

Potomac 10A+/AG+

CS BUILD

2008.02.22

INVENTEC

TITLE
Potomac10A+/AG+

SIZE A3	CODE CS	DOC. NUMBER 1310A2172301	REV A01
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CHANGE by **EERD** 22-Feb-2008

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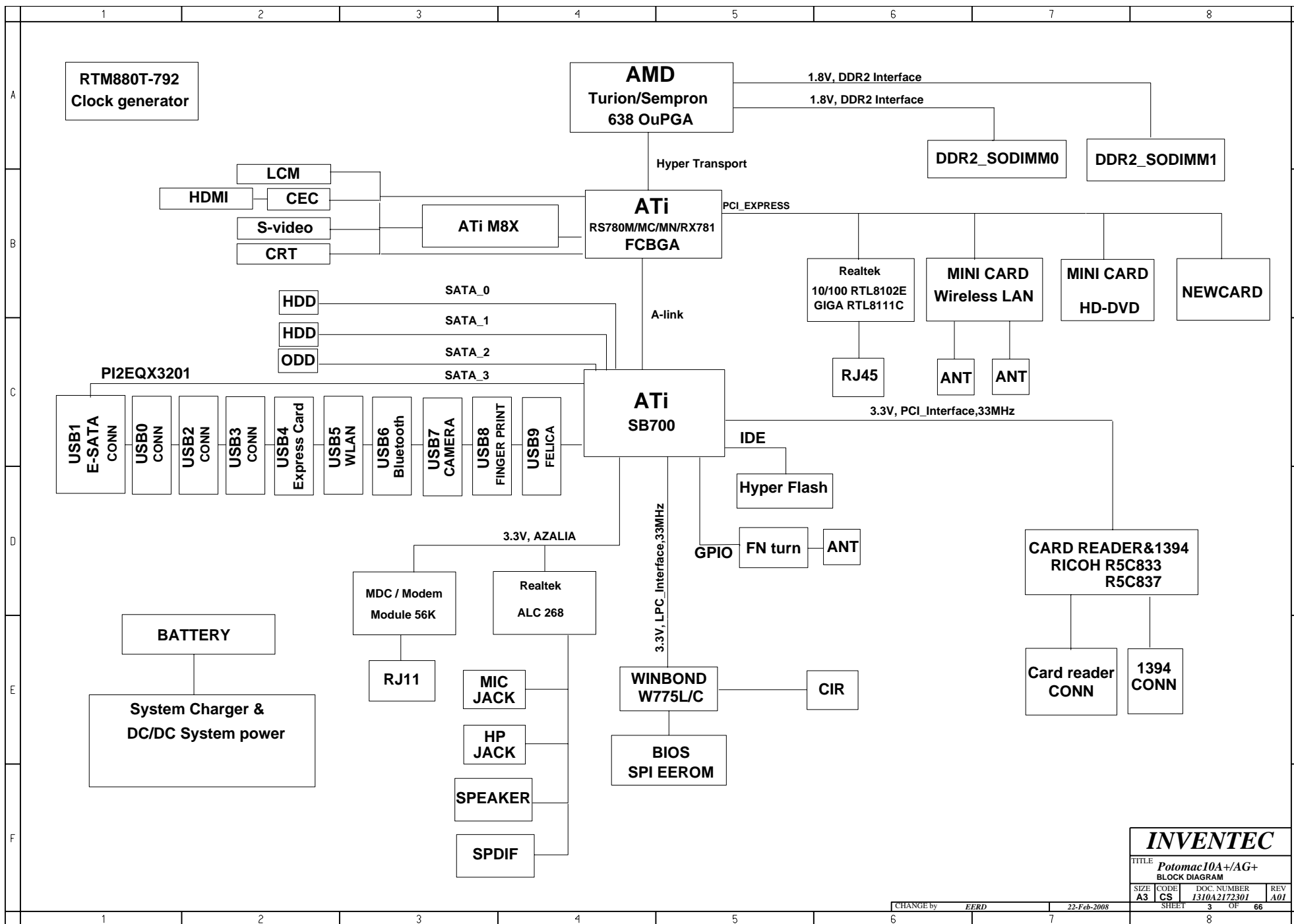
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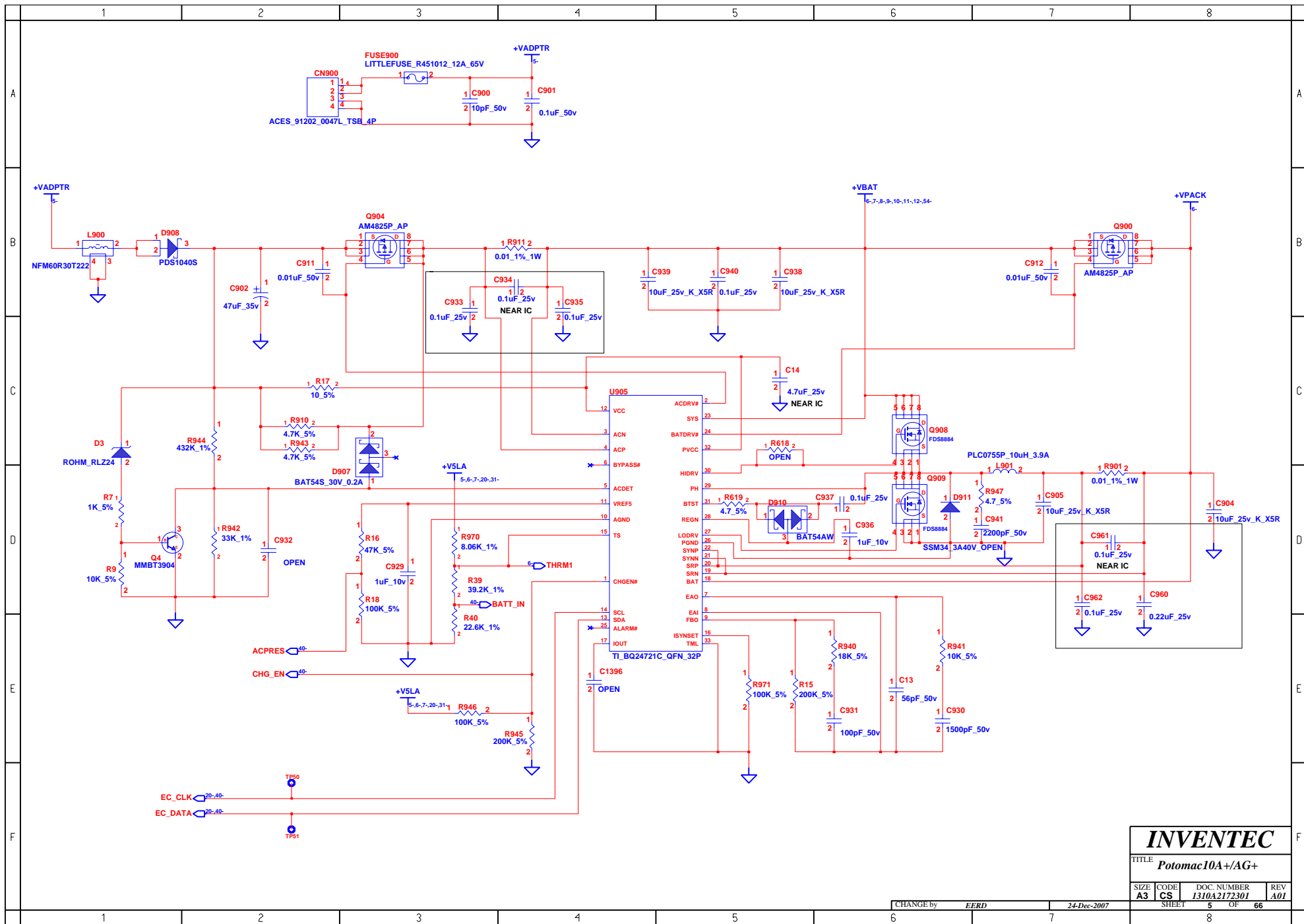
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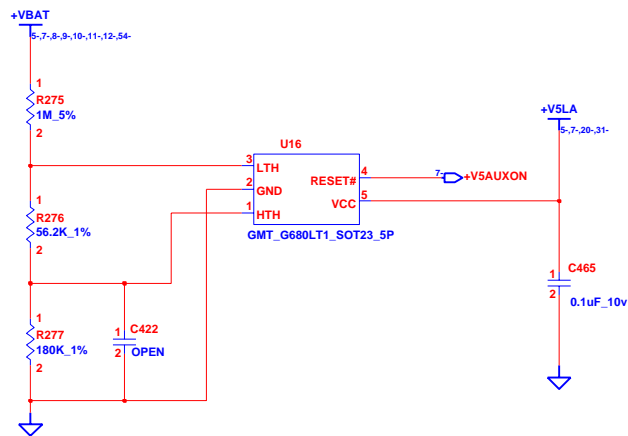
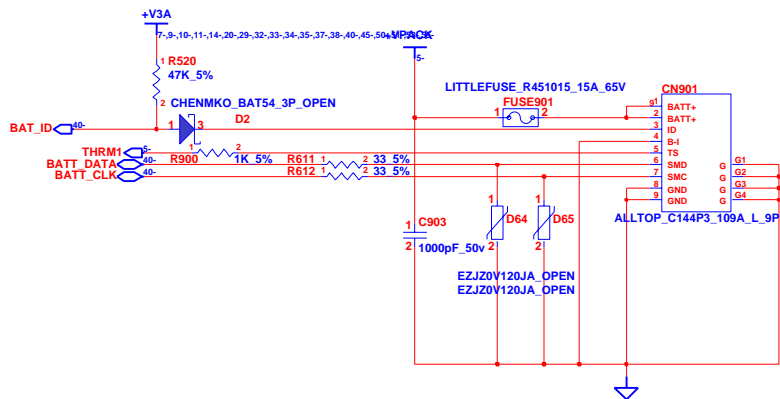
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TITLE
Potomac10A+/AG+

SIZE A3	CODE CS	DOC. NUMBER 1310A2172301	REV A01
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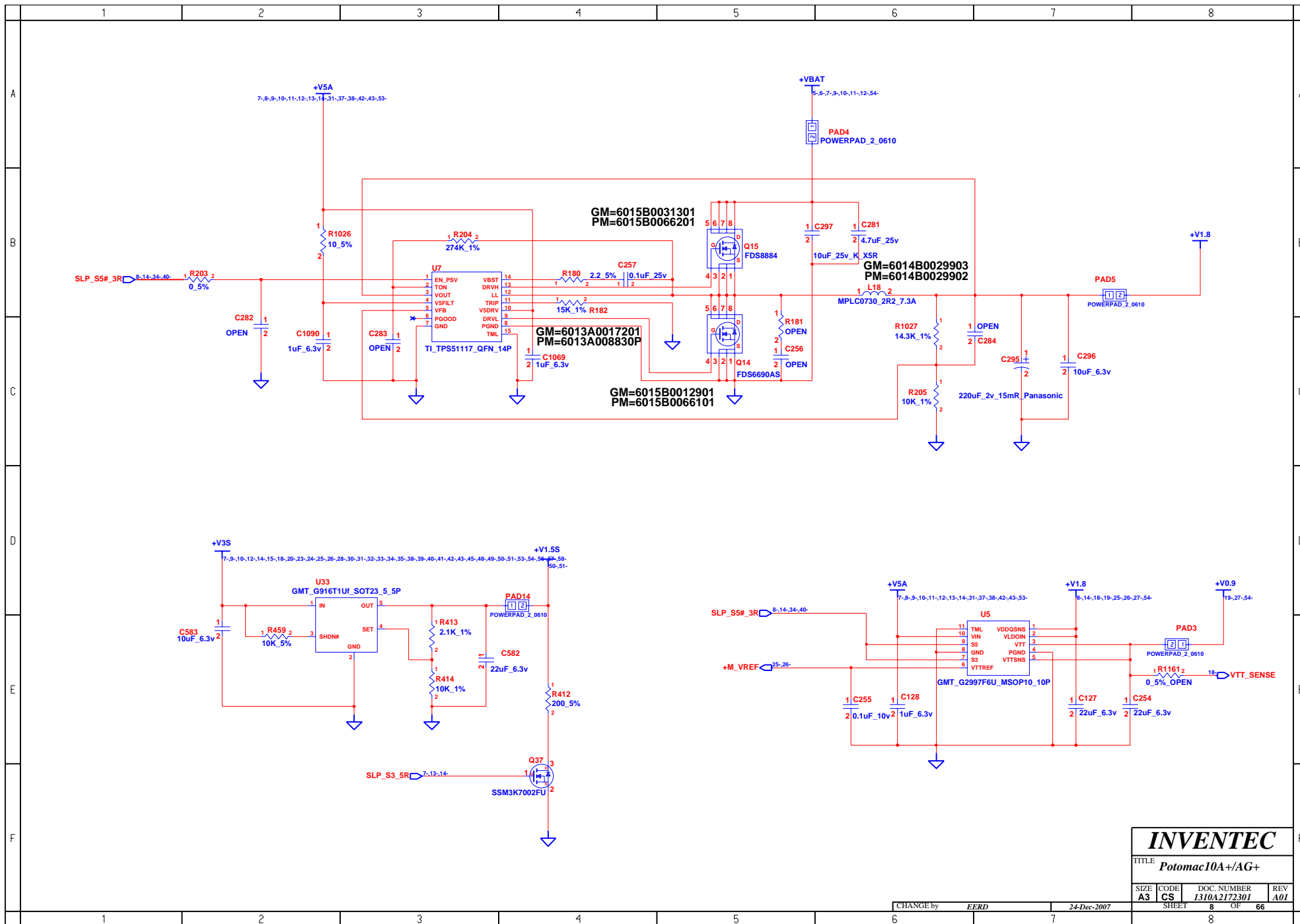
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TITLE
Potomac10A+/-AG+

SIZE	CODE	DOC. NUMBER	REV
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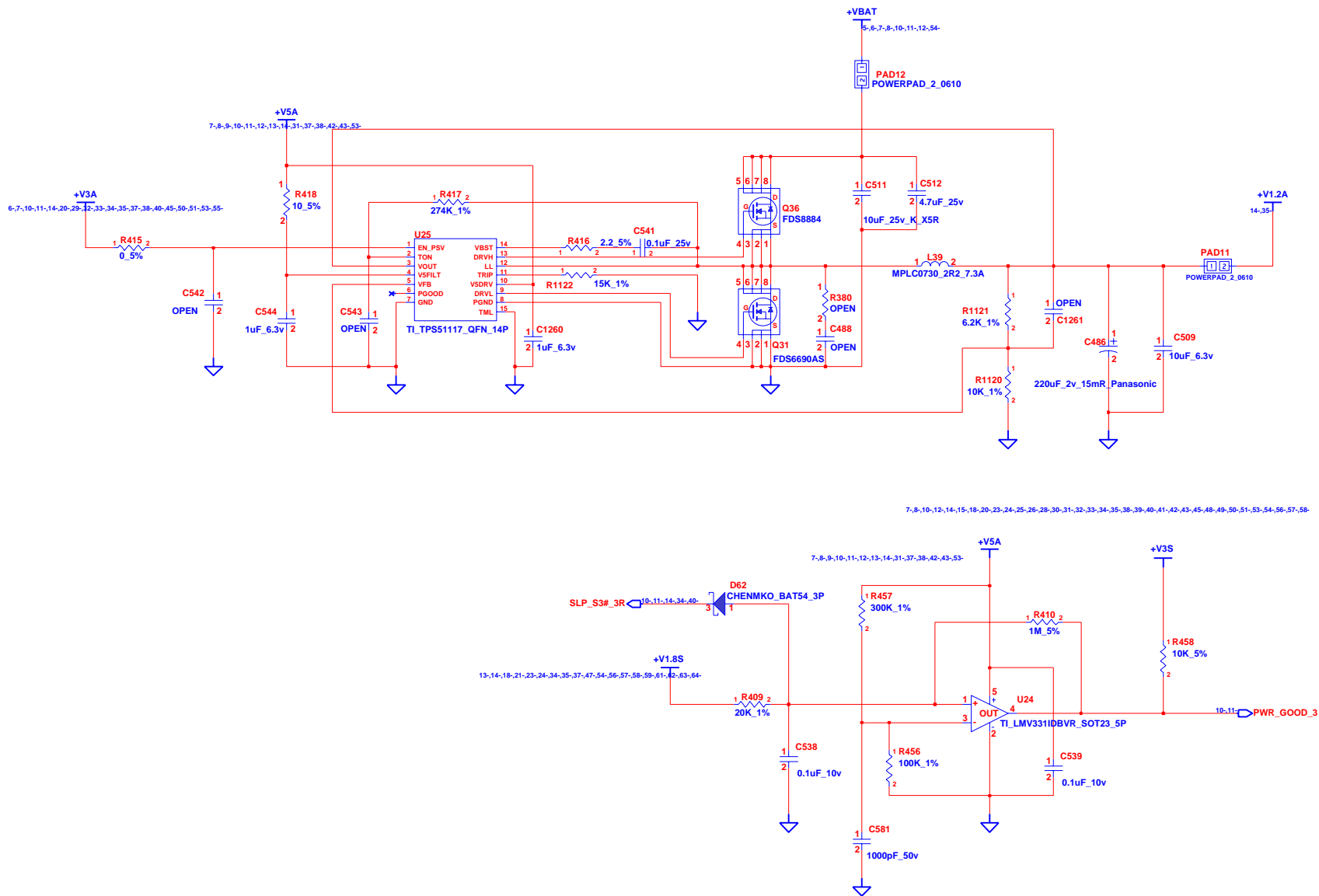
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Potomac10A+/AG+

