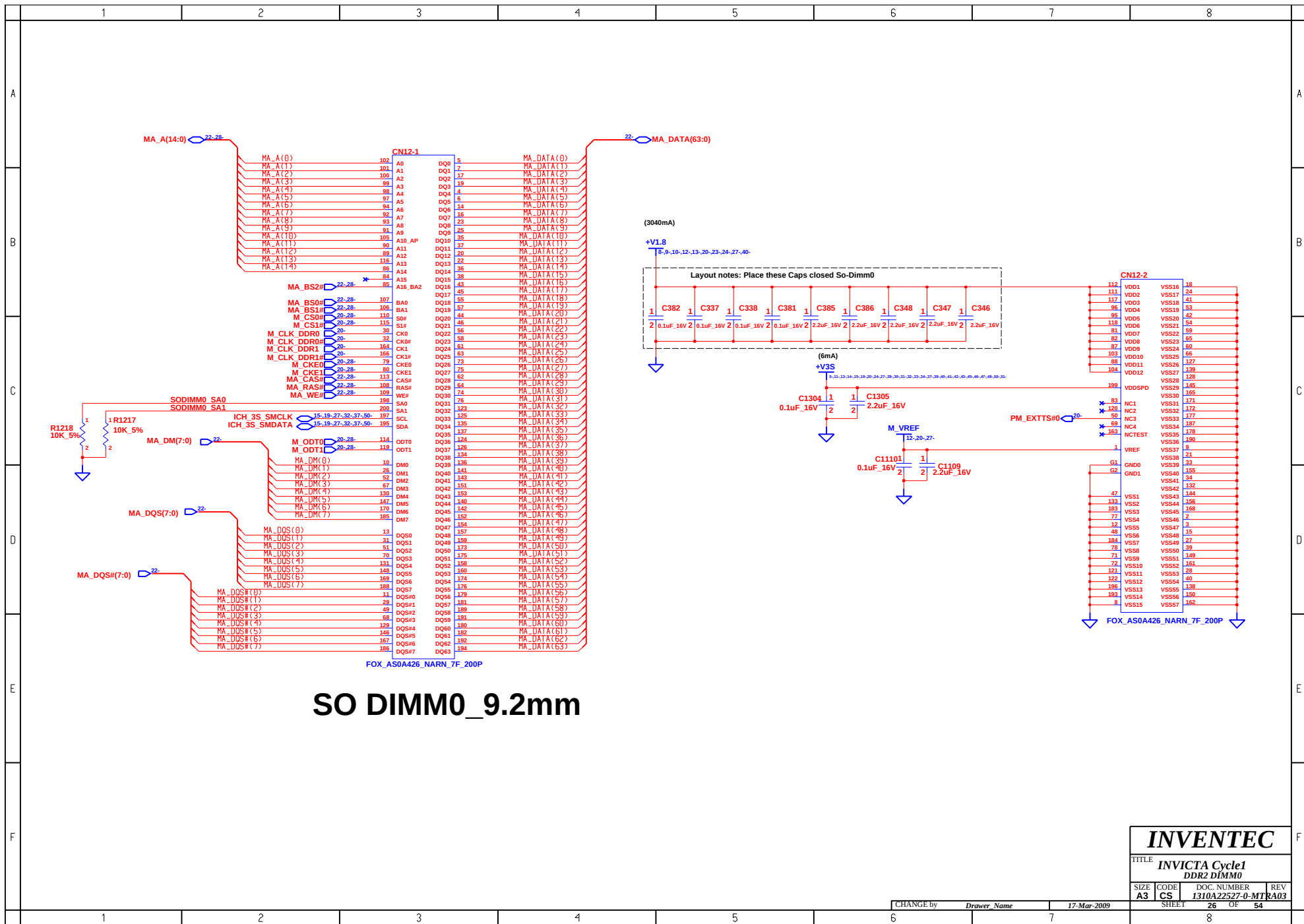
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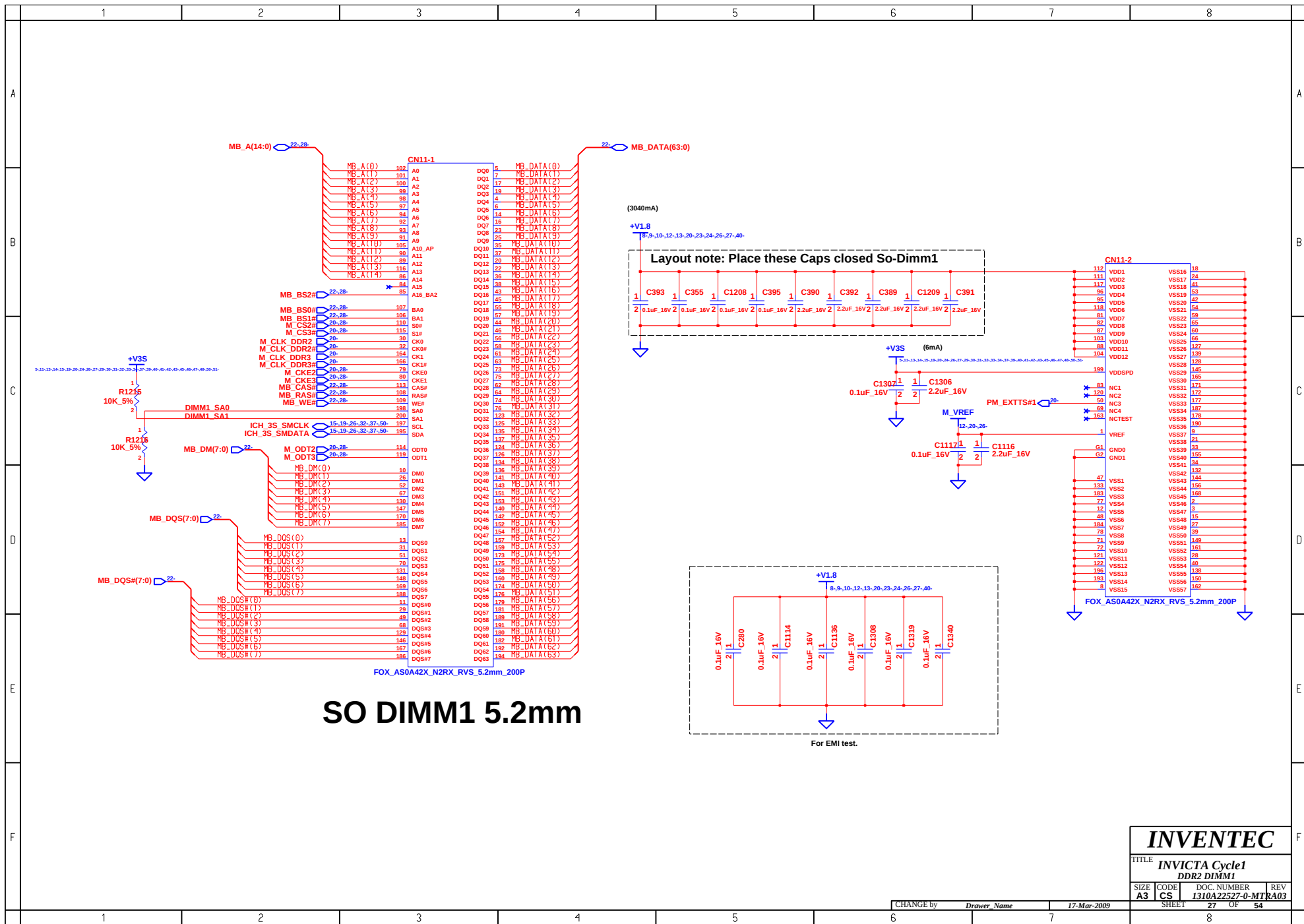
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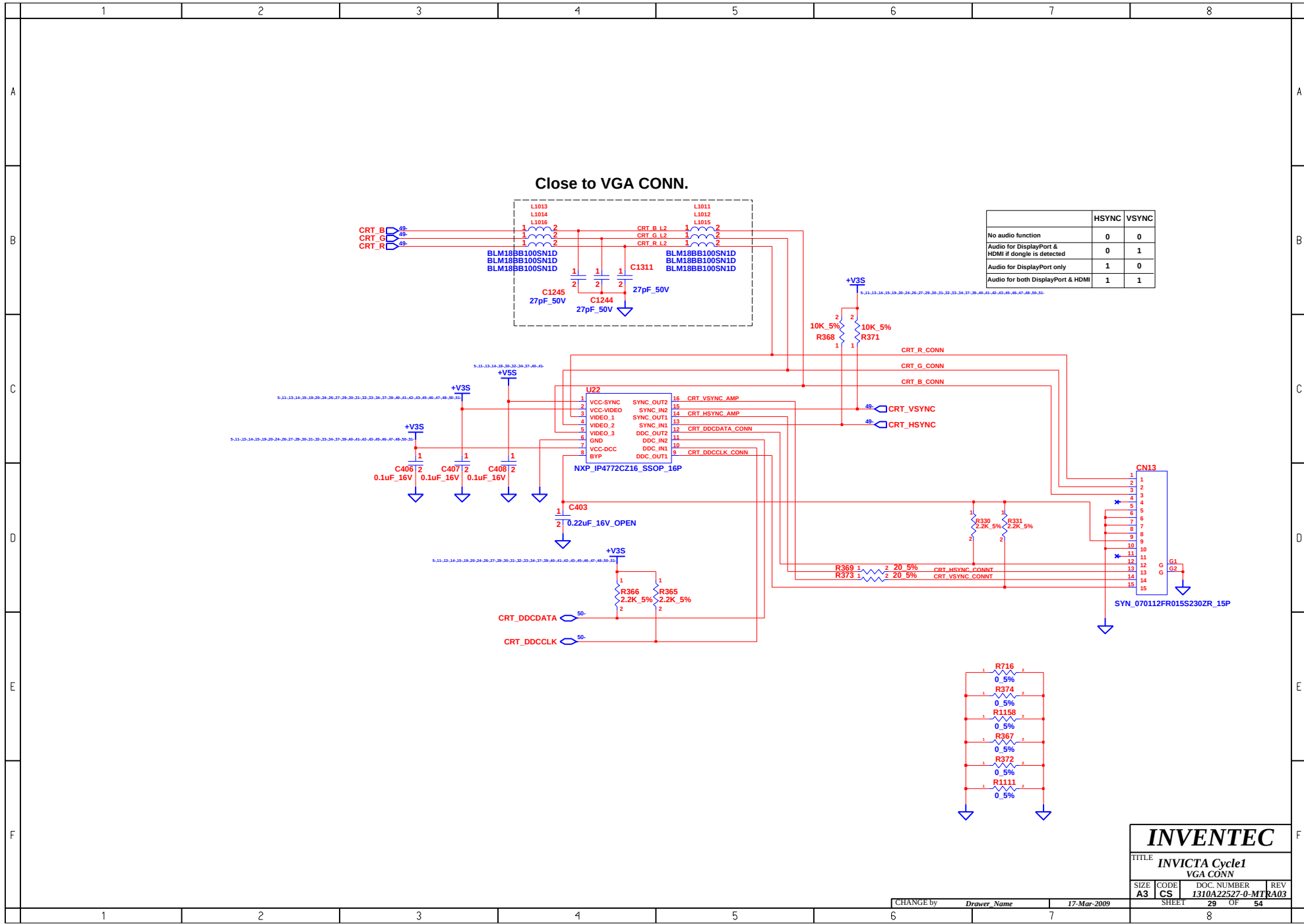