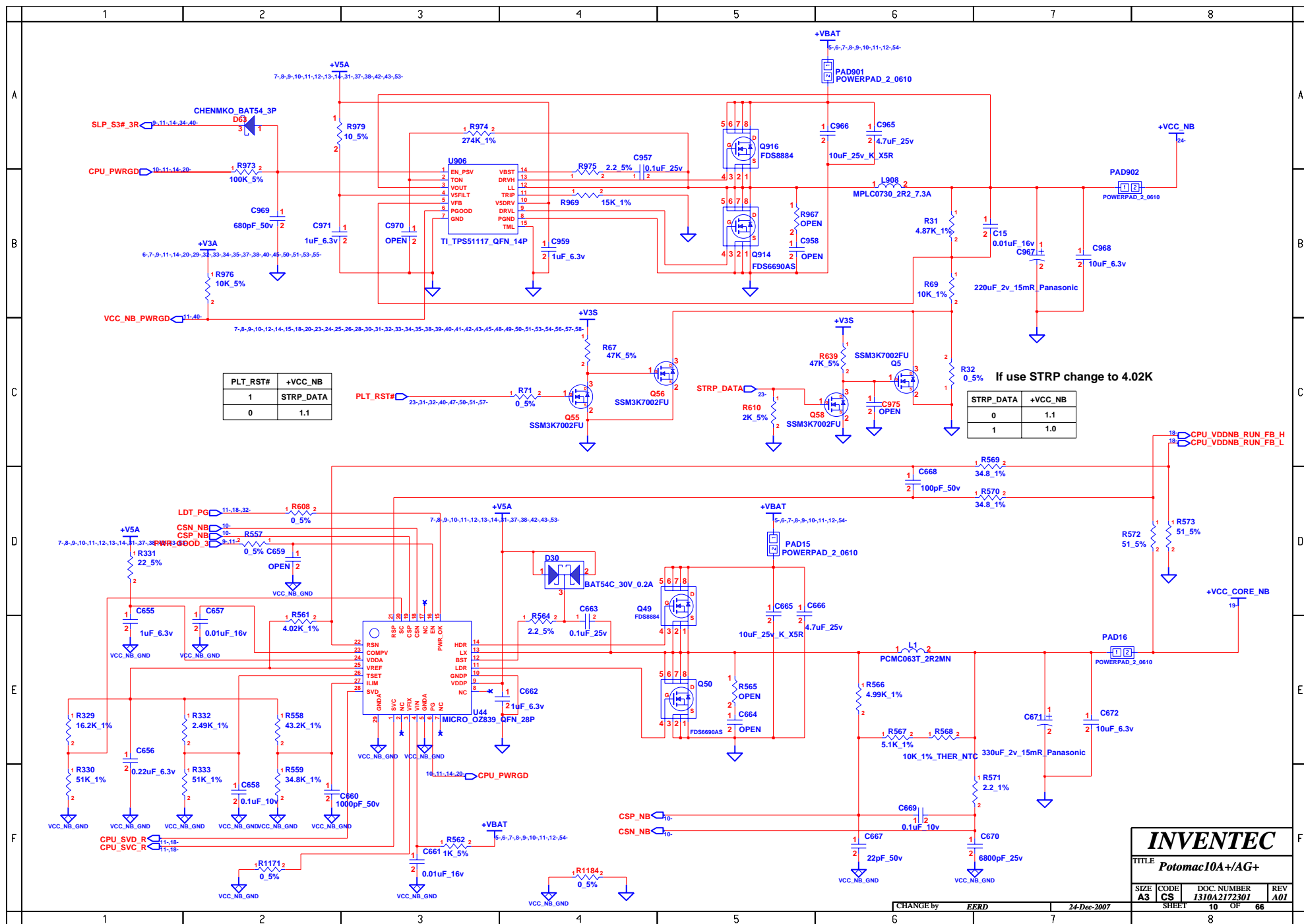
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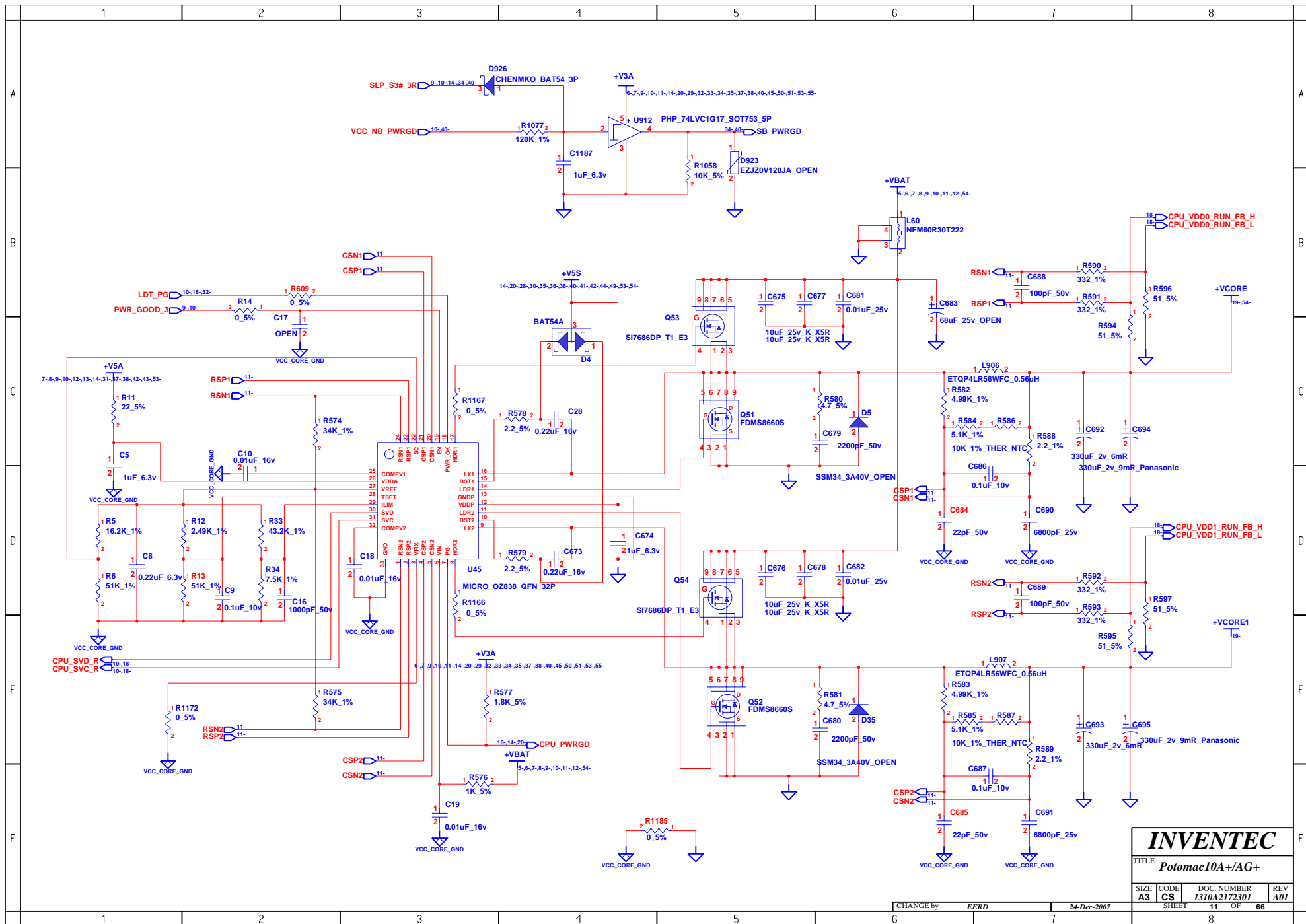
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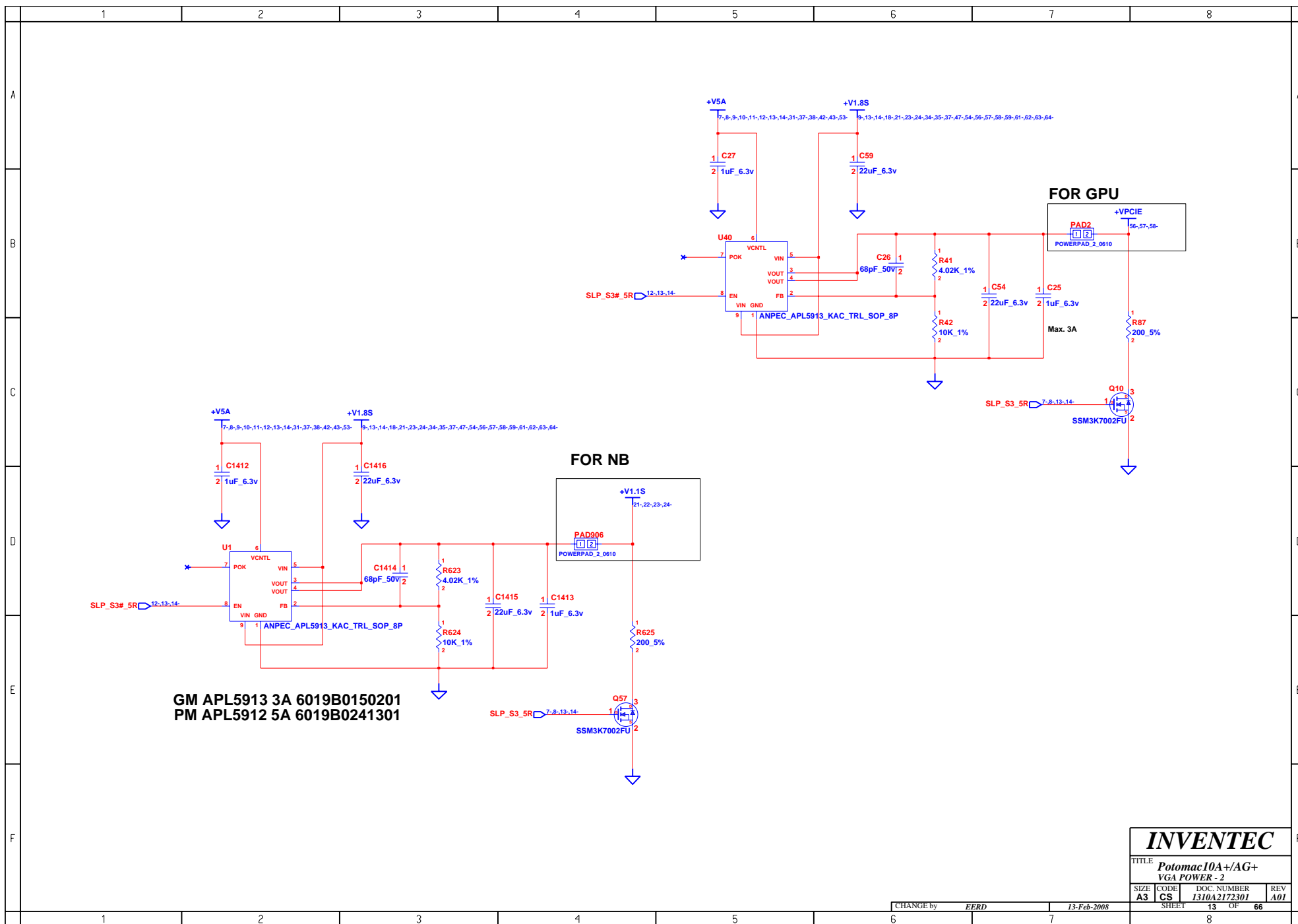
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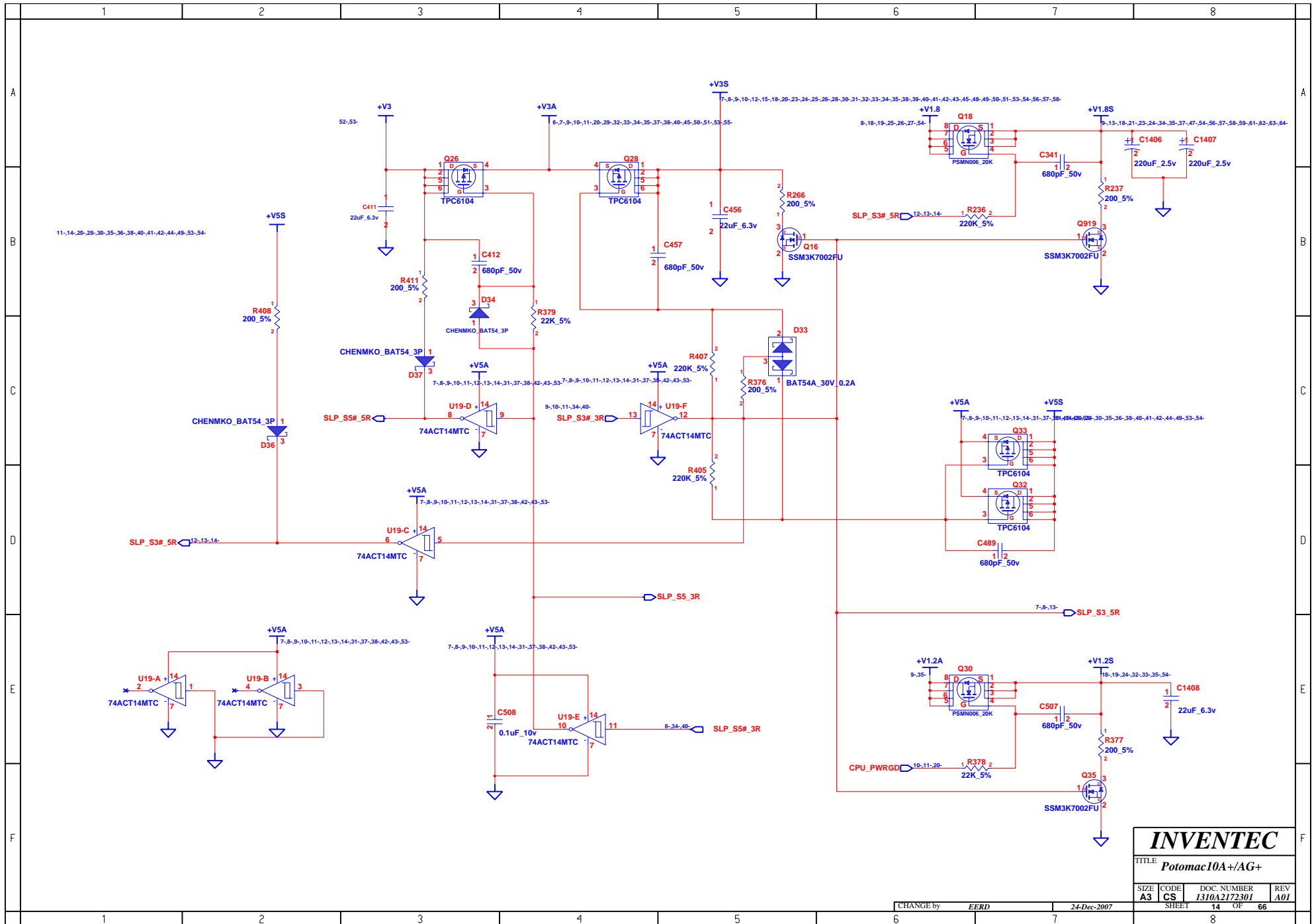