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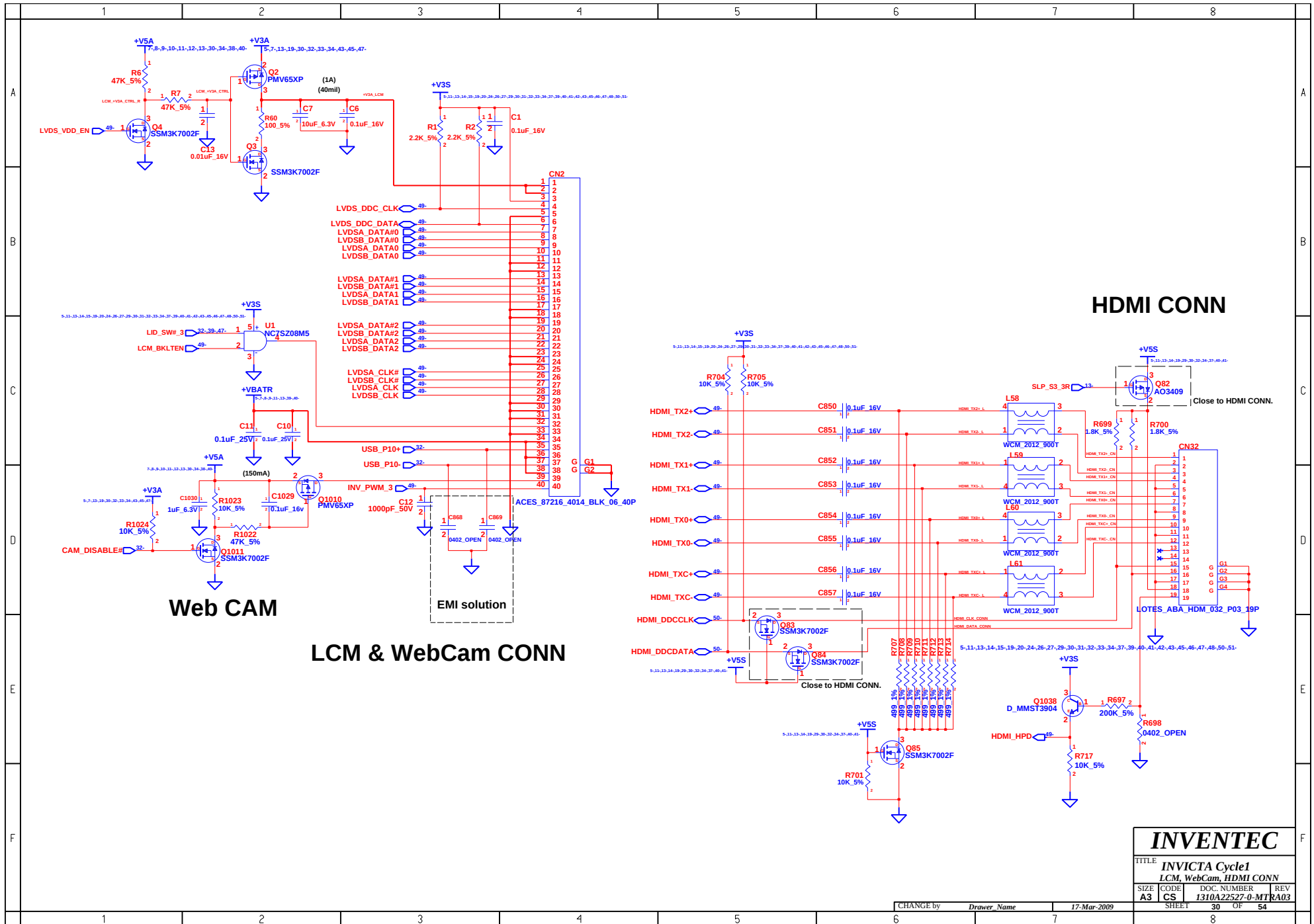
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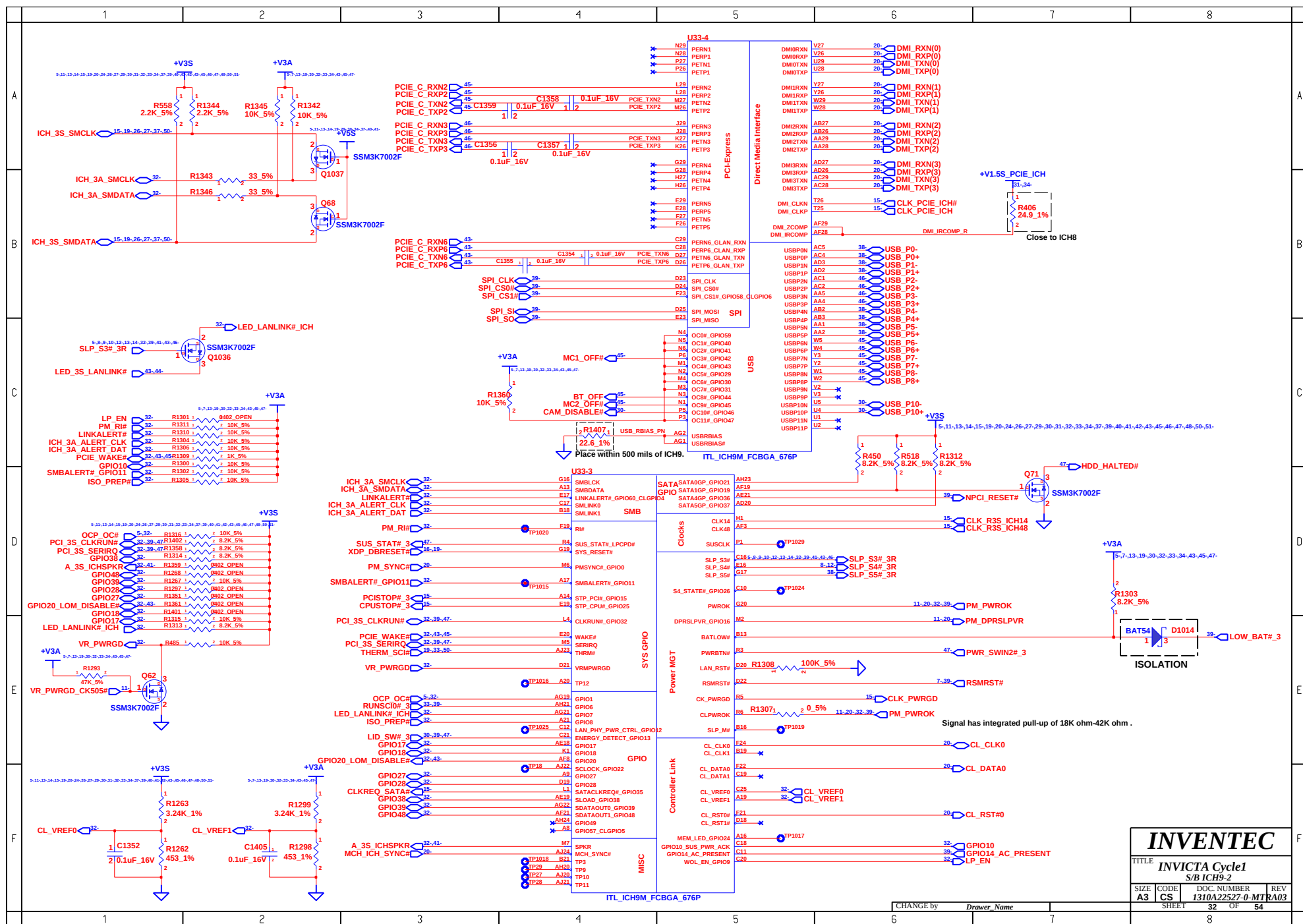


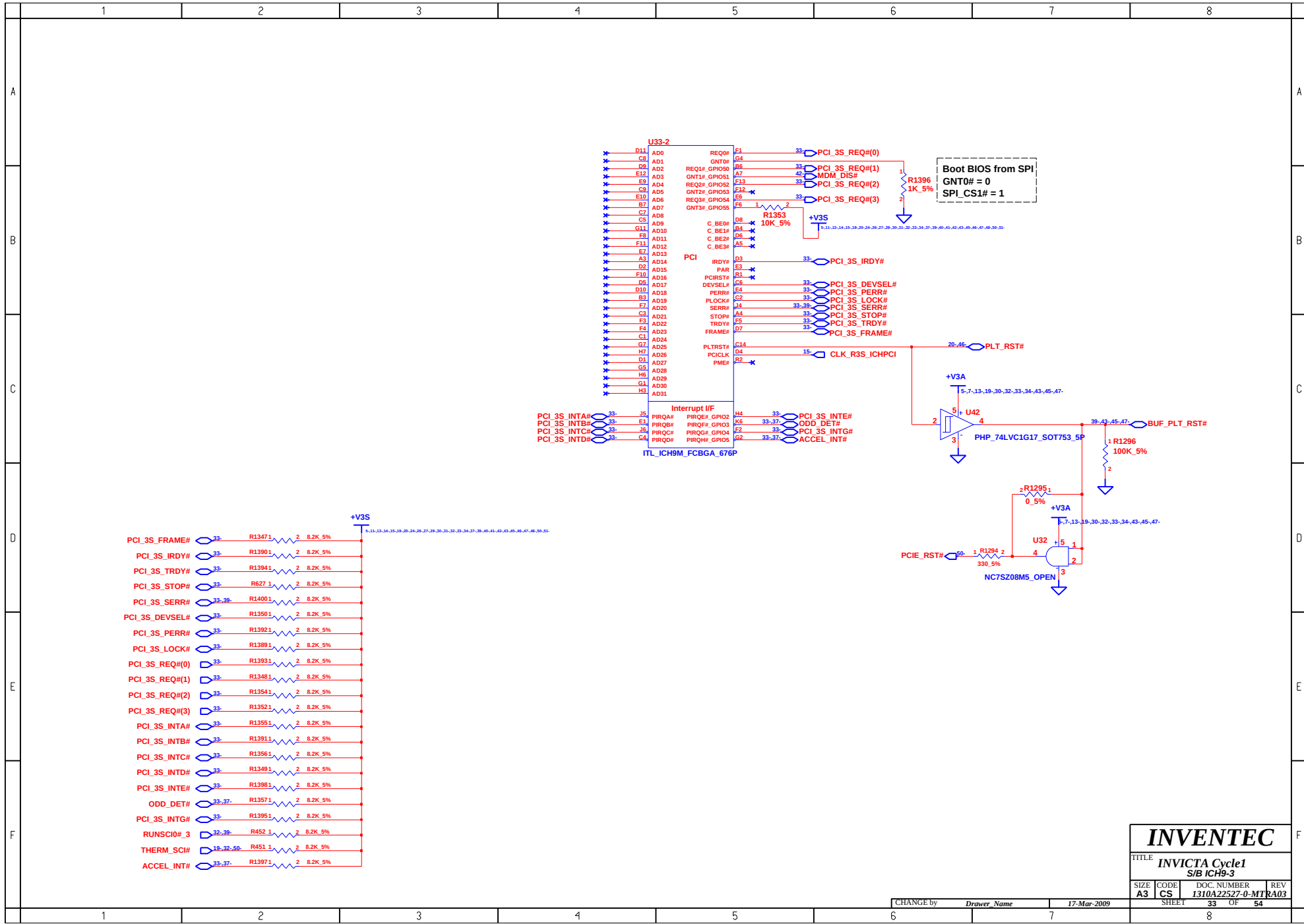


	HSYNC	VSYNC
No audio function	0	0
Audio for DisplayPort & HDMI if dongle is detected	0	1
Audio for DisplayPort only	1	0
Audio for both DisplayPort & HDMI	1	1

INVENTEC			
TITLE INVICTA Cycle1 VGA CONN			
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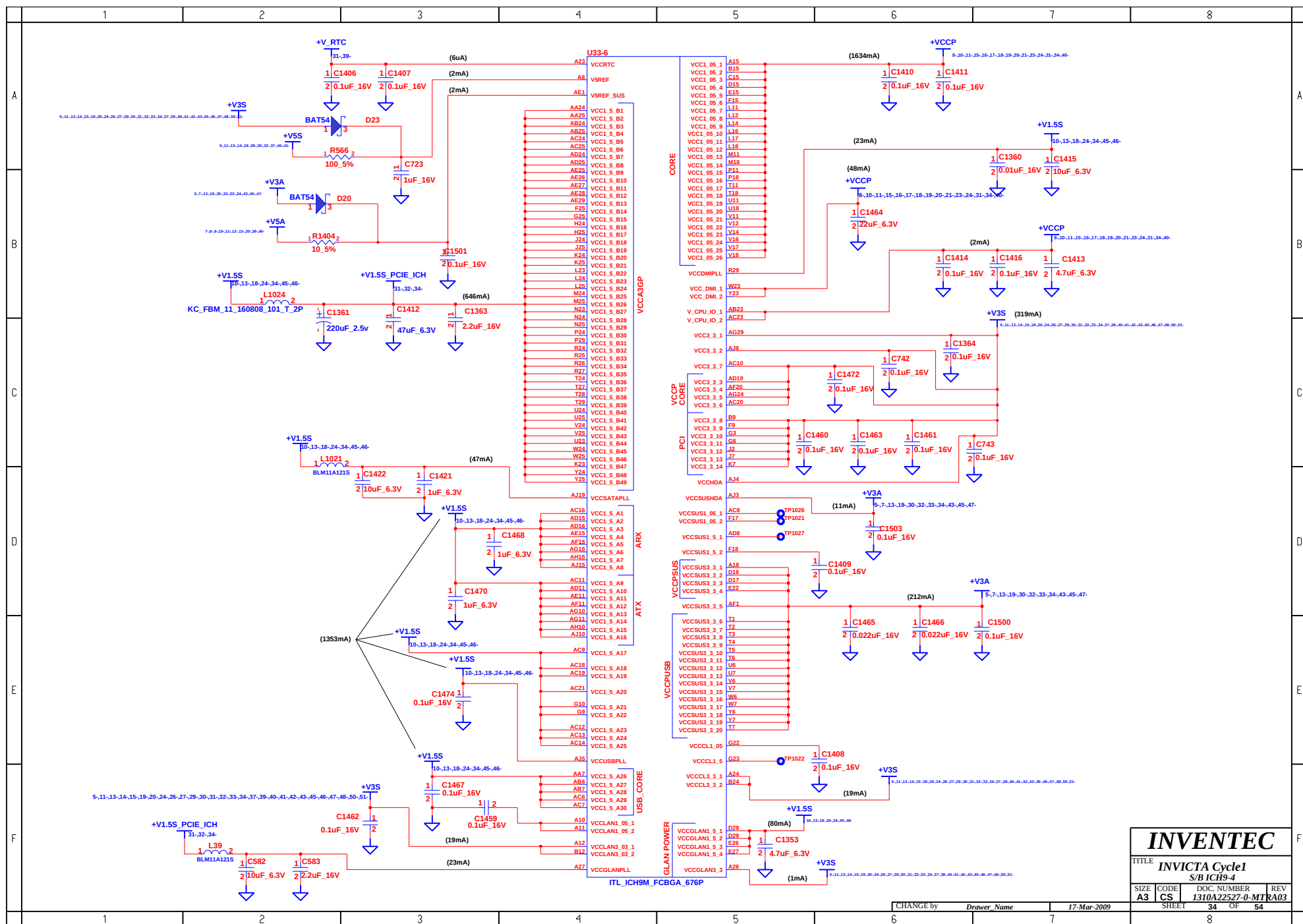
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TITLE
INVICTA Cycle1
S/B ICH9-3

SIZE	CODE	DOC. NUMBER	REV
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	1	2	3	4	5	6	7	8																																																								
A				U33-5 AA26 AA27 AA3 AA6 AB1 AA23 AB28 AB29 AB4 AB5 AC17 AC26 AC27 AC3 AD1 AD10 AD12 AD13 AD14 AD17 AD18 AD21 AD28 AD29 AD4 AD5 AD6 AD7 AD9 AE12 AE13 AE14 AE16 AE17 AE21 AE20 AE24 AE3 AE4 AE6 AE9 AF13 AF16 AF18 AF22 AH26 AF26 AF27 AF5 AF7 AF9 AG13 AG16 AG18 AG20 AG23 AG3 AG5 AG9 AH12 AH14 AH17 AH19 AH2 AH22 AH25 AH28 AH5 AH8 A312 A314 A317 A38 B11 B14 B17 B2 B20 B23 B6 B8 C26 C27 E11 E14 E18 E2 E21 E24 E5 E8 F16 F28 F29 G12 G14 G18 G21 G24 G26 G27 G8 H2 H28 H29 VSS001 VSS002 VSS003 VSS004 VSS005 VSS006 VSS007 VSS008 VSS009 VSS010 VSS011 VSS012 VSS013 VSS014 VSS015 VSS016 VSS017 VSS018 VSS019 VSS020 VSS021 VSS022 VSS023 VSS024 VSS025 VSS026 VSS027 VSS028 VSS029 VSS030 VSS031 VSS032 VSS033 VSS034 VSS035 VSS036 VSS037 VSS038 VSS039 VSS040 VSS041 VSS042 VSS043 VSS044 VSS045 VSS046 VSS047 VSS048 VSS049 VSS050 VSS051 VSS052 VSS053 VSS054 VSS055 VSS056 VSS057 VSS058 VSS059 VSS060 VSS061 VSS062 VSS063 VSS064 VSS065 VSS066 VSS067 VSS068 VSS069 VSS070 VSS071 VSS072 VSS073 VSS074 VSS075 VSS076 VSS077 VSS078 VSS079 VSS080 VSS081 VSS082 VSS083 VSS084 VSS085 VSS086 VSS087 VSS088 VSS089 VSS090 VSS091 VSS092 VSS093 VSS094 VSS095 VSS096 VSS097 VSS098 VSS099 VSS100 VSS101 VSS102 VSS103 VSS104 VSS105 VSS106 H5 J23 J26 J27 AC22 K28 K29 L13 L15 L2 L26 L27 L5 L7 M12 M13 M14 M15 M16 M17 M23 M28 M29 N11 N12 N13 N14 N15 N16 N17 N18 N26 N27 P12 P13 P14 P15 P16 P17 P2 P23 P28 P29 P4 P7 R11 R12 R13 R14 R15 R16 R17 R18 R28 T12 T13 T14 T15 T16 T17 T23 U2 U12 U13 U14 U15 U16 U17 AD23 U26 U27 U3 V1 V11 V15 V23 V28 V29 V4 V5 W26 W27 W3 Y1 Y28 Y29 Y4 Y5 AC28 AH6 AF2 B25 ITL_ICH9M_FCBGA_676P ICHGND1 ICHGND4 ICHGND7 ICHGND10 <tr><td>B</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>D</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>F</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> TITLE INVENTEC INVICTA Cycle1 S/B ICH9-5 SIZE A3 CODE CS DOC. NUMBER 1310A22527-0-MTR REV RA03 SHEET 35 OF 54 <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td></td></tr></td></tr>	B										C										D										E										F									TITLE INVENTEC INVICTA Cycle1 S/B ICH9-5 SIZE A3 CODE CS DOC. NUMBER 1310A22527-0-MTR REV RA03 SHEET 35 OF 54 <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td></td></tr>		1	2	3	4	5	6	7	8	
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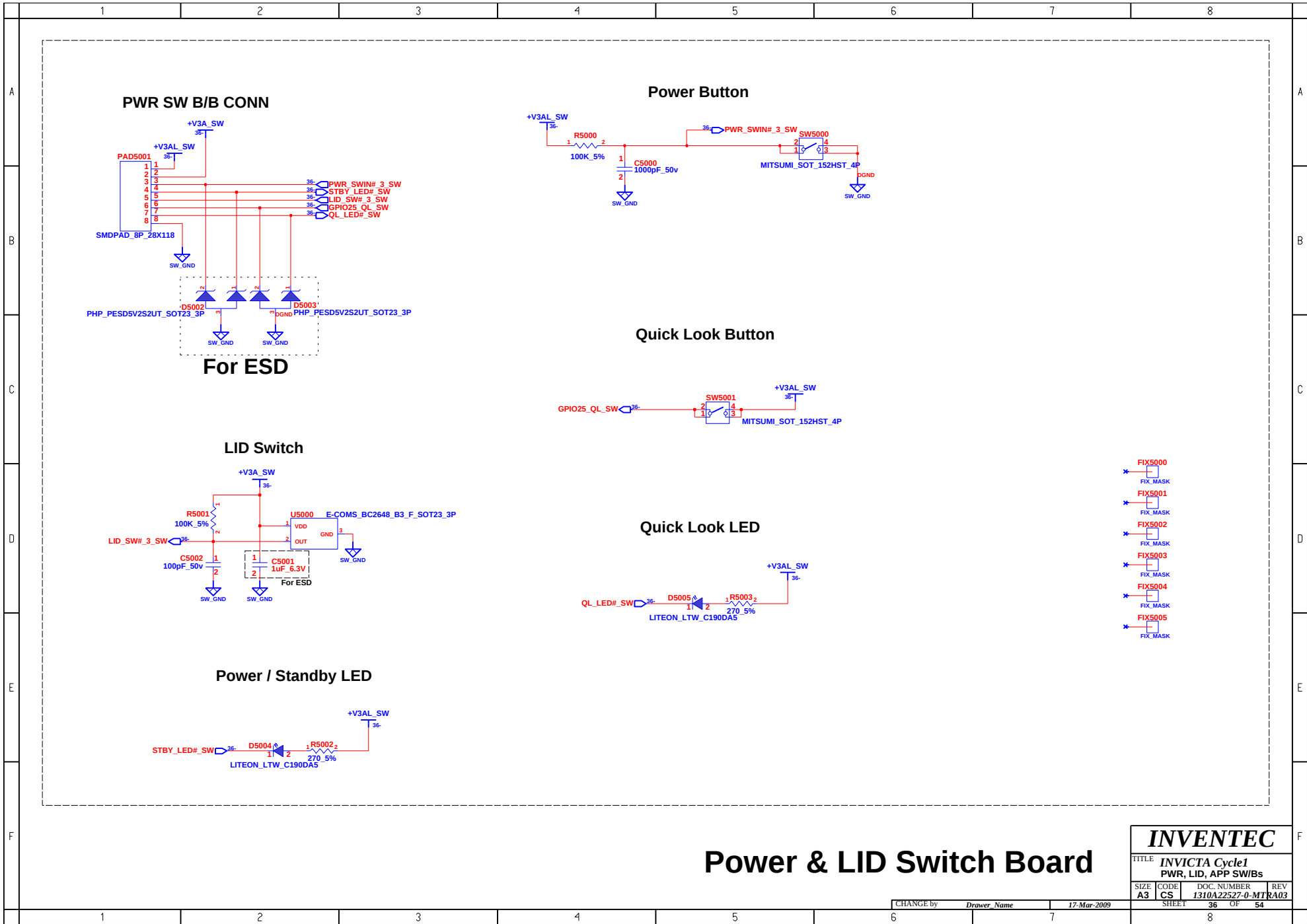
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TITLE
 INVICTA Cycle1
 S/B ICH9-5