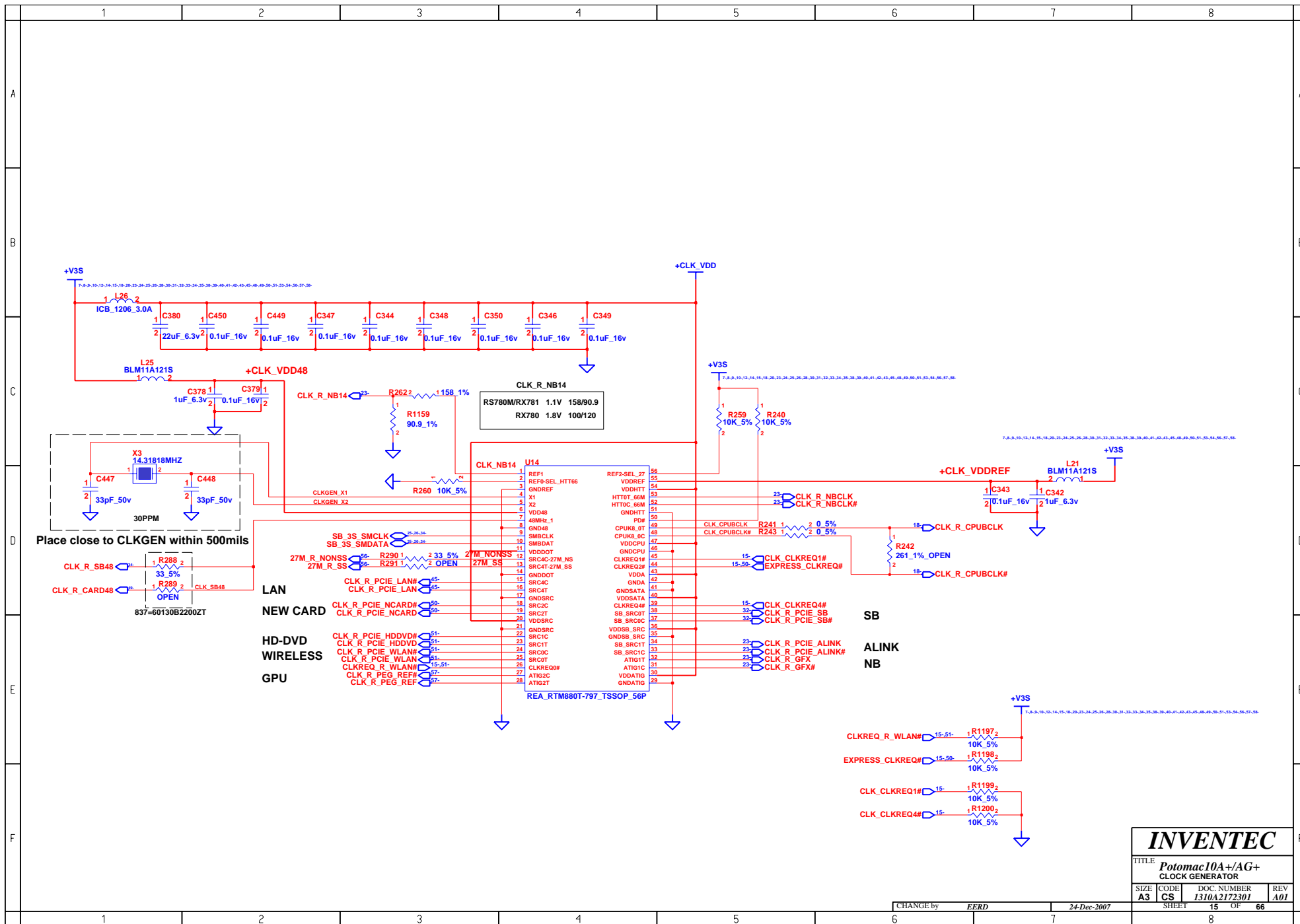
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TITLE Potomac10A+/AG+				
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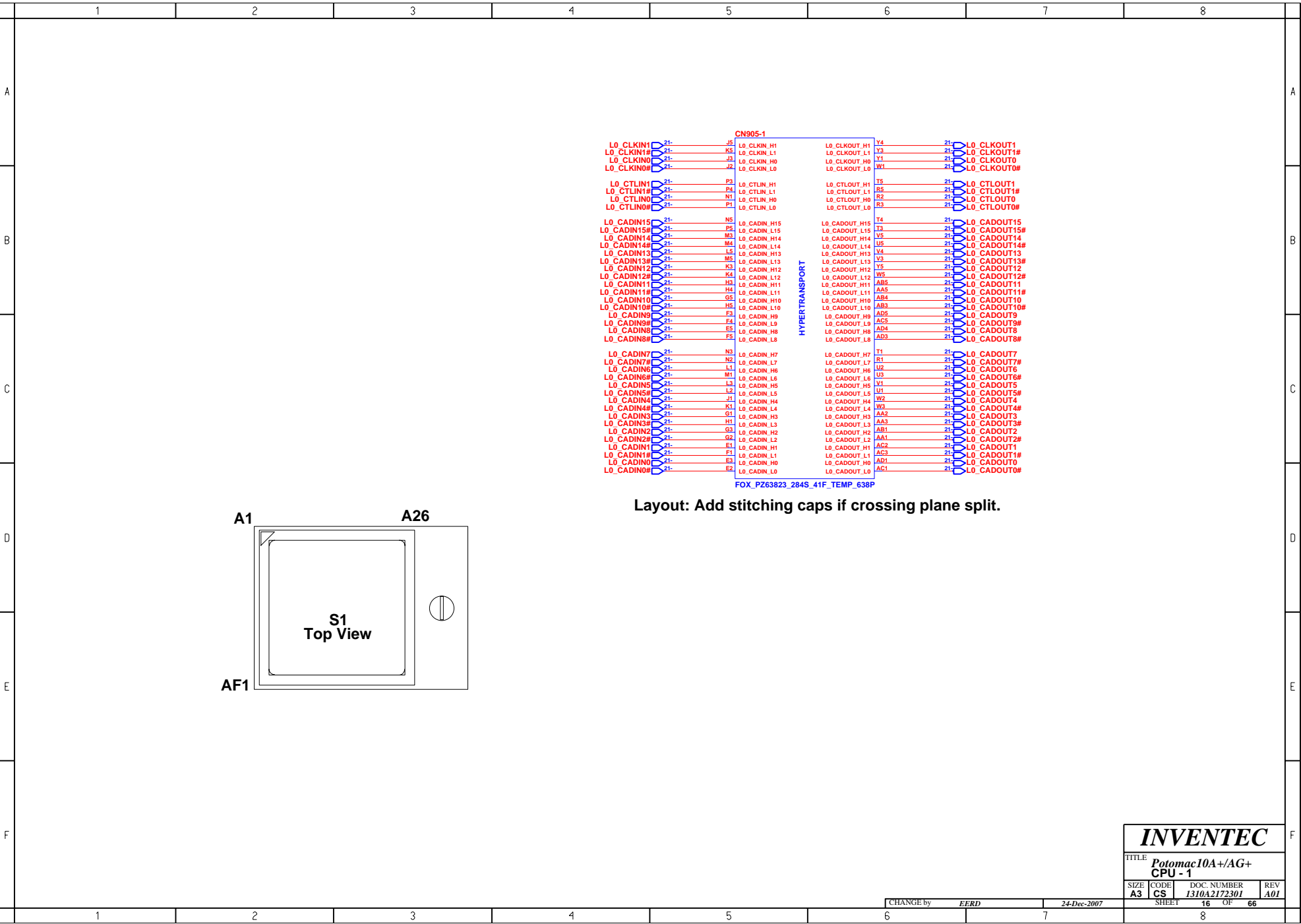
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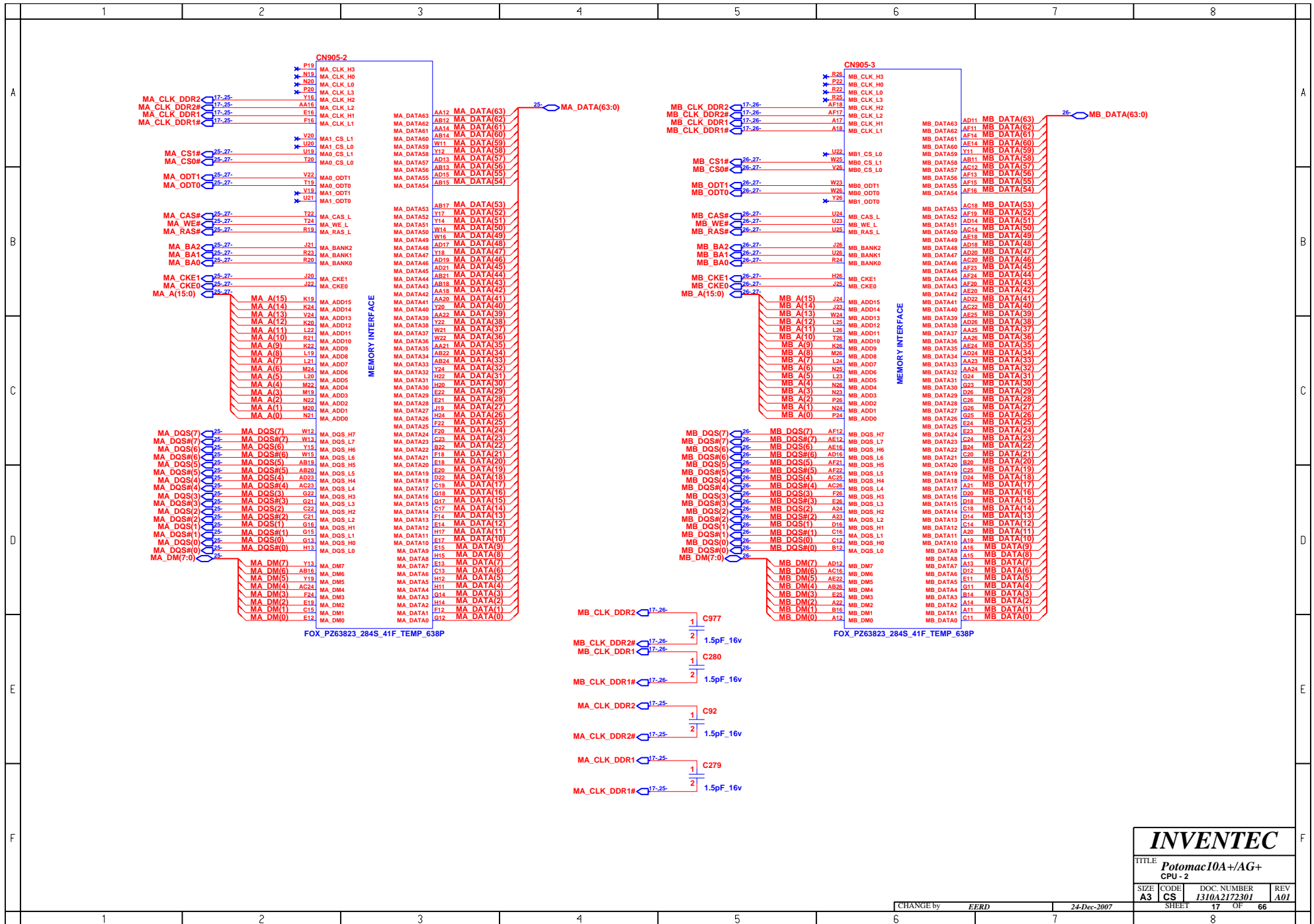
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CLOCK GENERATOR

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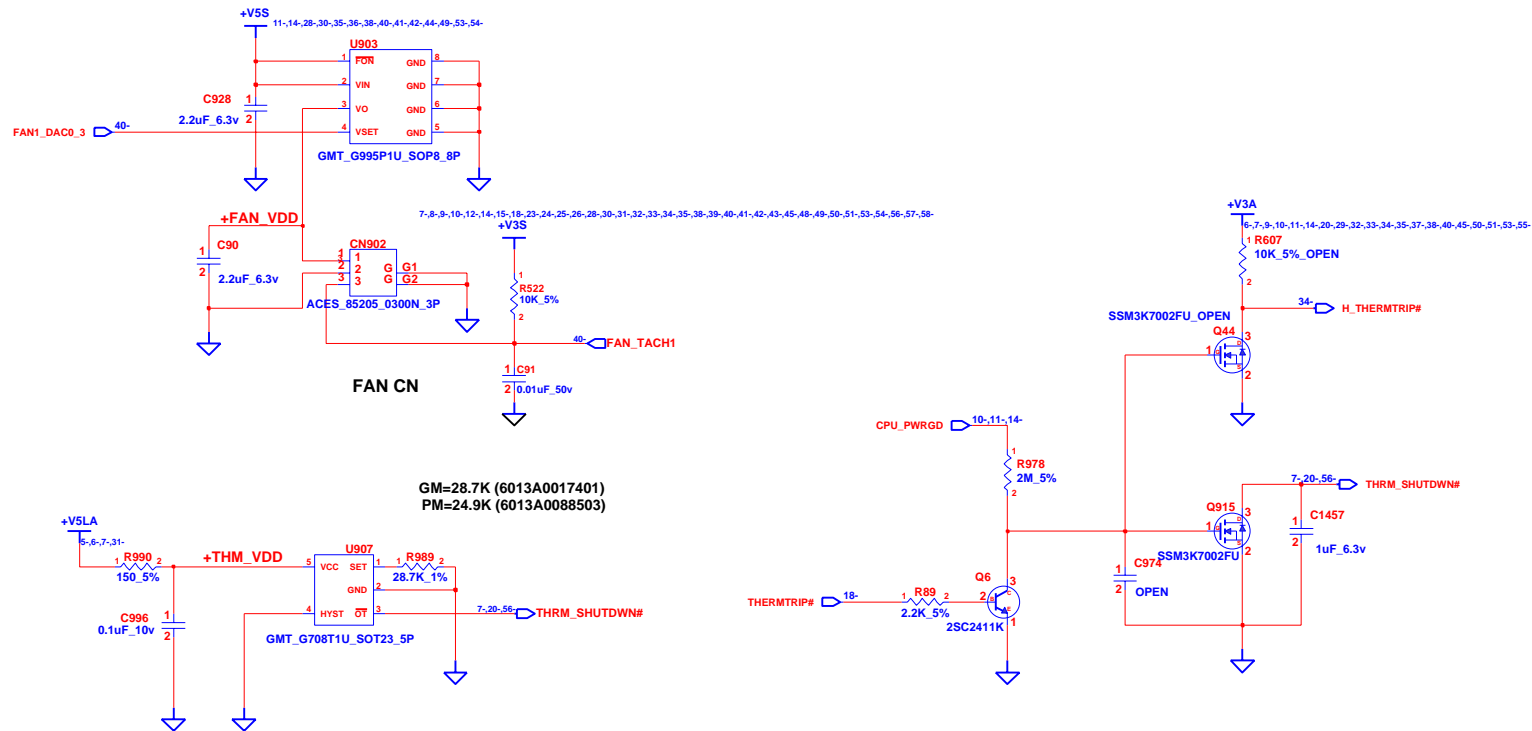
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TITLE: Potomac10A+/AG+
CPU - 2

SIZE	CODE	DOC. NUMBER	REV
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CHANGE by: EERD 24-Dec-2007

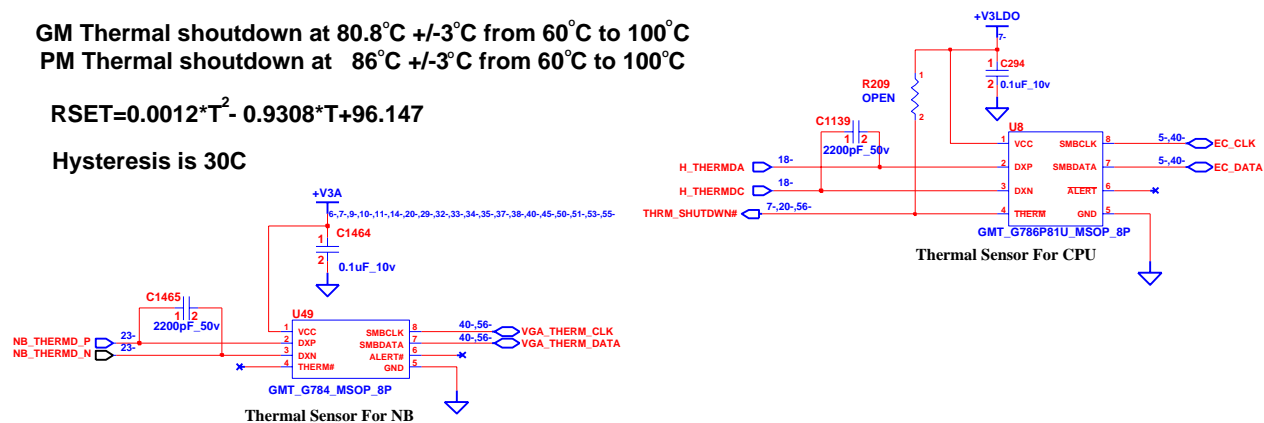
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GM Thermal shutdown at 80.8°C +/-3°C from 60°C to 100°C
PM Thermal shutdown at 86°C +/-3°C from 60°C to 100°C

$$RSET = 0.0012 \cdot T^2 - 0.9308 \cdot T + 96.147$$

Hysteresis is 30C



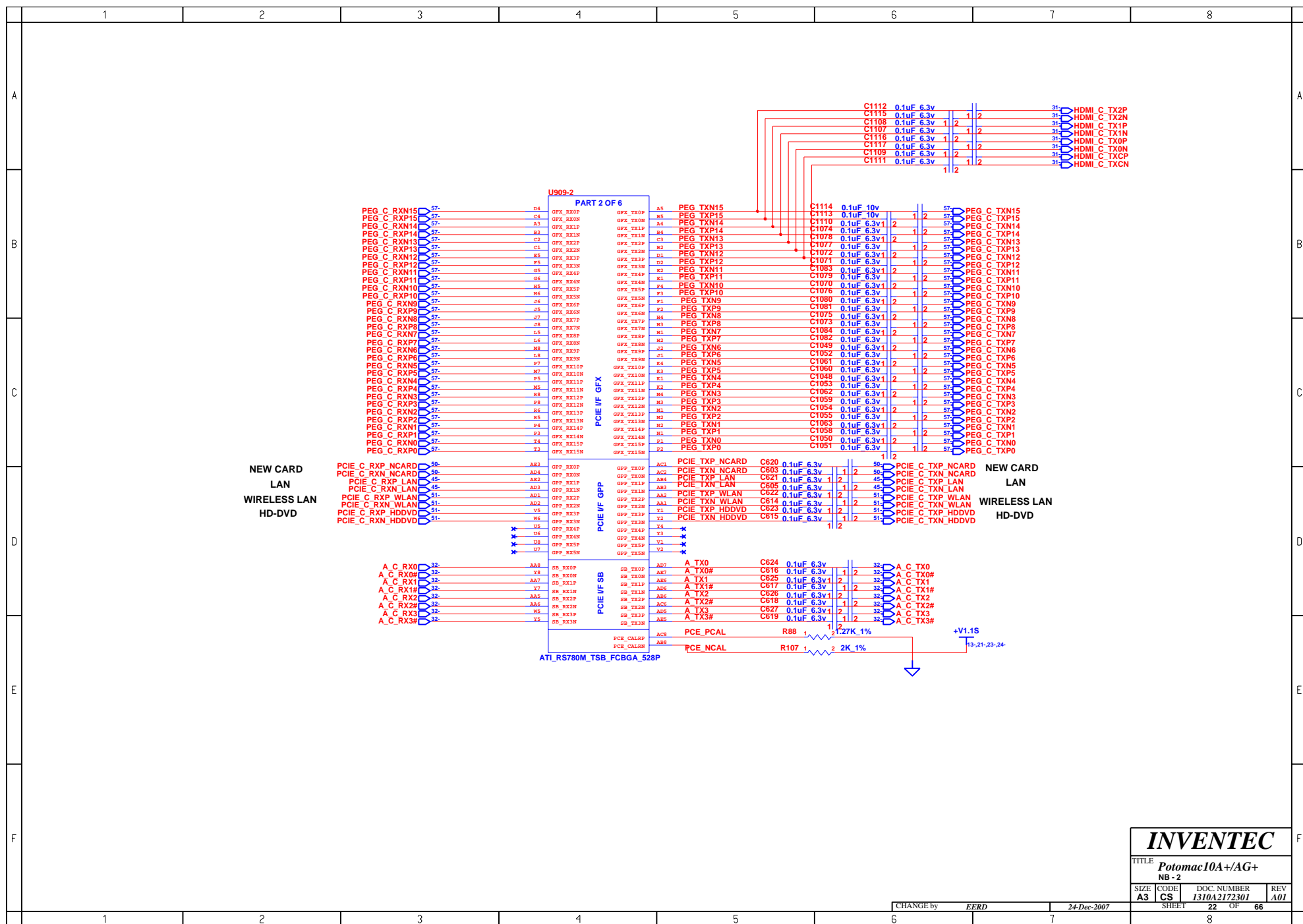
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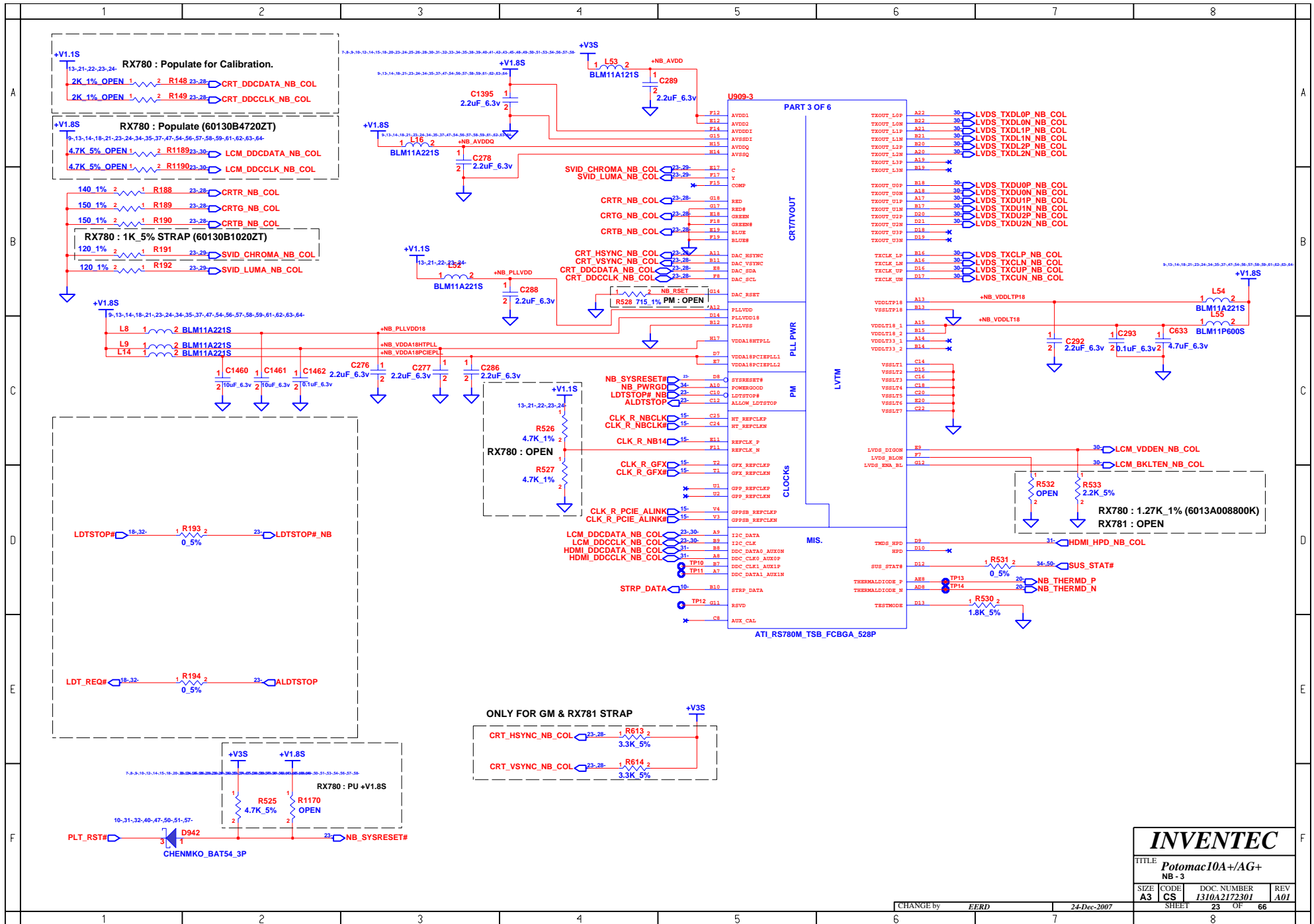
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**Potomac10A+/-AG+
THERMAL**

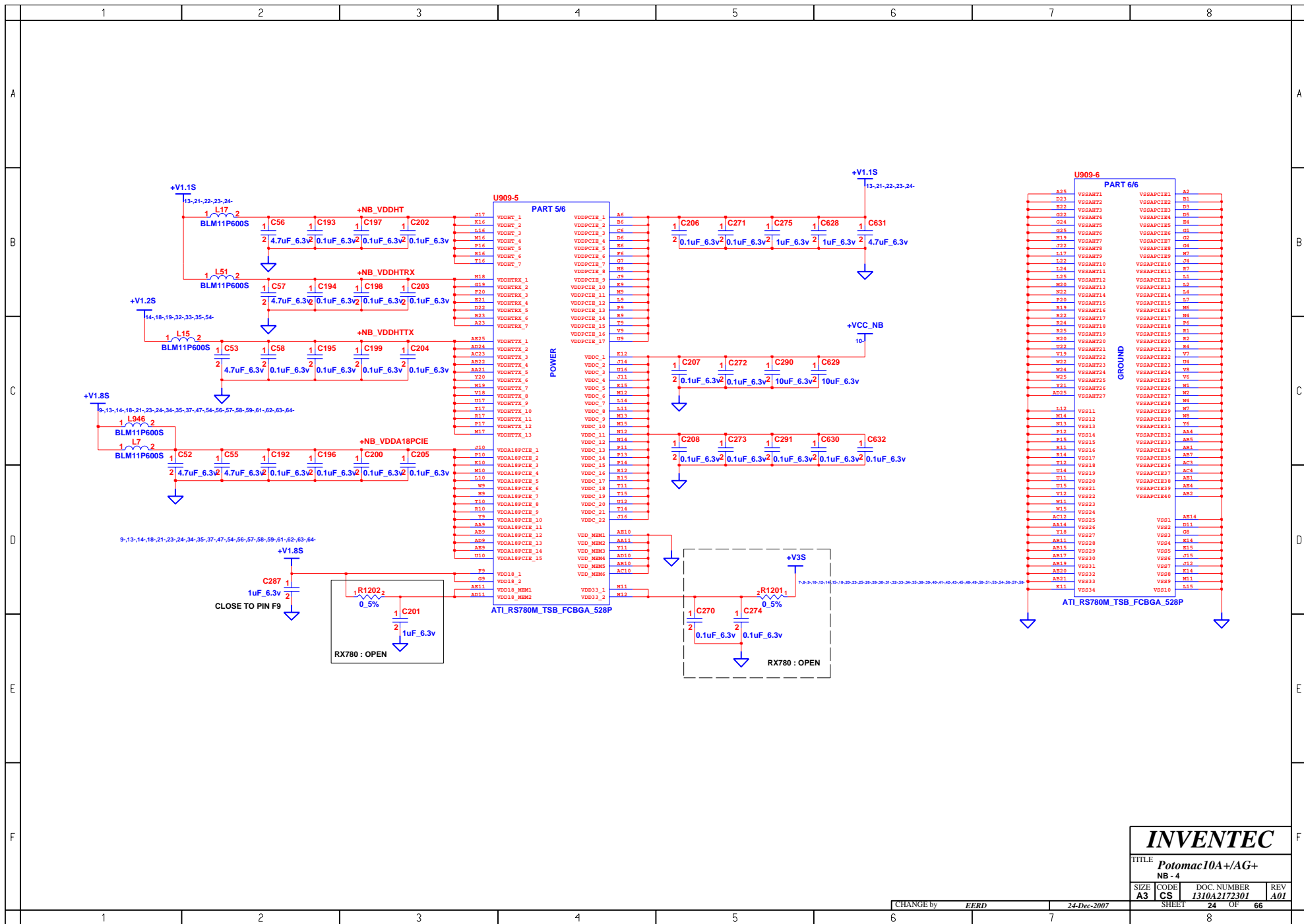
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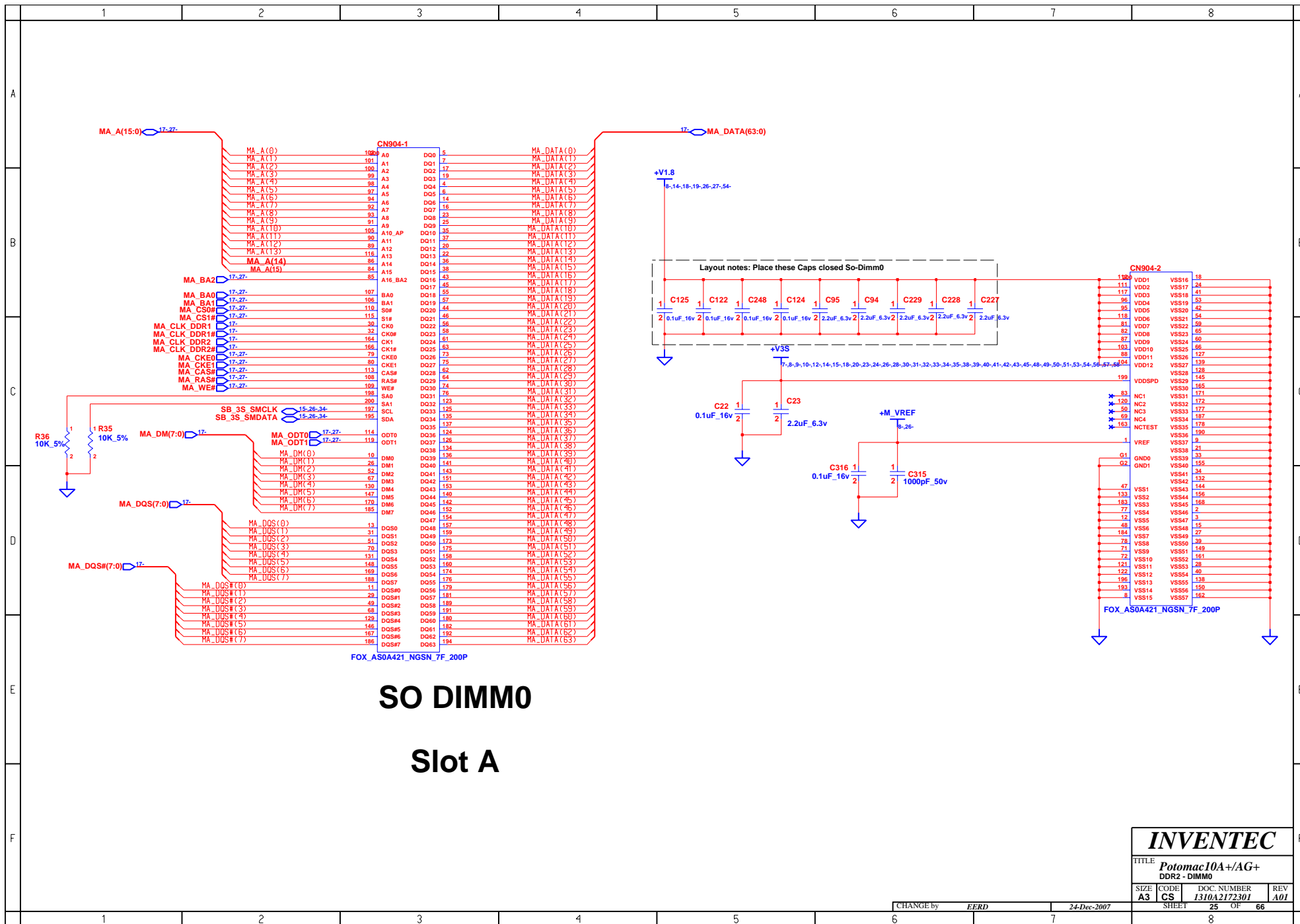
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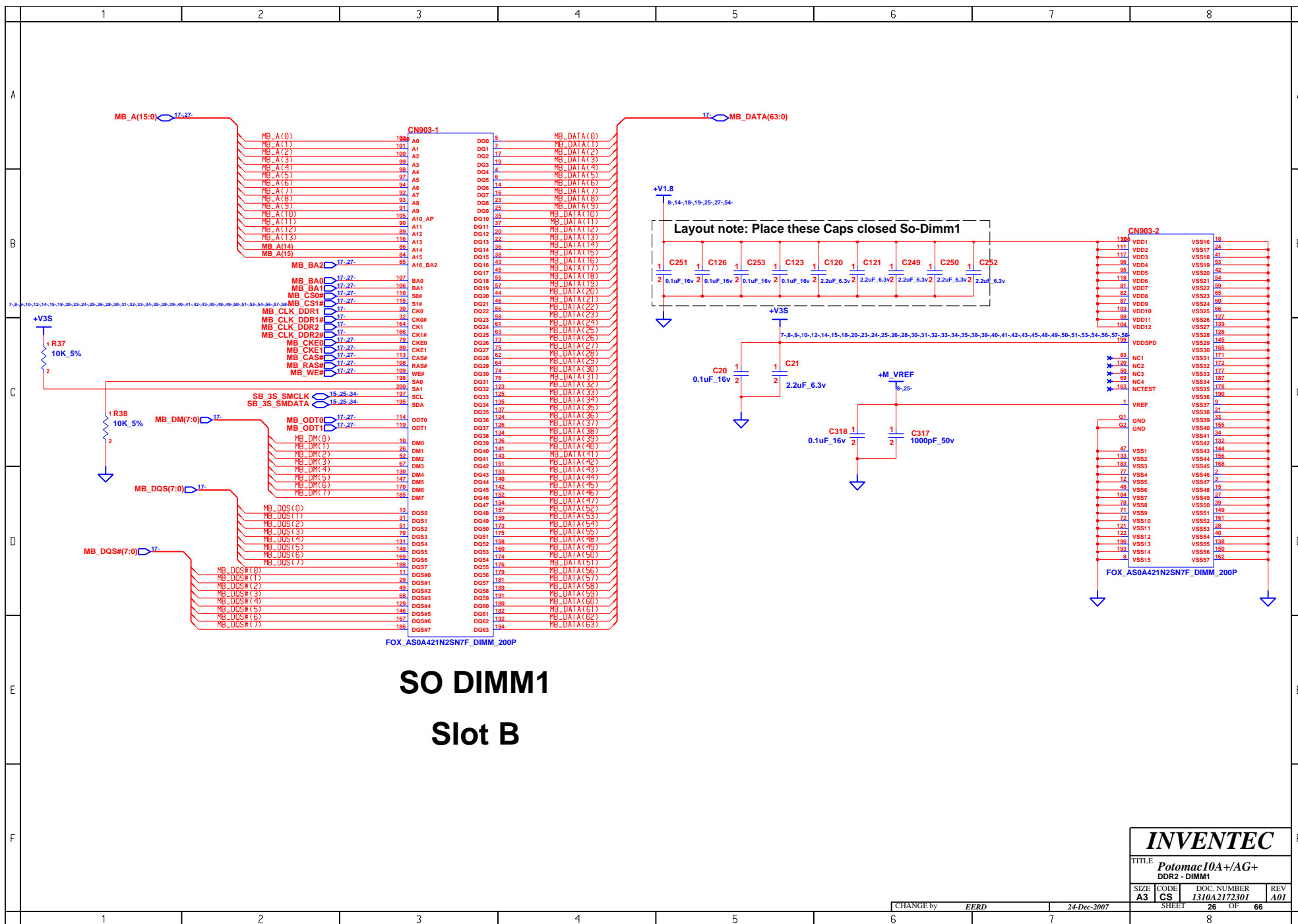
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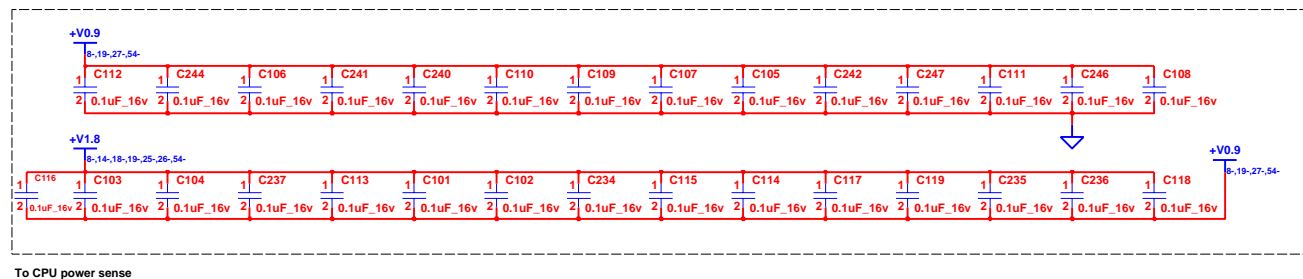
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A3 CS 1310A2172301 A01