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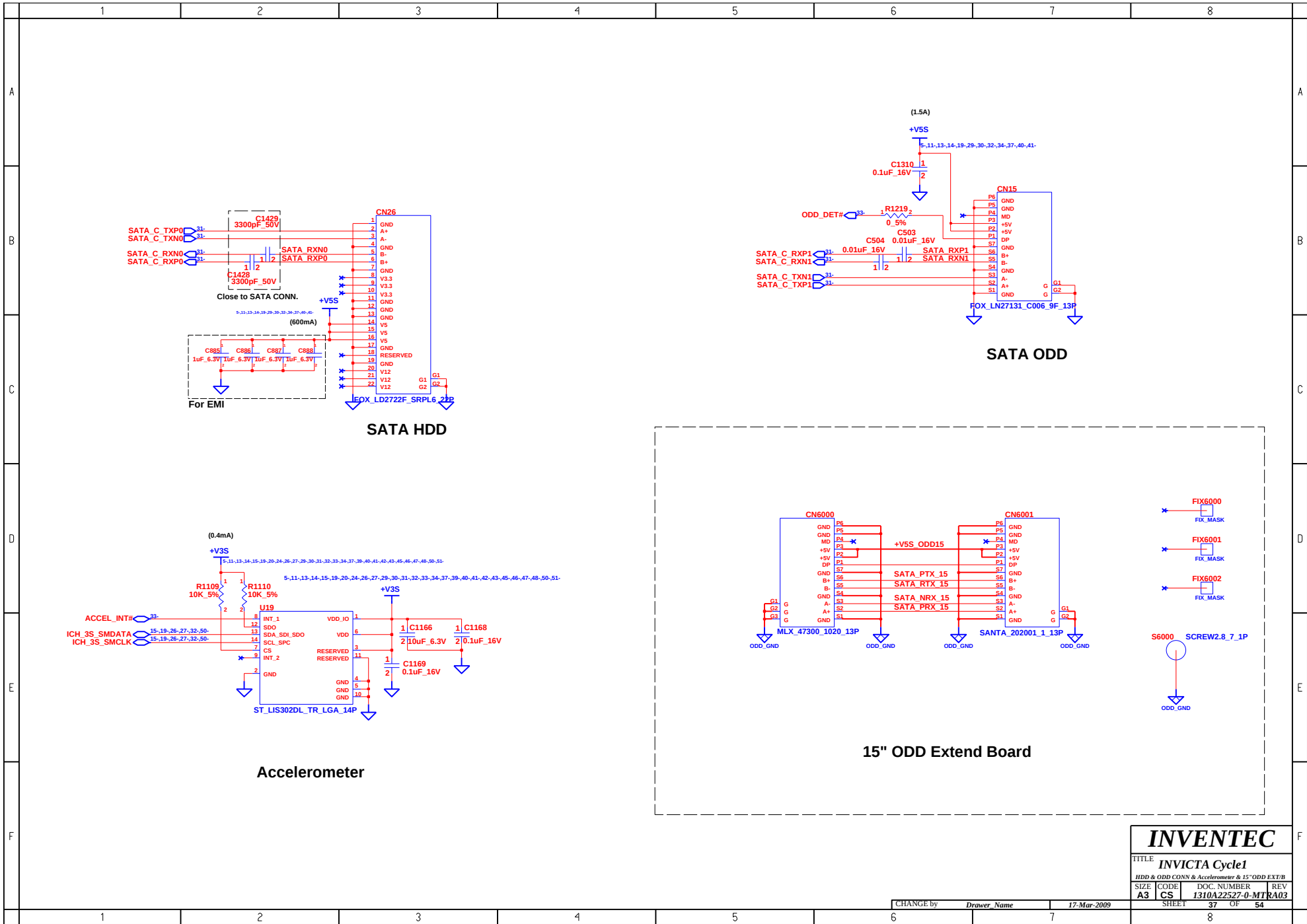