CHANGE by **EERD** 24-Dec-2007

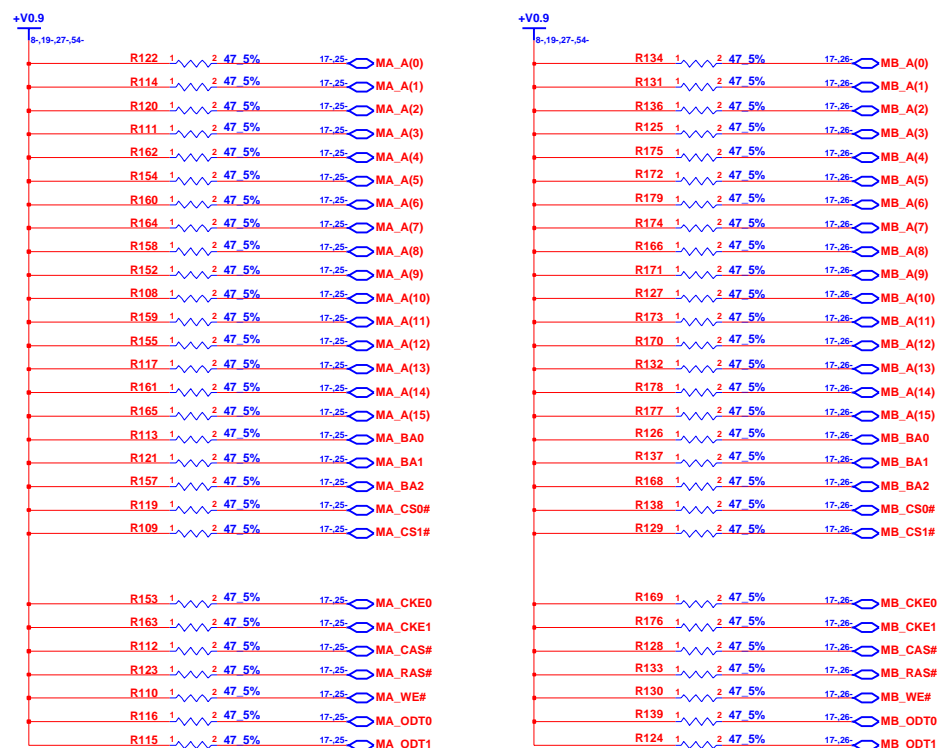
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Place CAPs close to DIMM

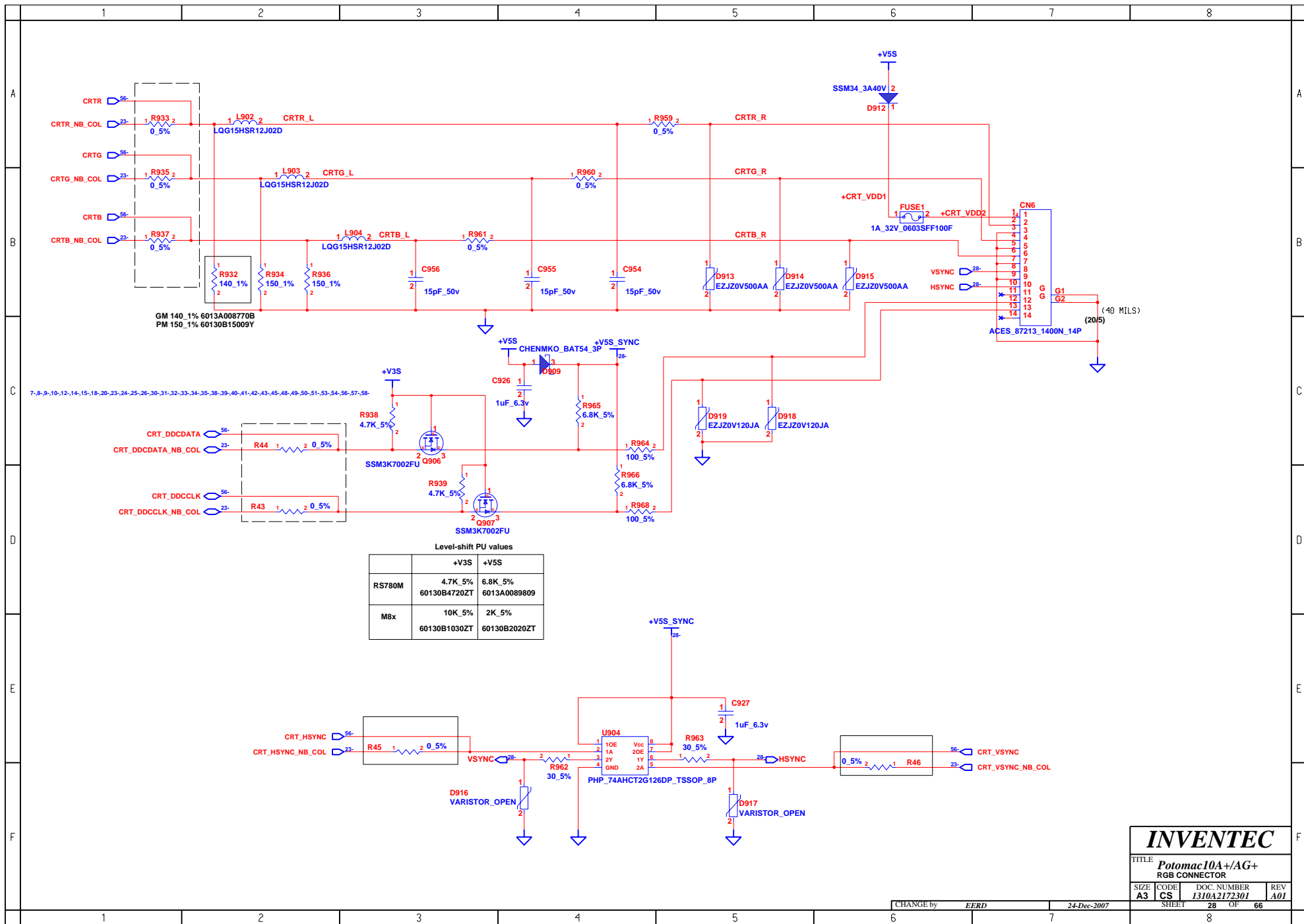
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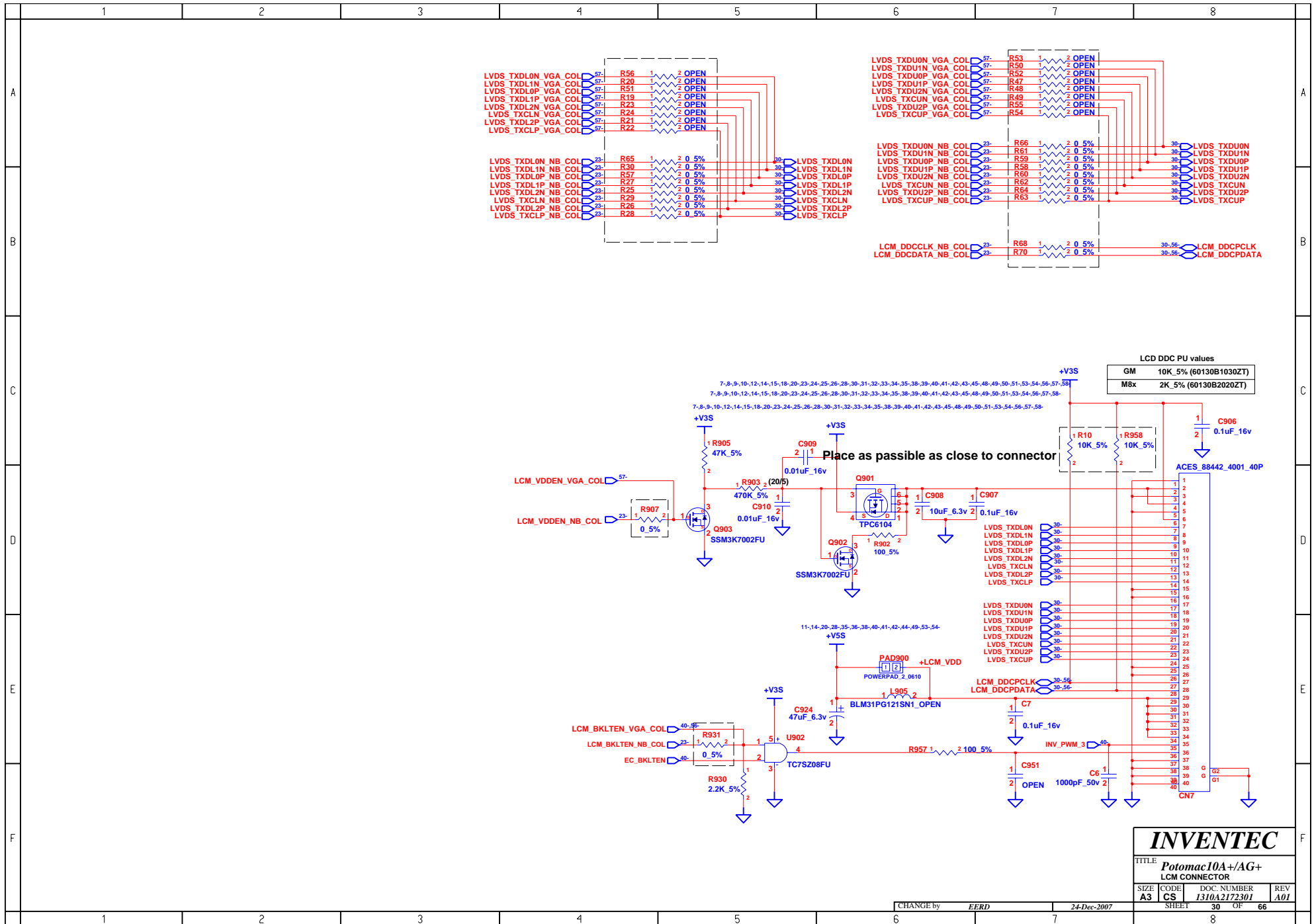
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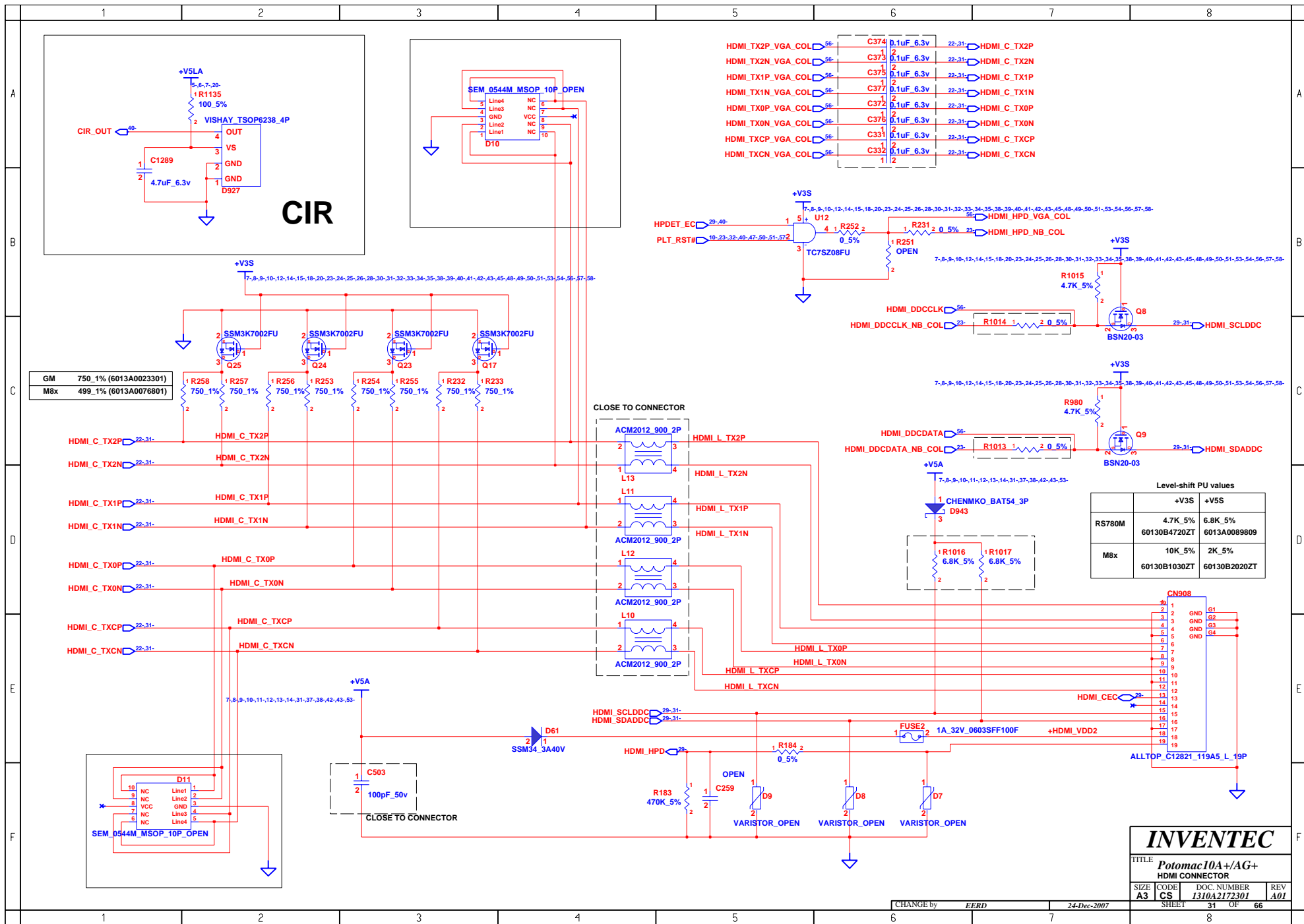
SIZE A3	CODE CS	DOC. NUMBER 1310A2172301	REV A01
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CHANGE by	<i>EERD</i>	24-Dec-2007
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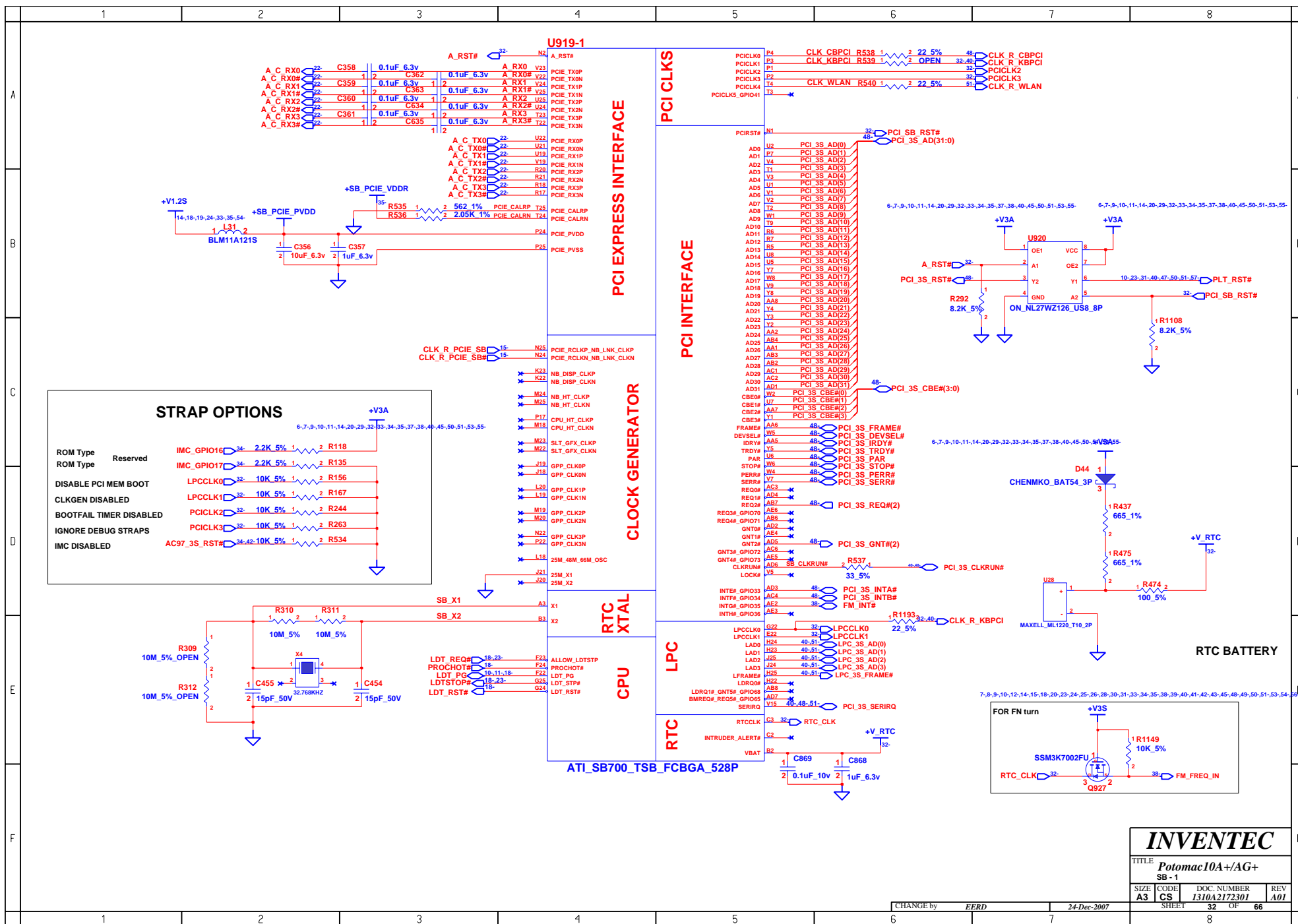
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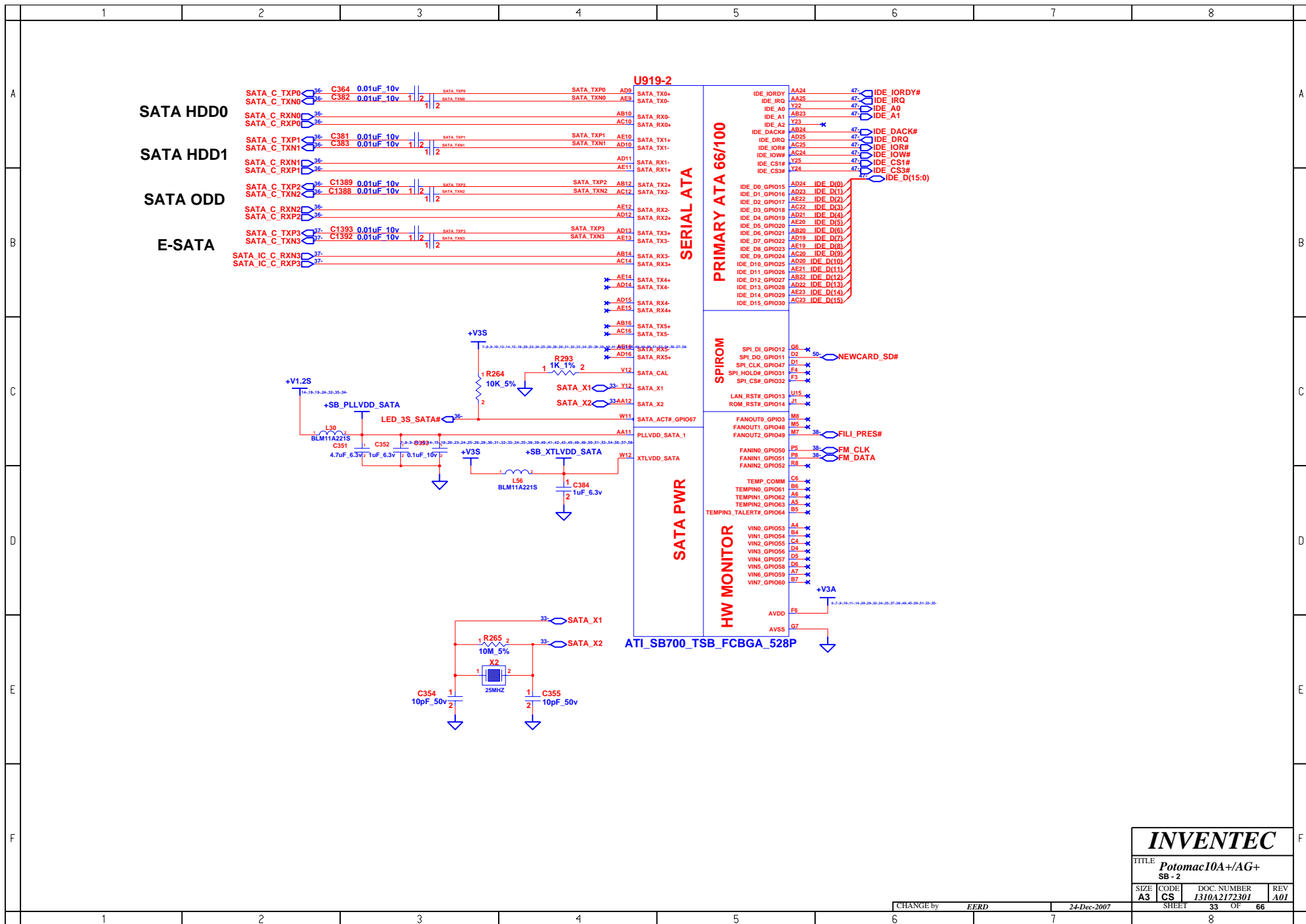
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HDMI CONNECTOR