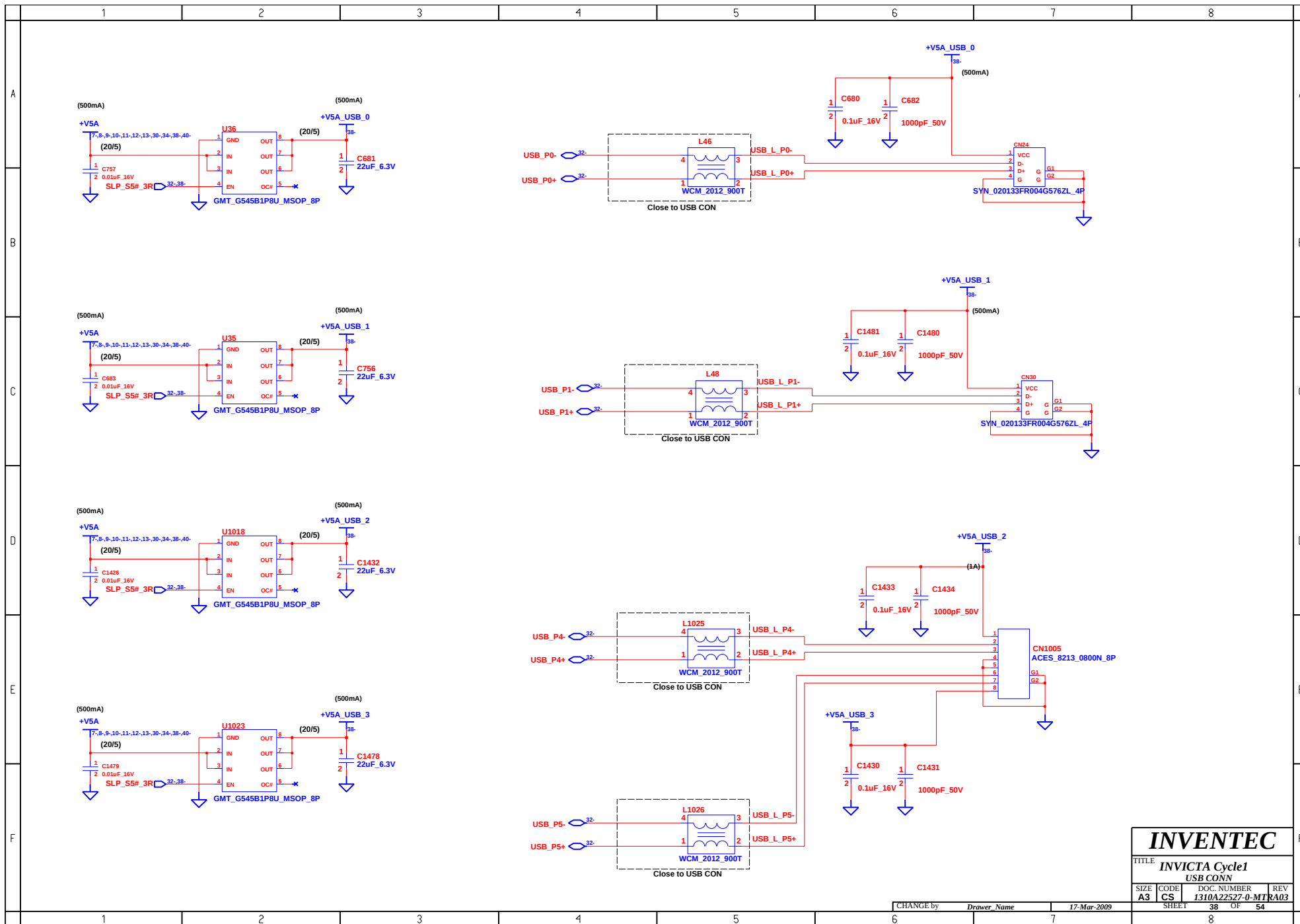
Power & LID Switch Board

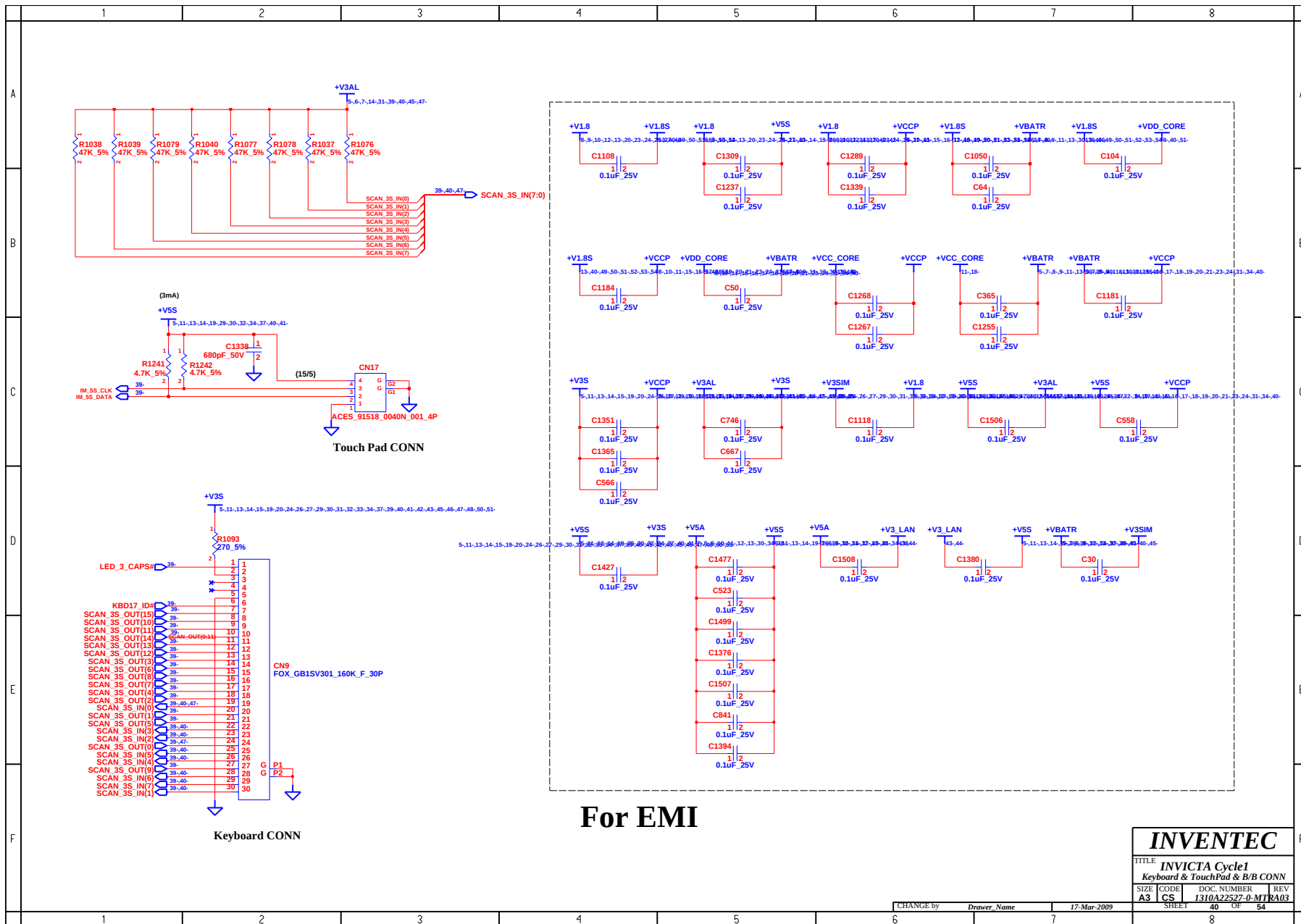
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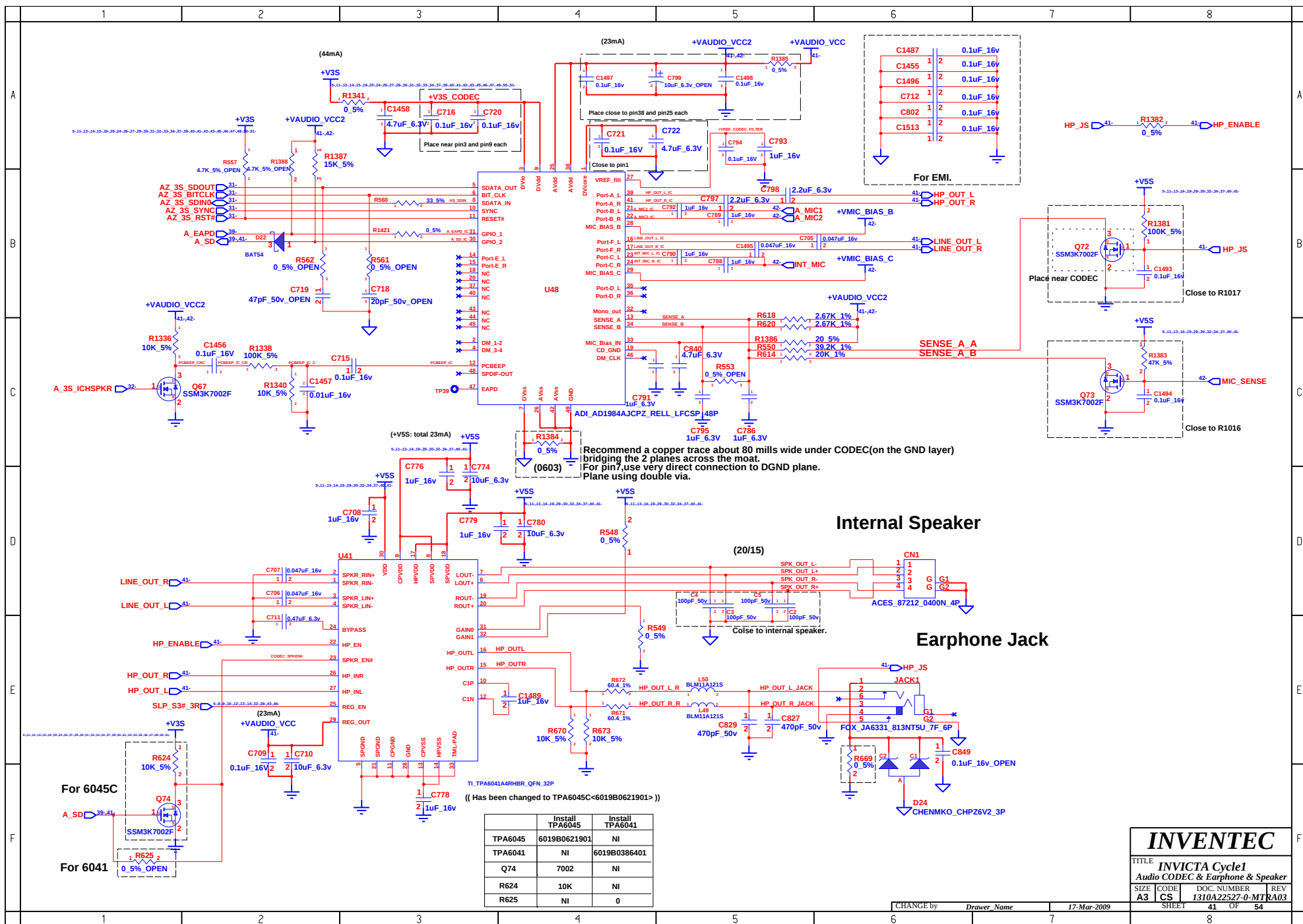
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			PWR, LID, APP SW/BS
SIZE	CODE	DOC. NUMBER	REV
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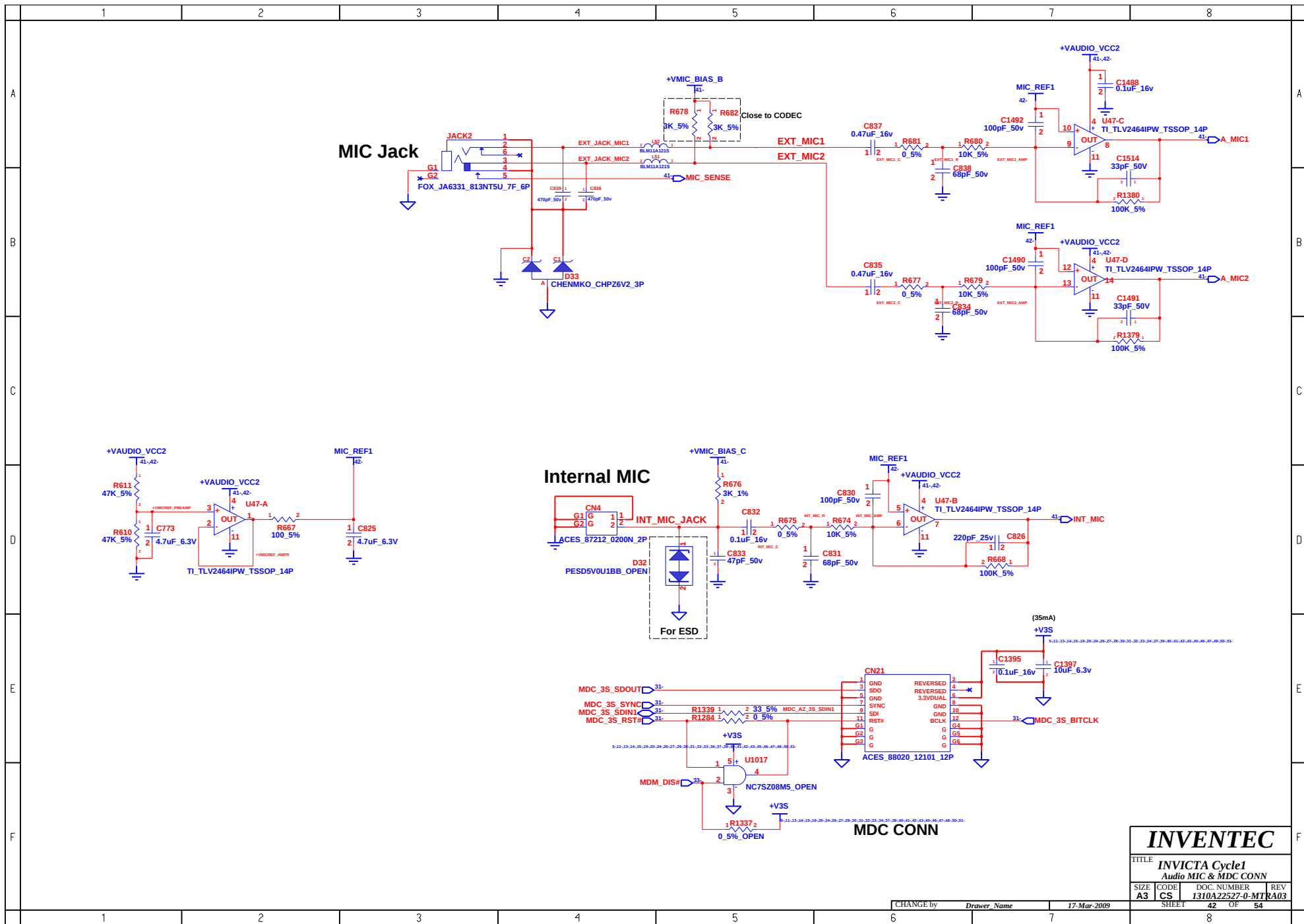
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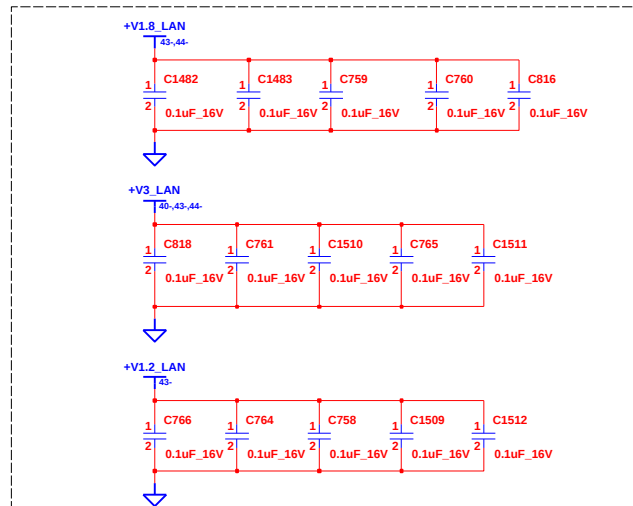