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A217301	A01

CHANGE by: EERD 24-Dec-2007

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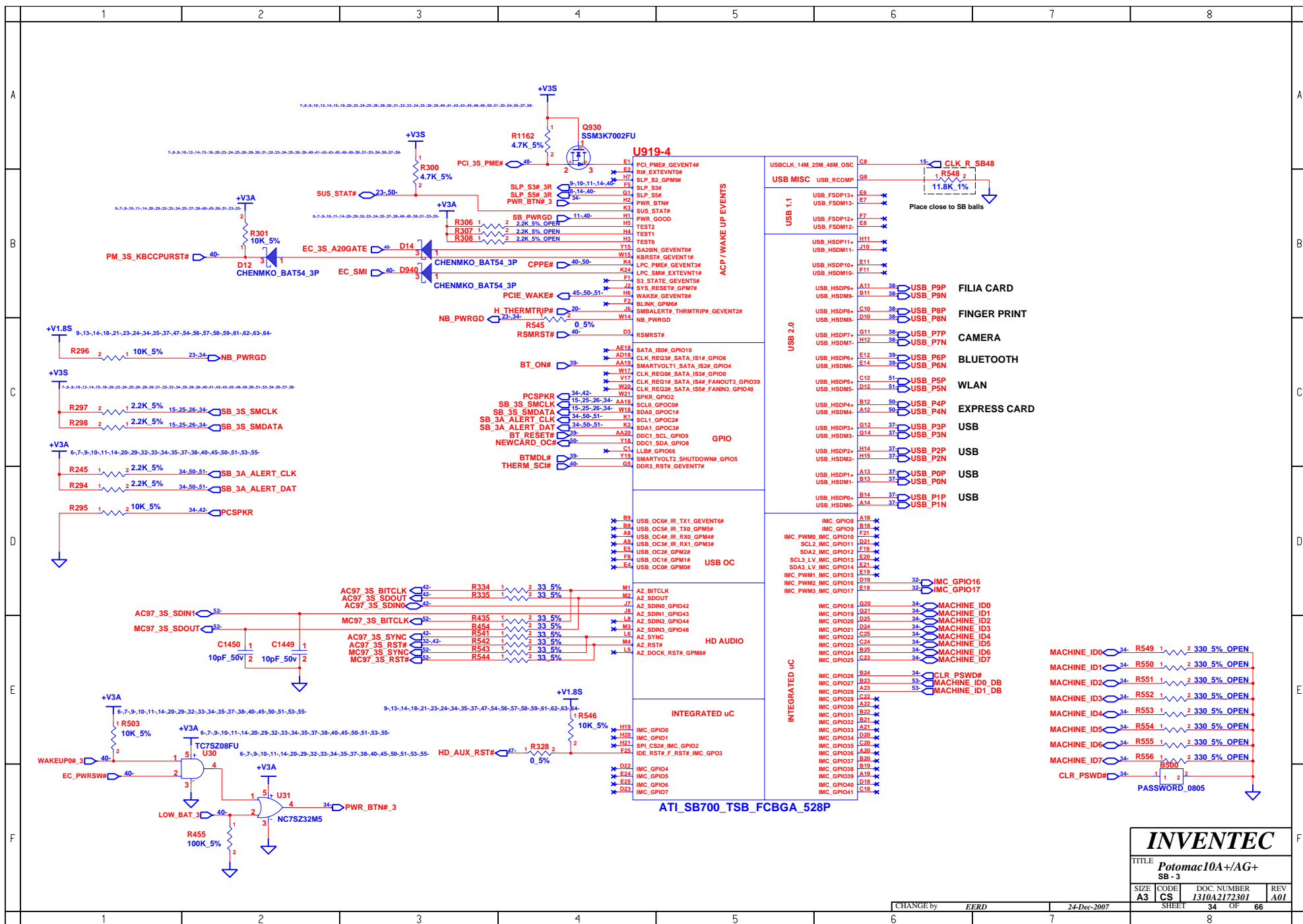
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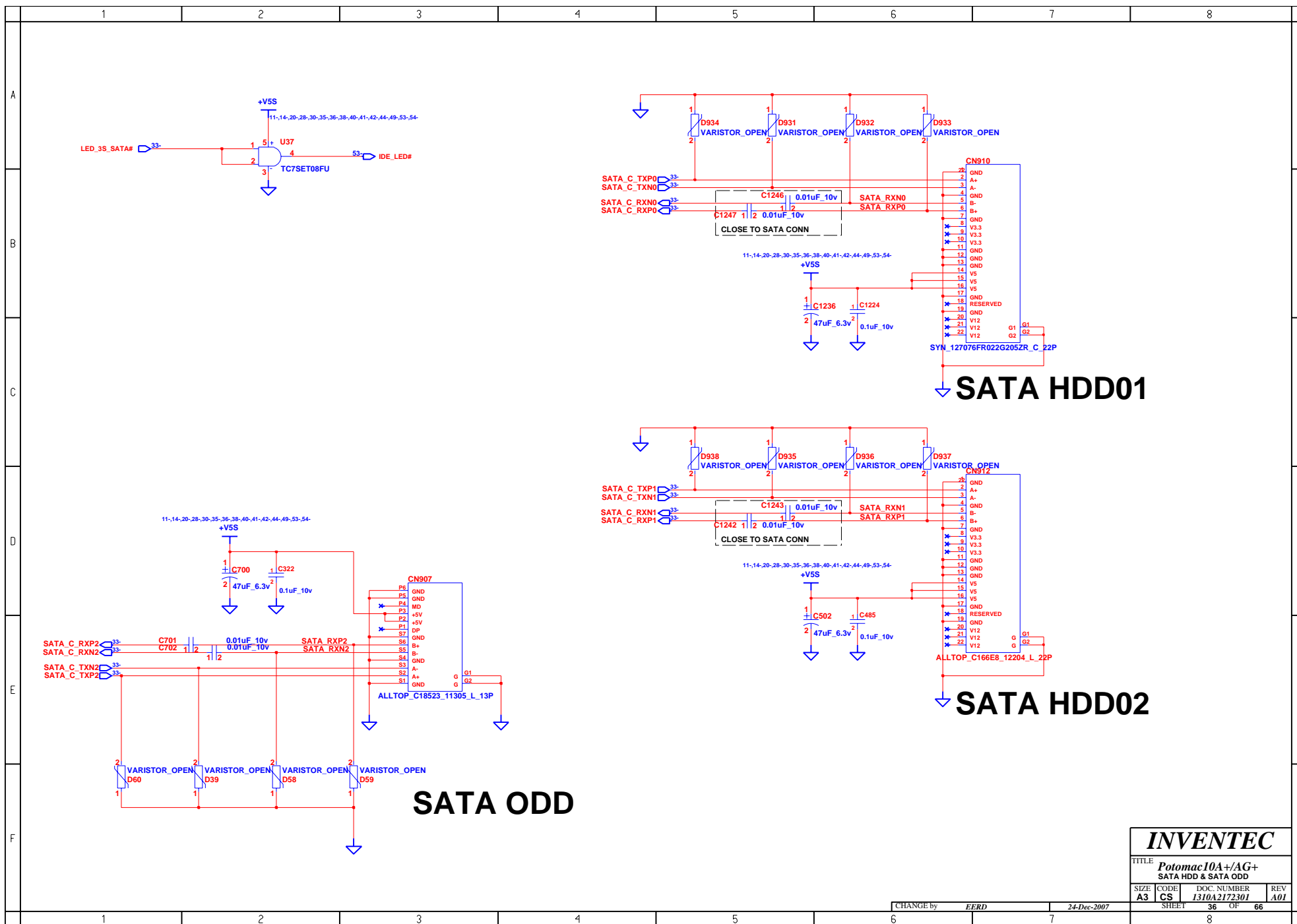
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Potomac10A+/AG+
SB - 2

SIZE	CODE	DOC. NUMBER	REV
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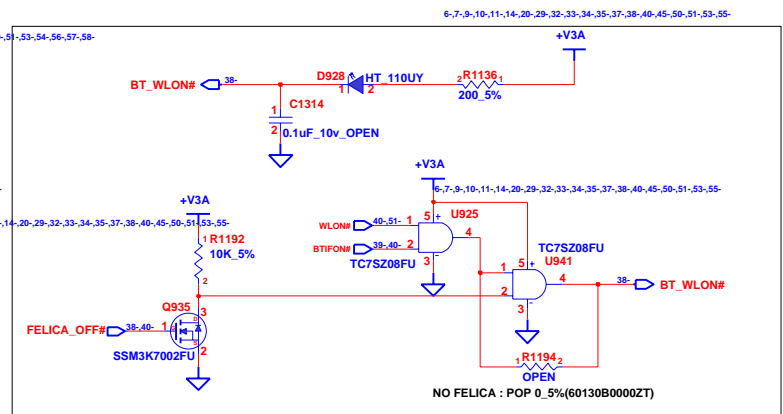
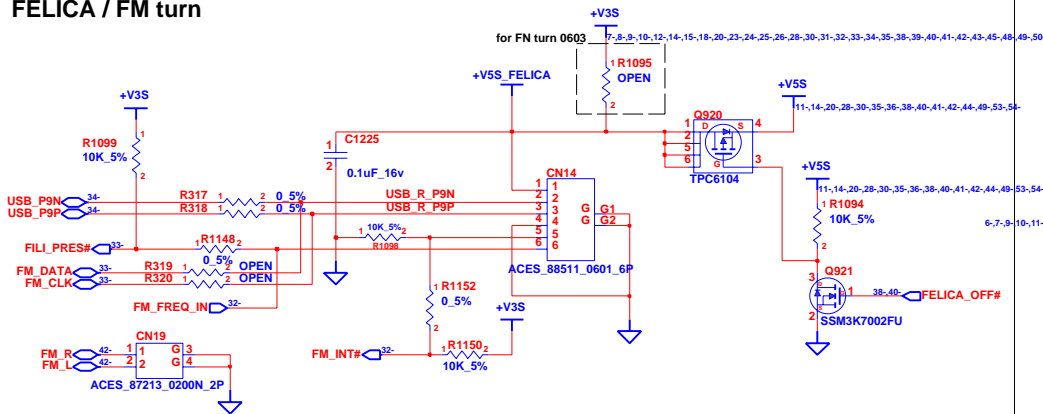
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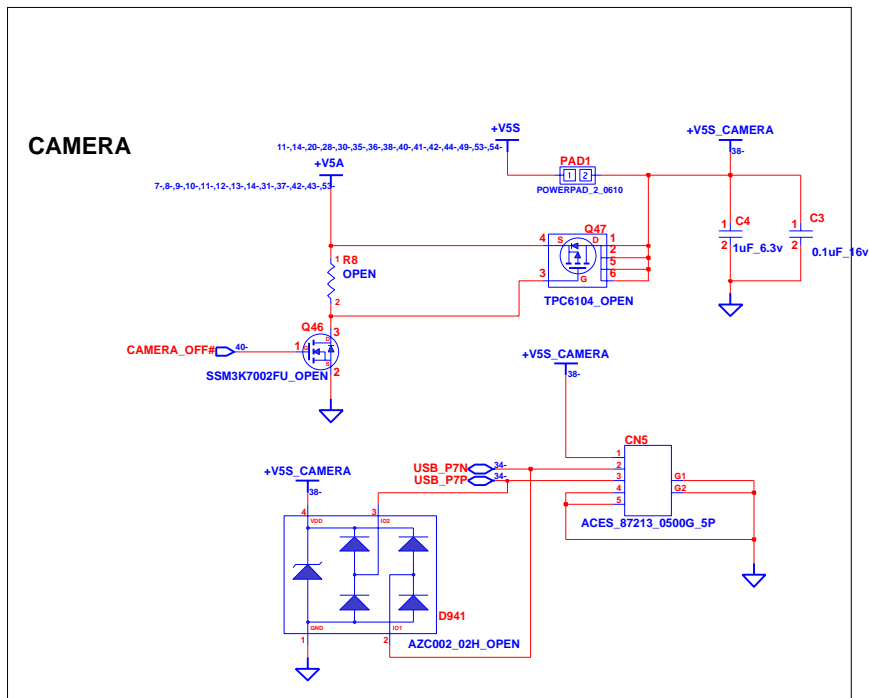