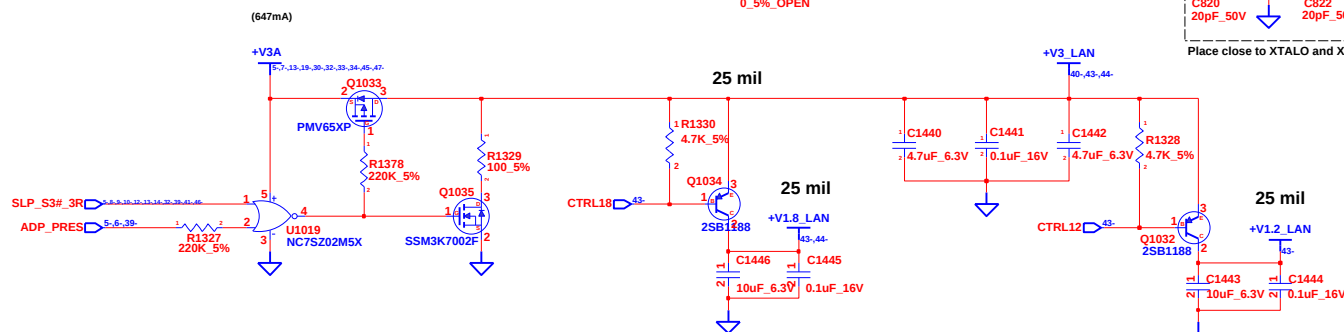
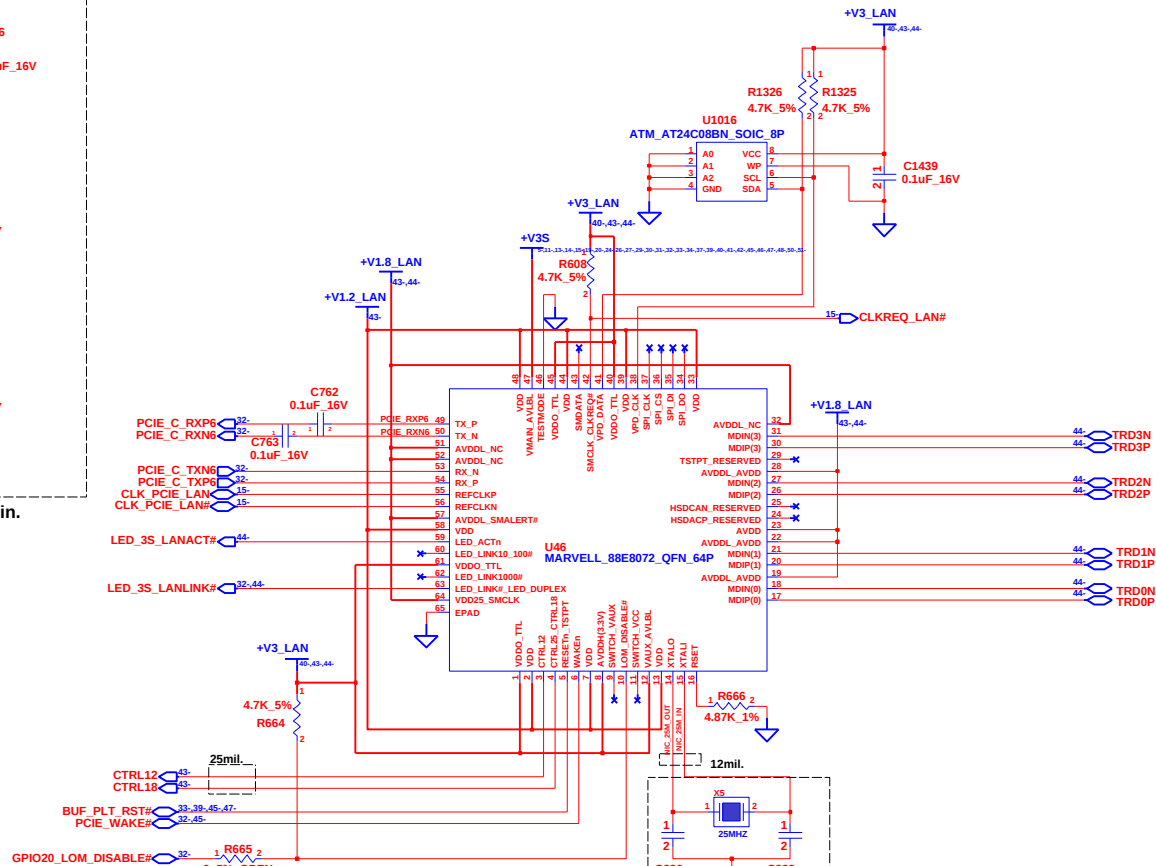
INVICTA

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			Audio MIC & MDC CONN	
SIZE	CODE	DOC. NUMBER	REV	
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Place bypass cap as close as possible with every power pin.



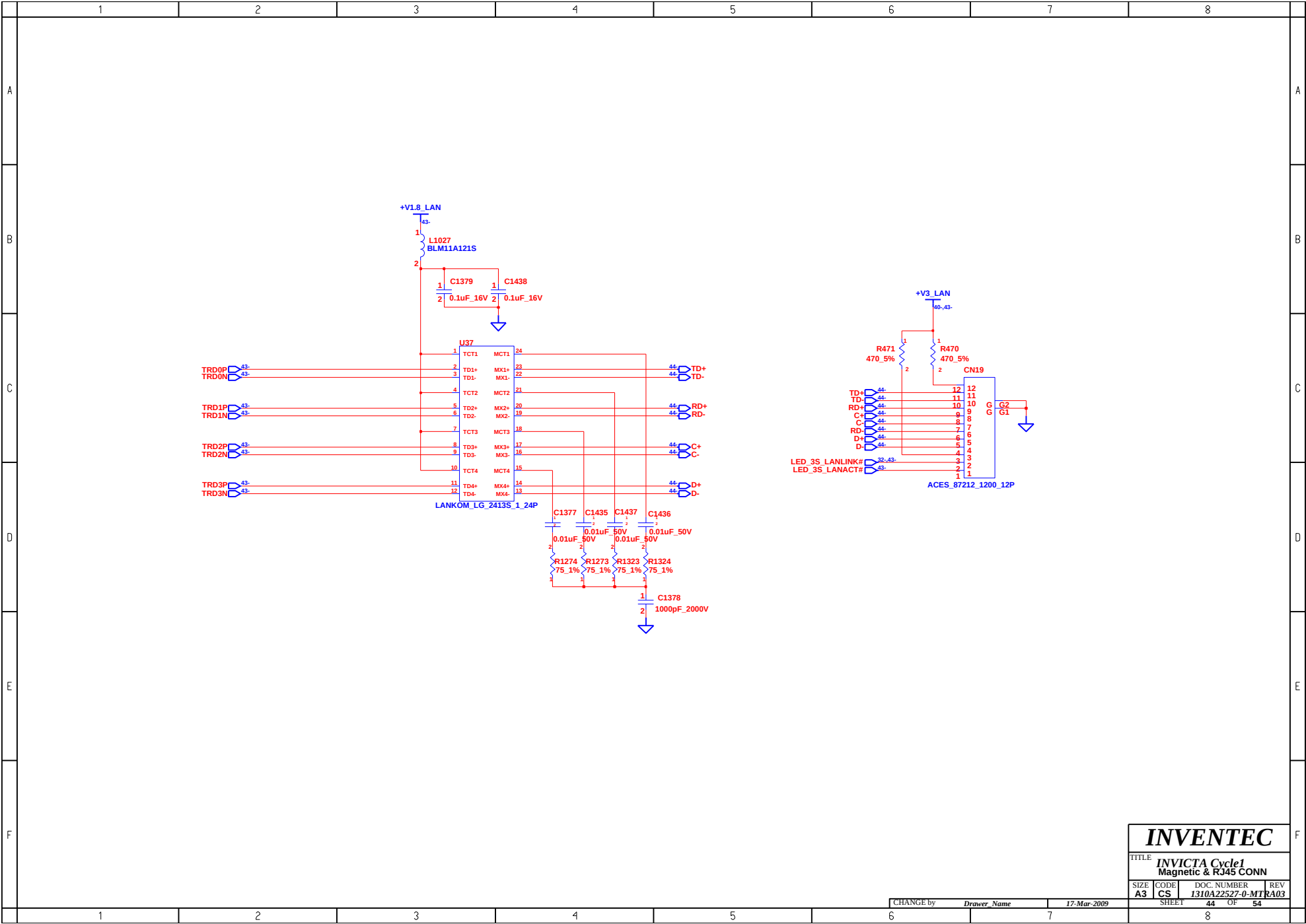
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TITLE
INVICTA Cycle1
Giga LAN Controller

SIZE A3	CODE CS	DOC. NUMBER 1310A22527-0-MT	REV RA03
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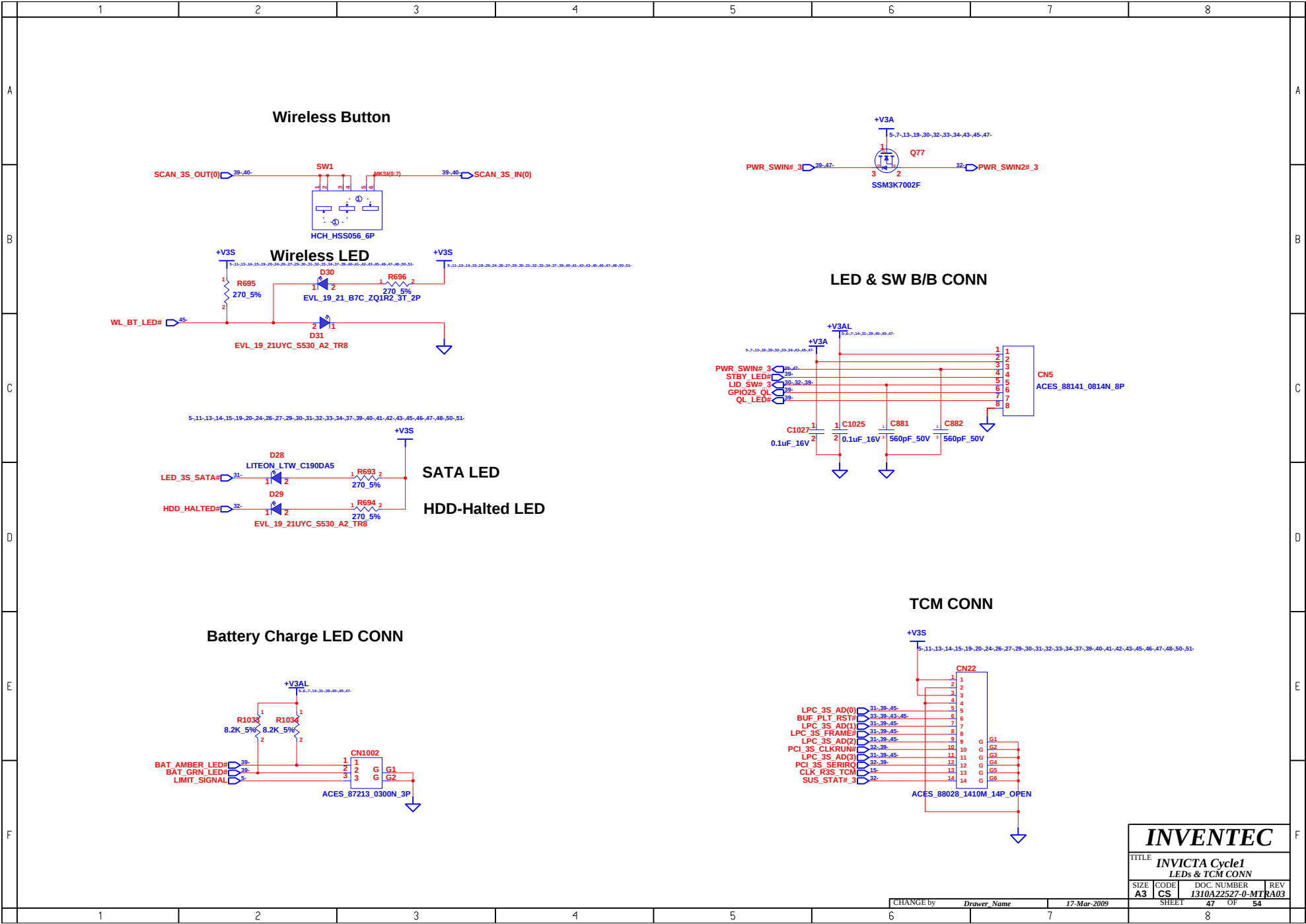
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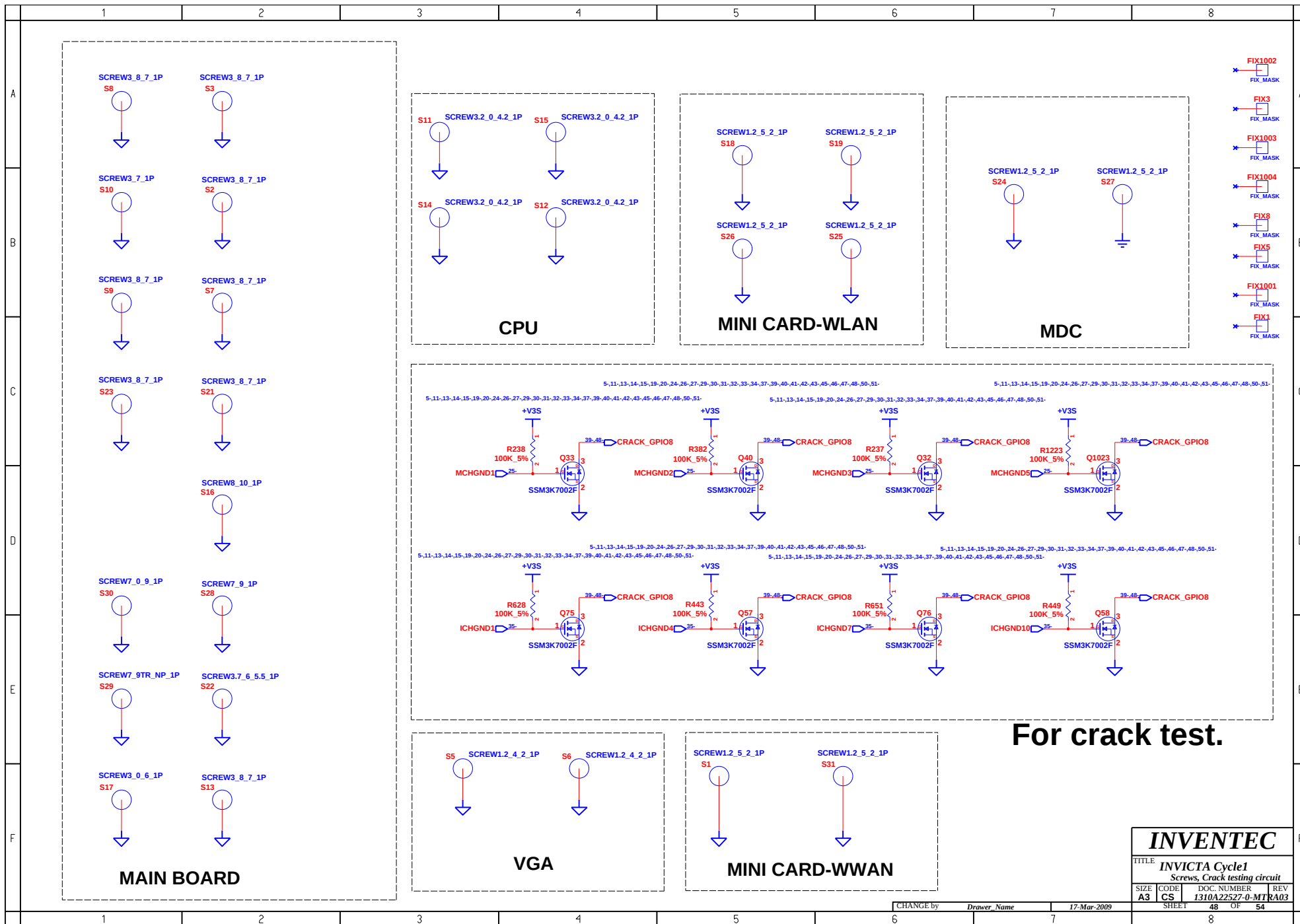
TITLE **INVICTA Cycle1**
Magnetic & RJ45 CONN