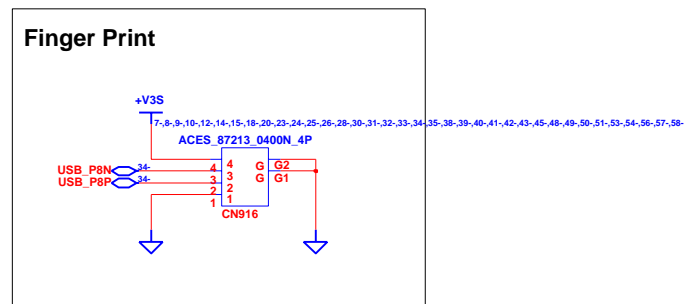
FELICA / FM turn



CAMERA



Finger Print



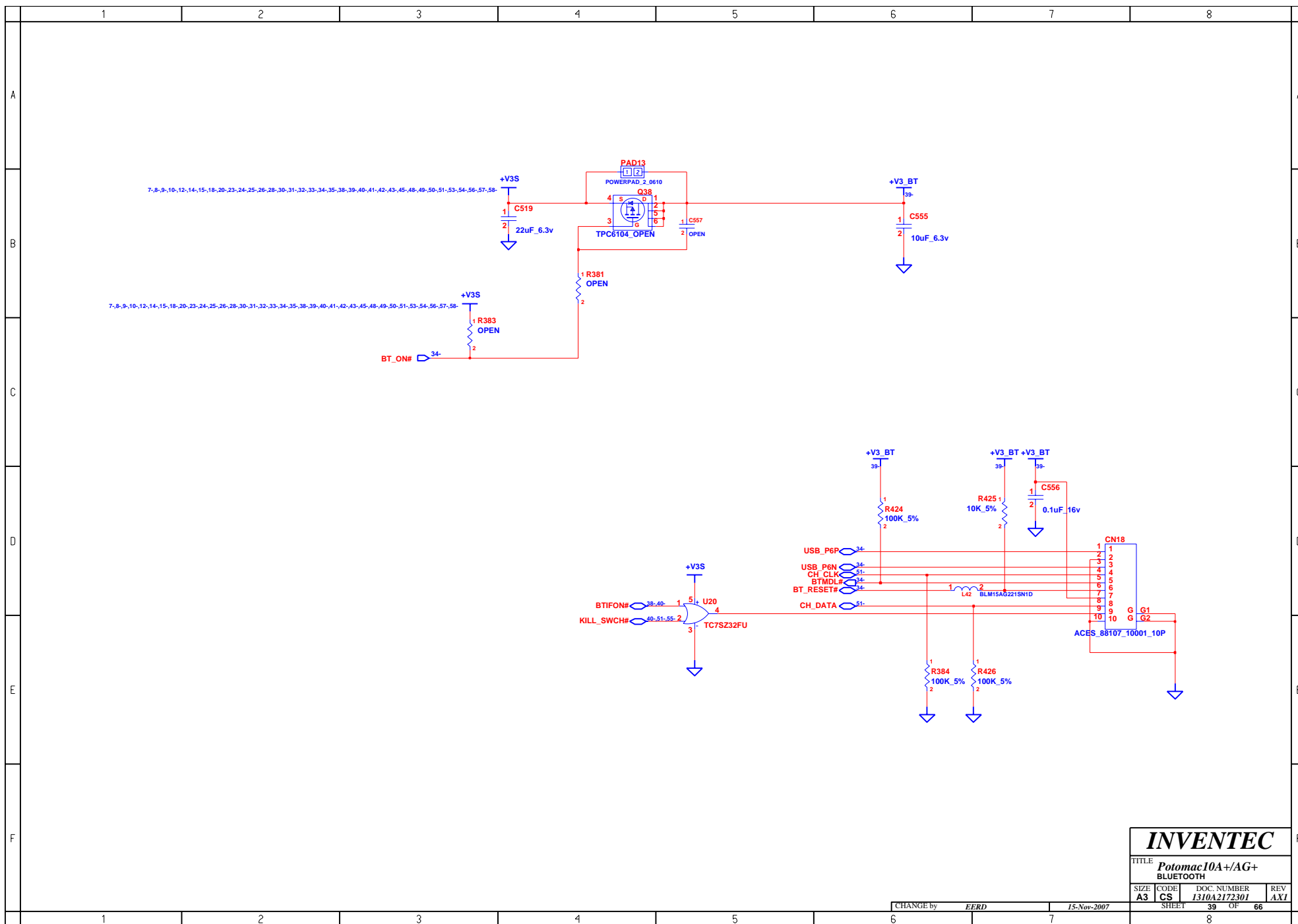
INVENTEC

TITLE
**Potomac10A+/AG+
FP & FELICA & CAMERA & FM**

SIZE CODE DOC. NUMBER REV
A3 CS 1310A2172301 A01

CHANGE by EERD 24-Dec-2007

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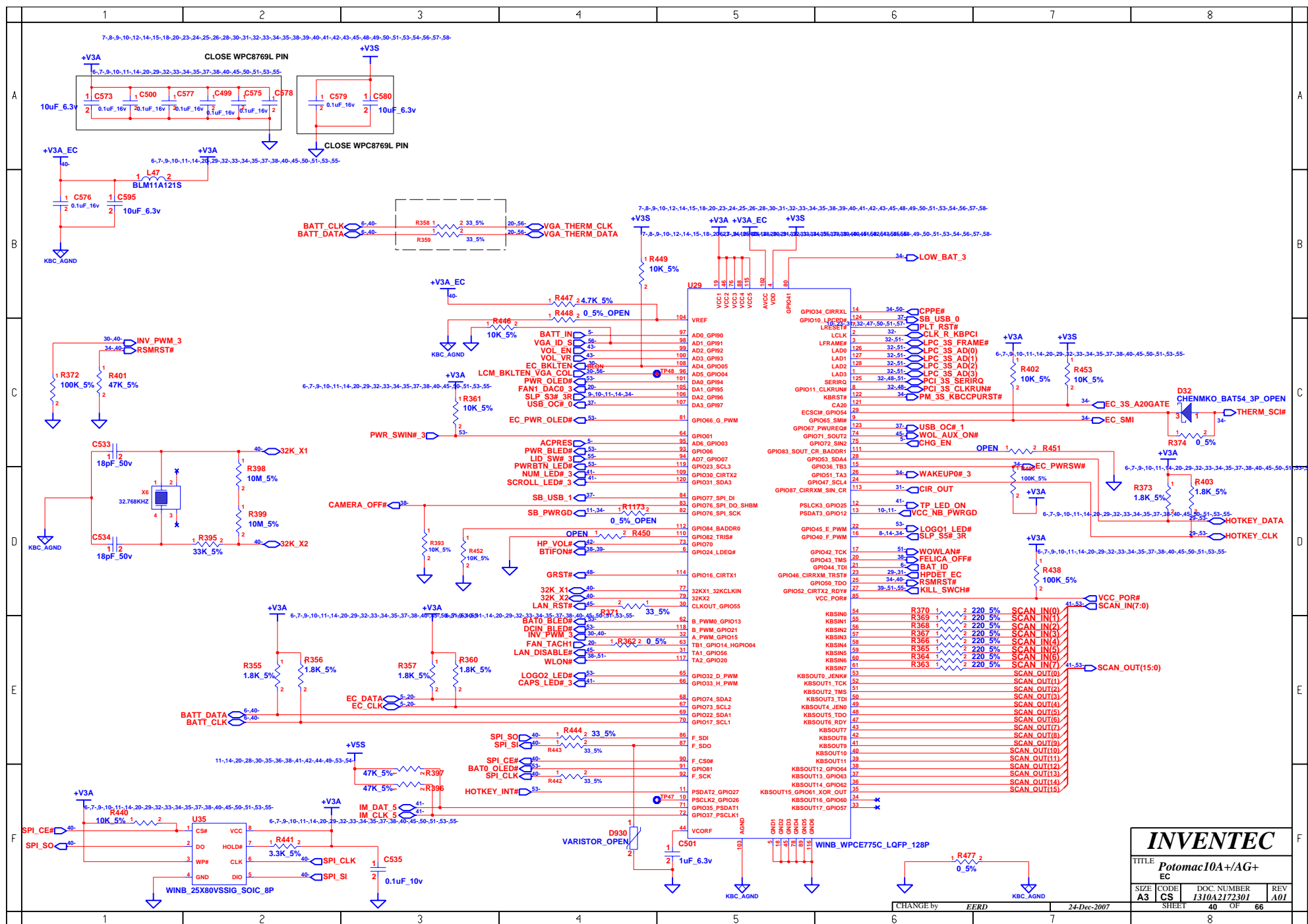
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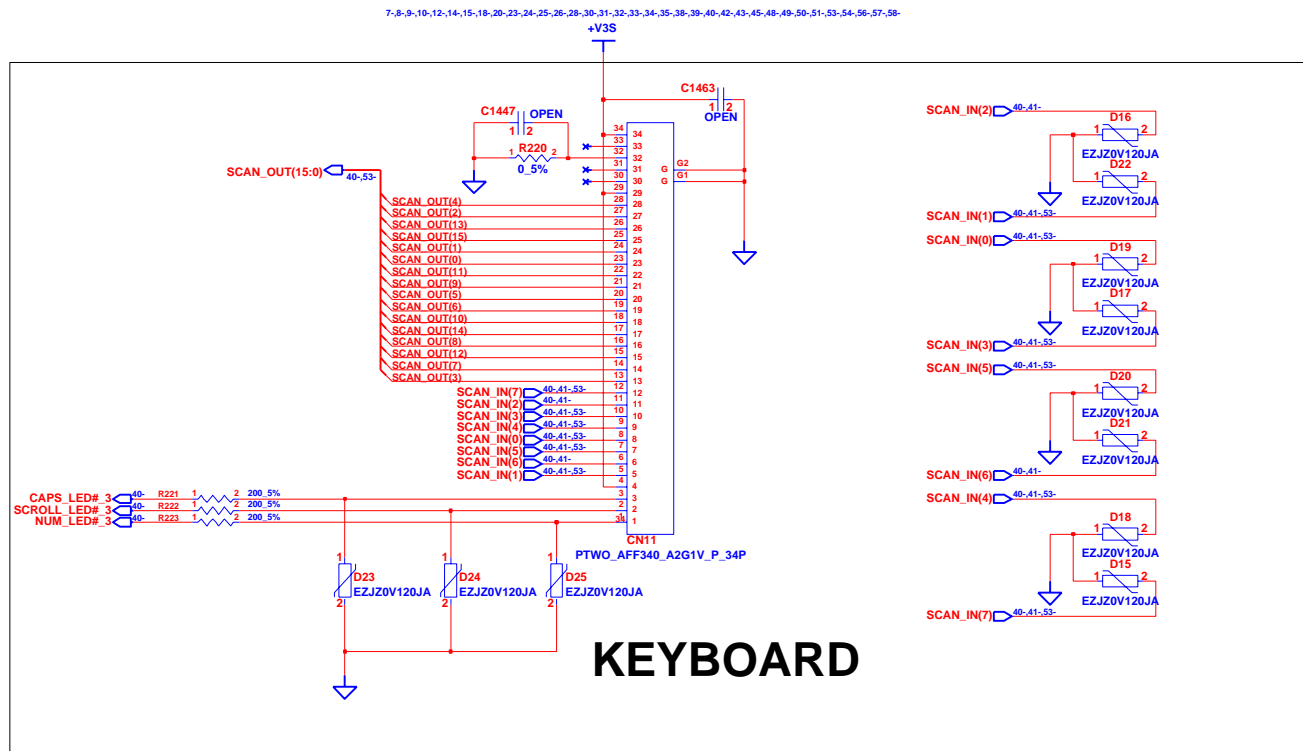
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**Potomac10A+ /AG+
BLUETOOTH**

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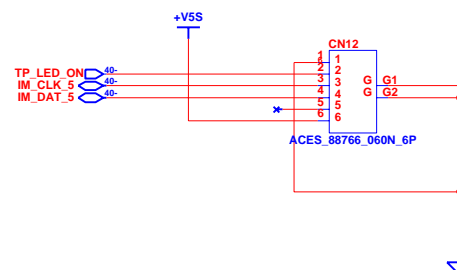
CHANGE by **EERD** 15-Nov-2007

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KEYBOARD



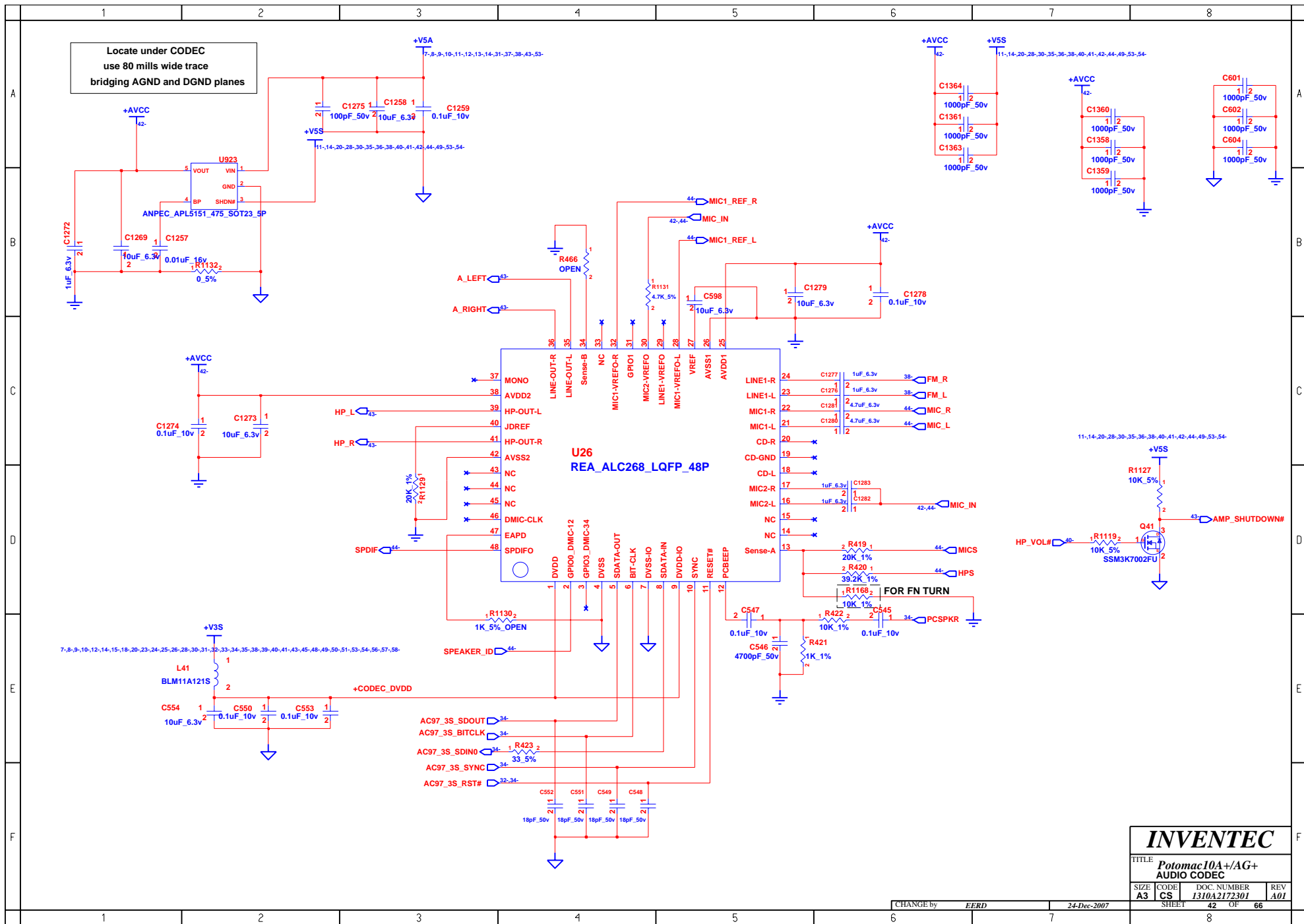
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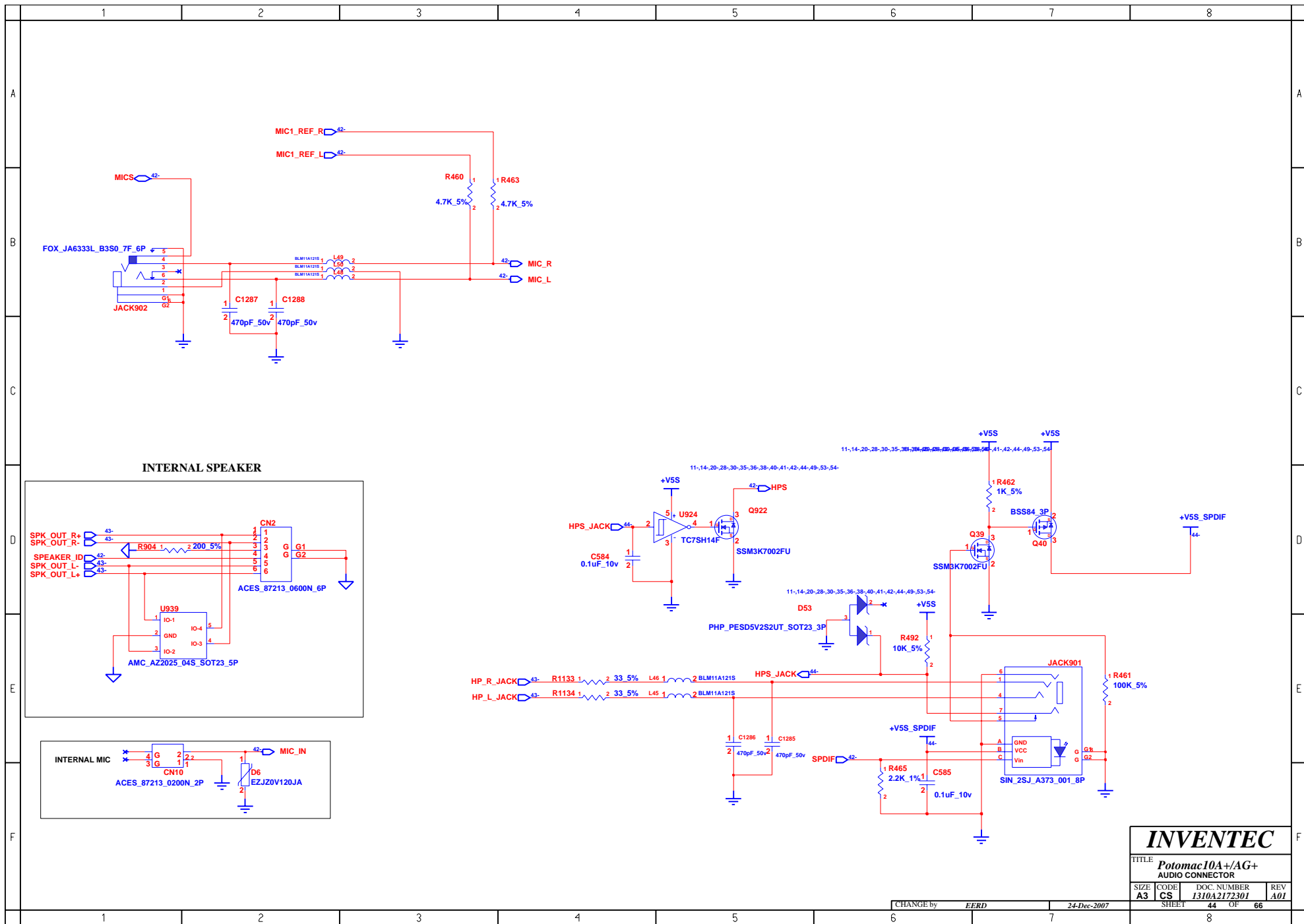
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**Potomac10A+/-AG+
KEYBOARD**