SIZE	CODE	DOC. NUMBER	REV
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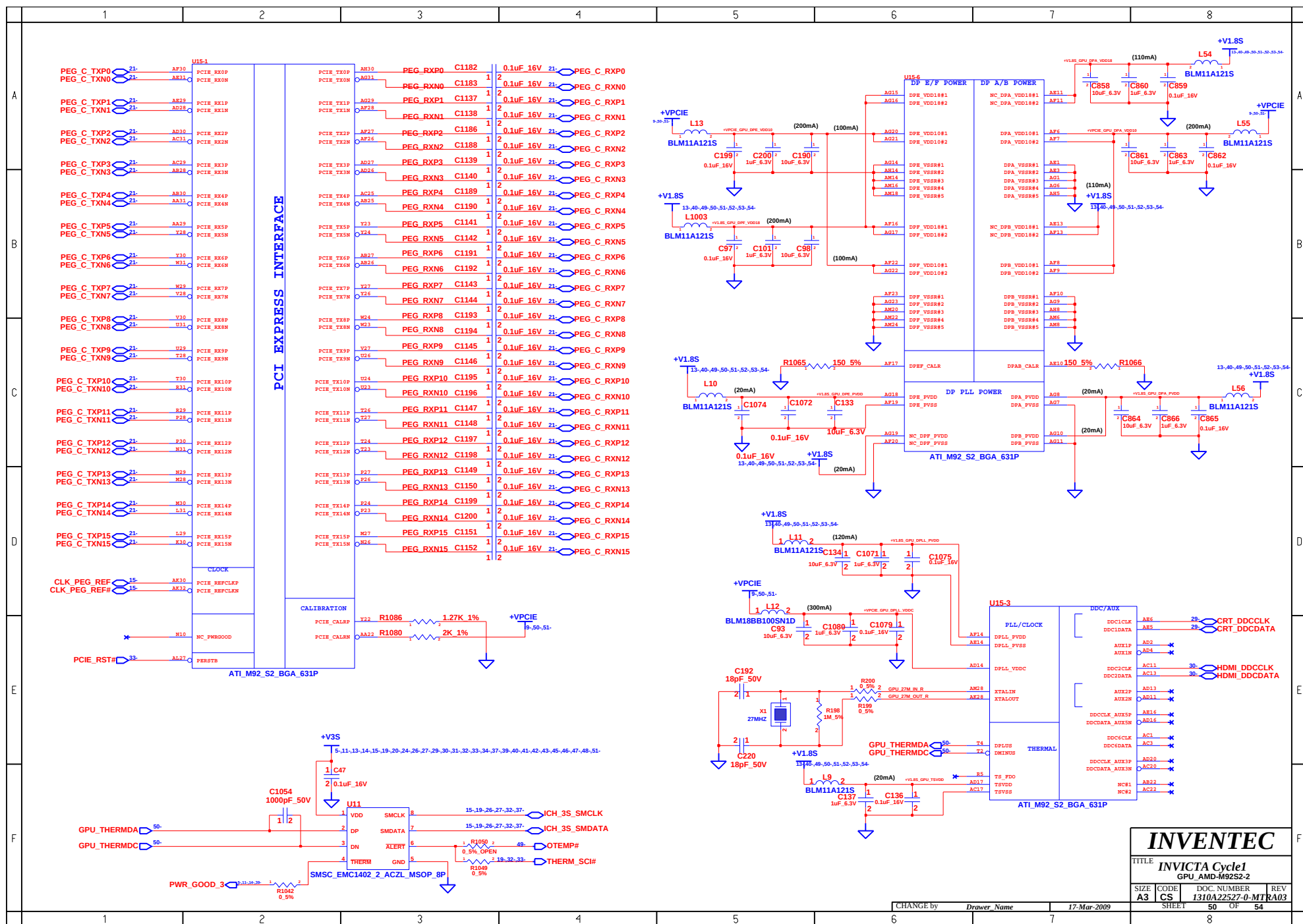


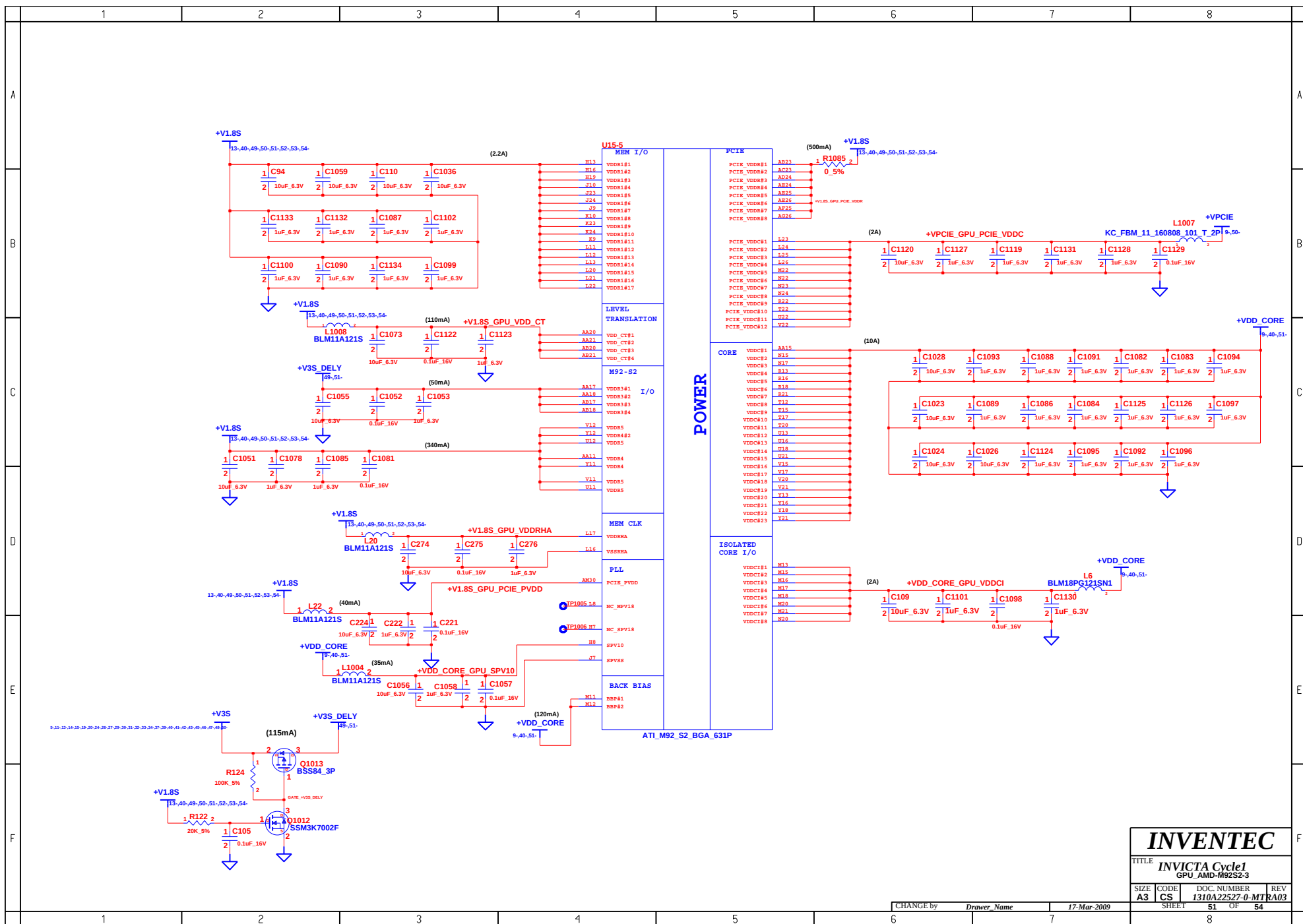
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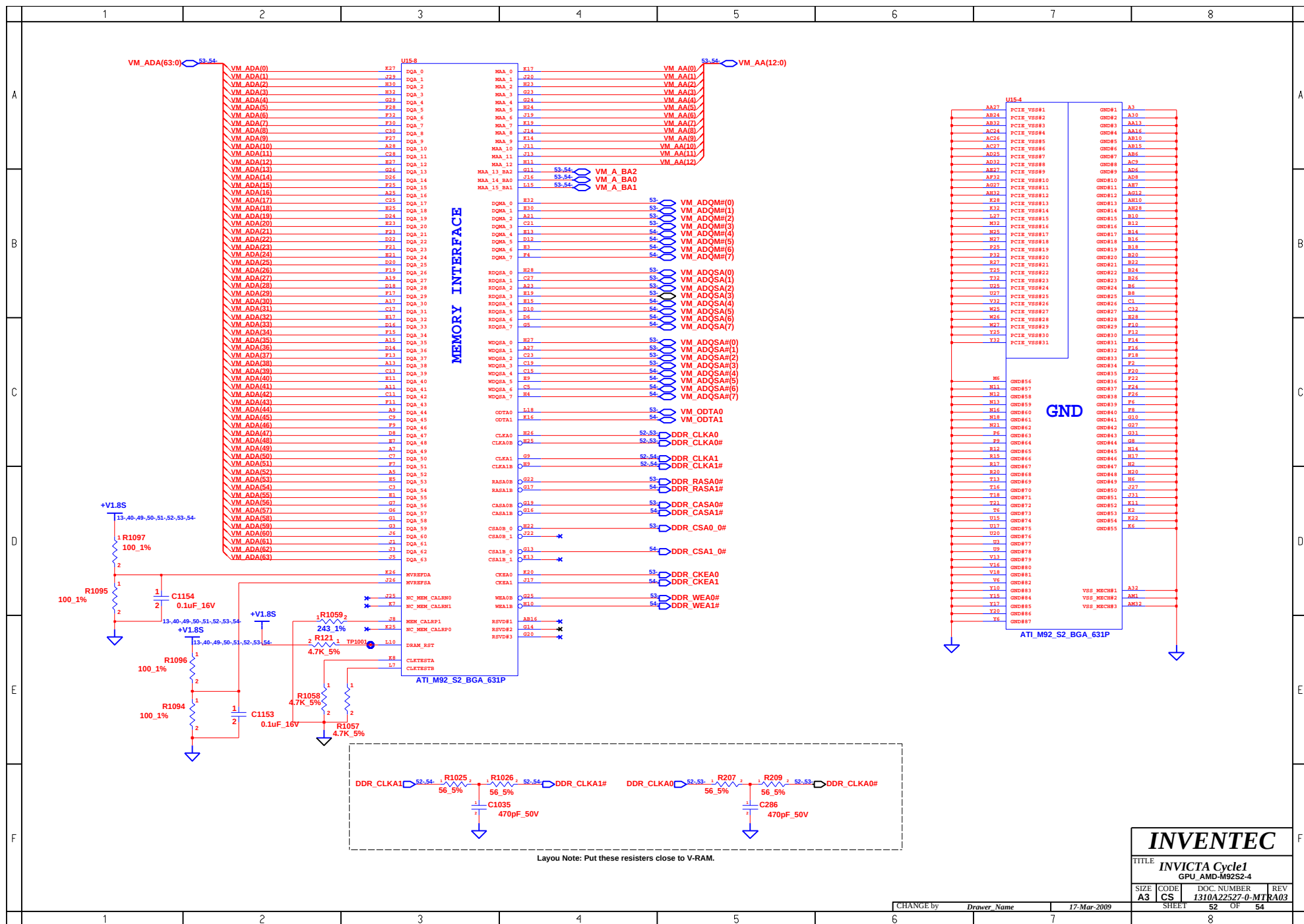
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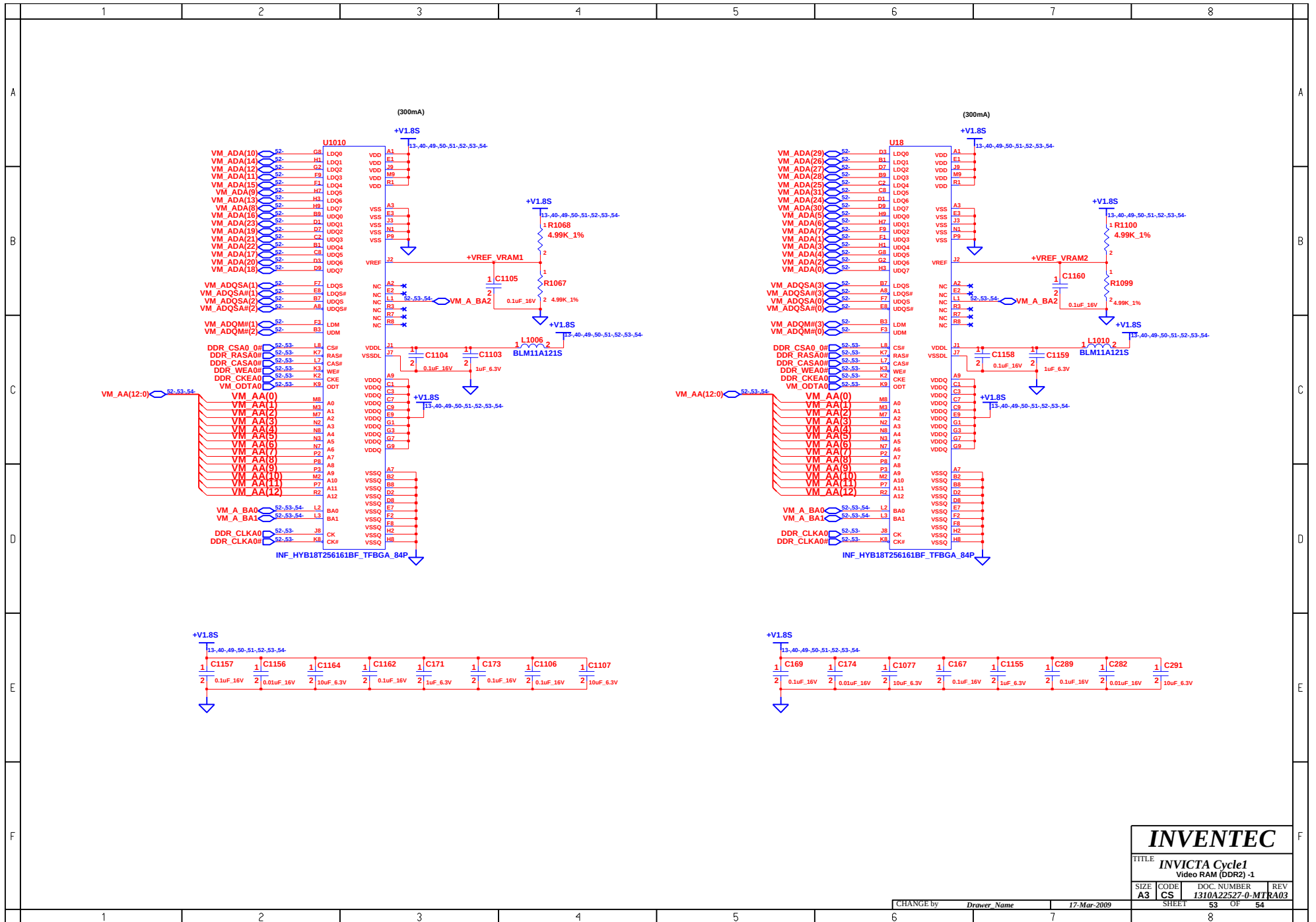
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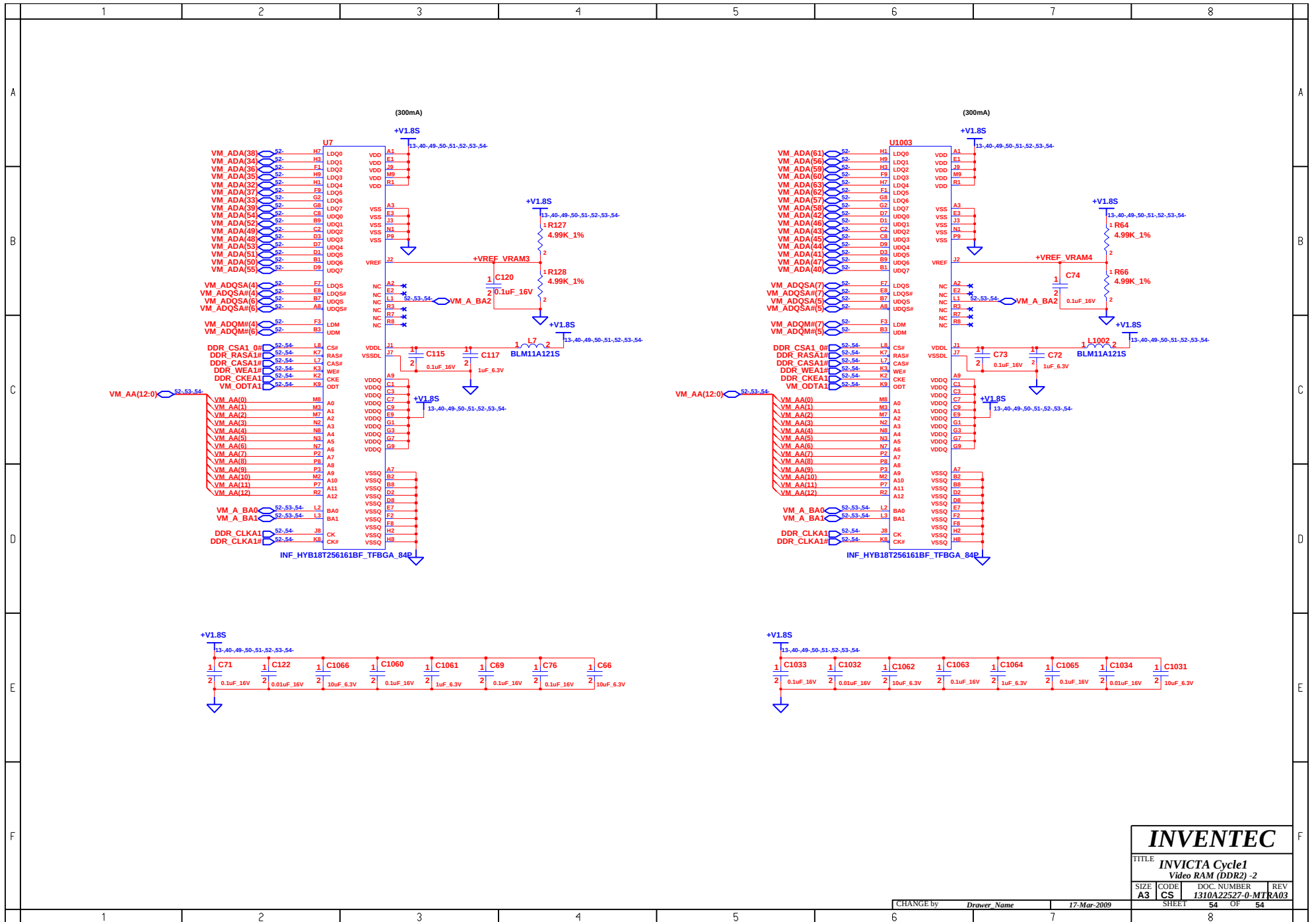




INVENTEC

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INVICTA Cycle1			
Video RAM (DDR2) -1			
SIZE	CODE	DOC. NUMBER	REV
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Video RAM (DDR2) -2			
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