SIZE	CODE	DOC. NUMBER	REV
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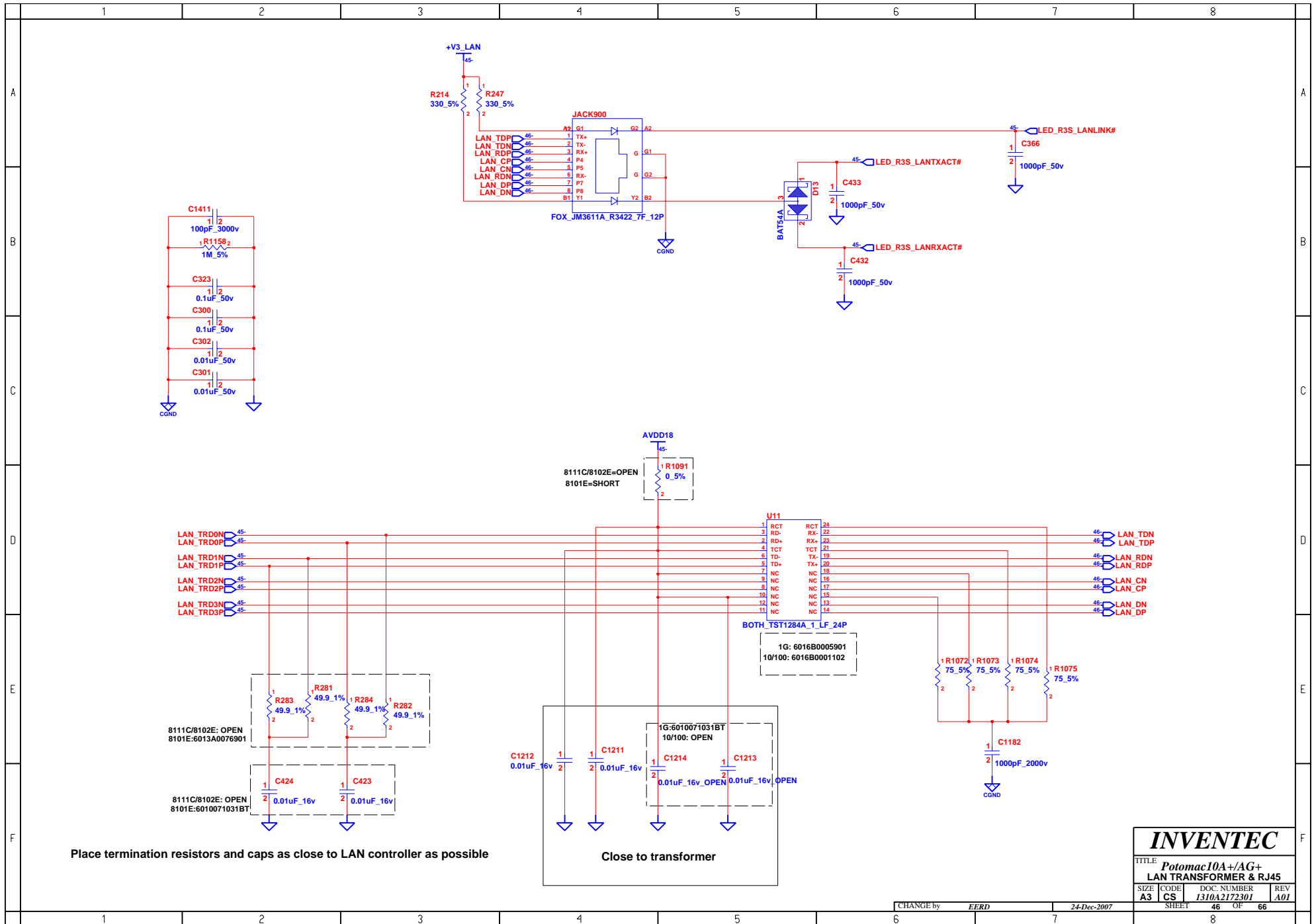
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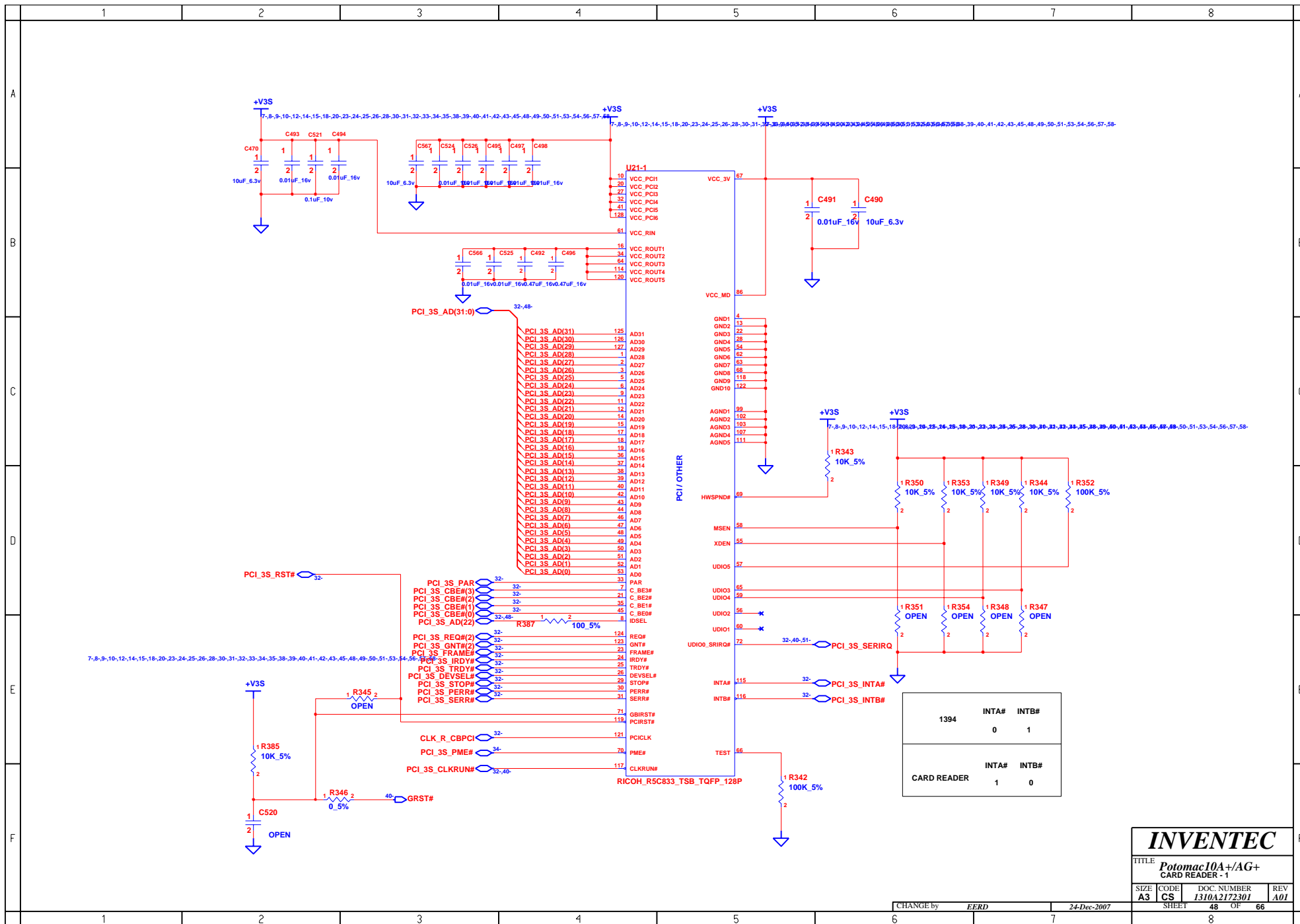
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**Potomac10A+/AG+
AUDIO CONNECTOR**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2172301	A01

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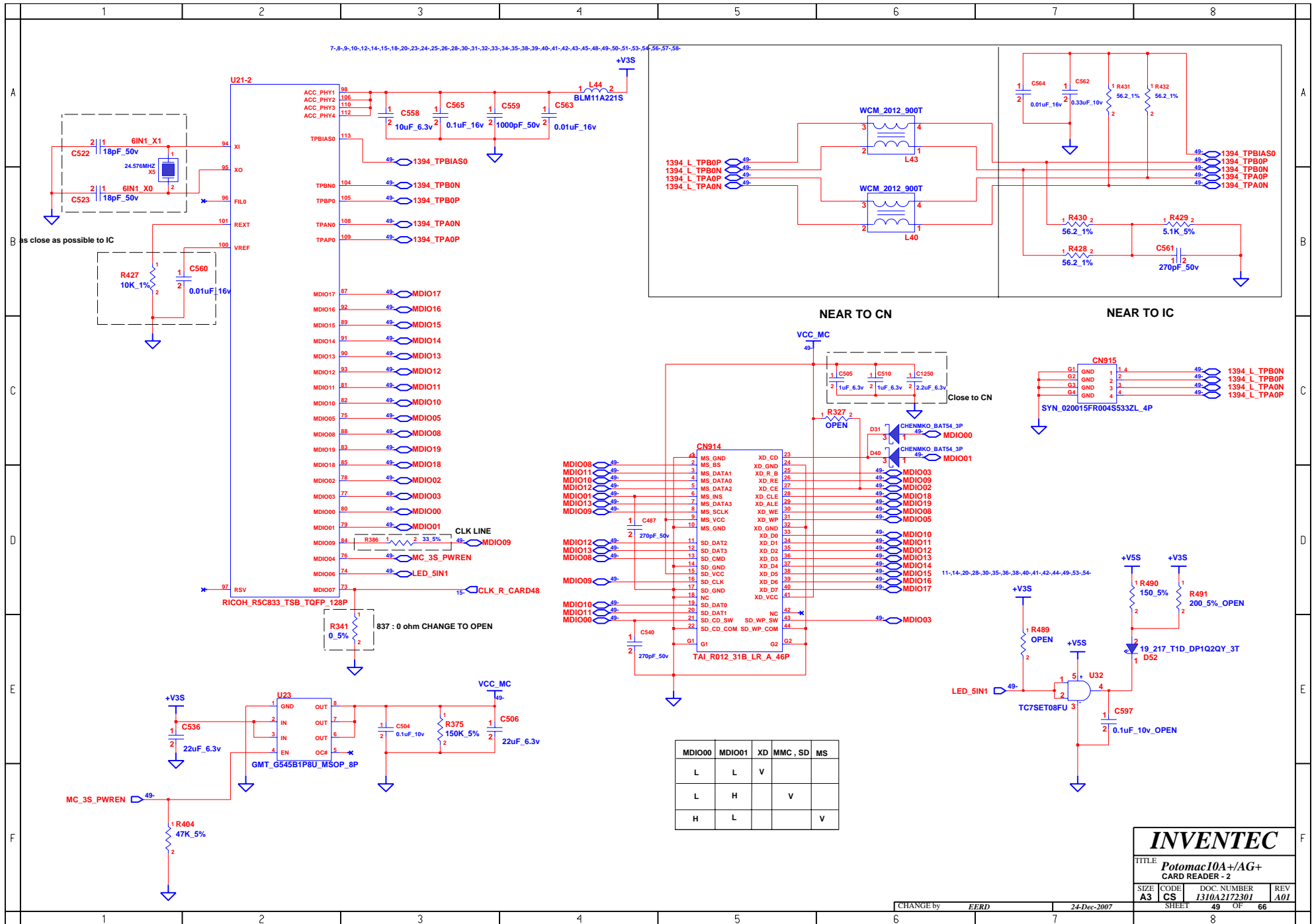
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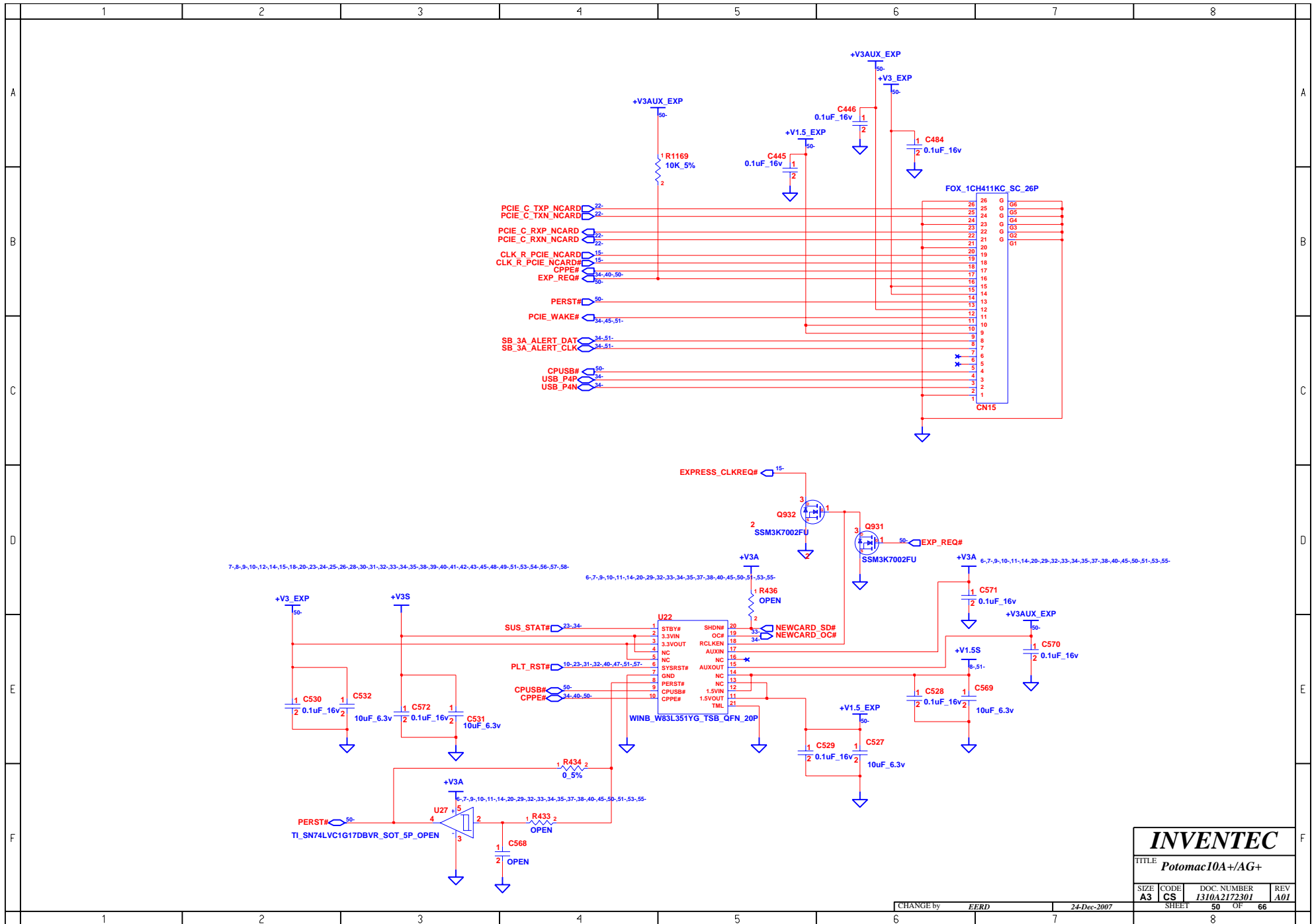
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**Potomac10A+/AG+
CARD READER - 1**

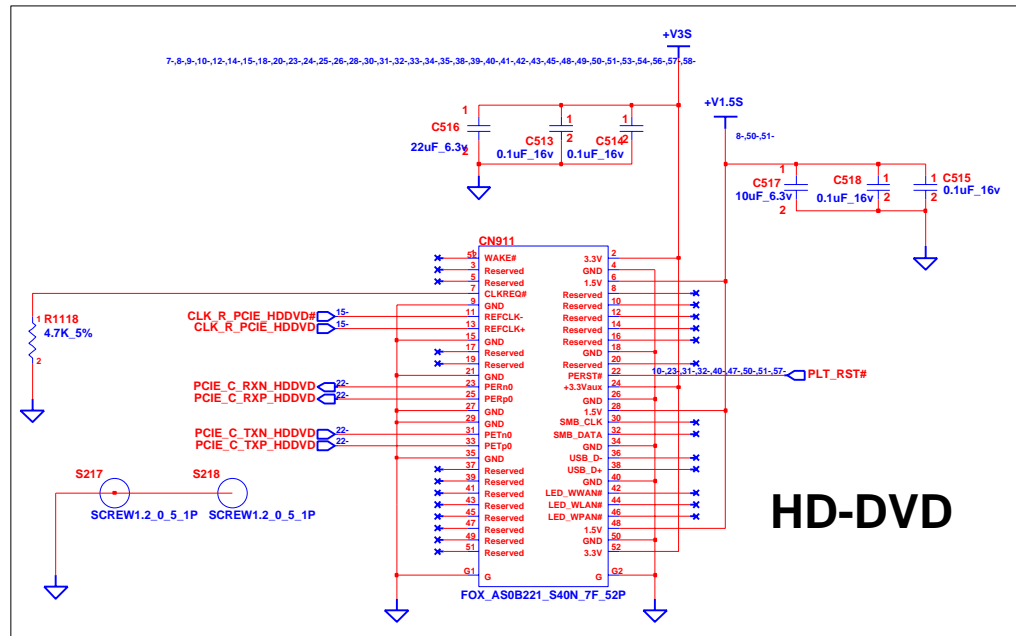
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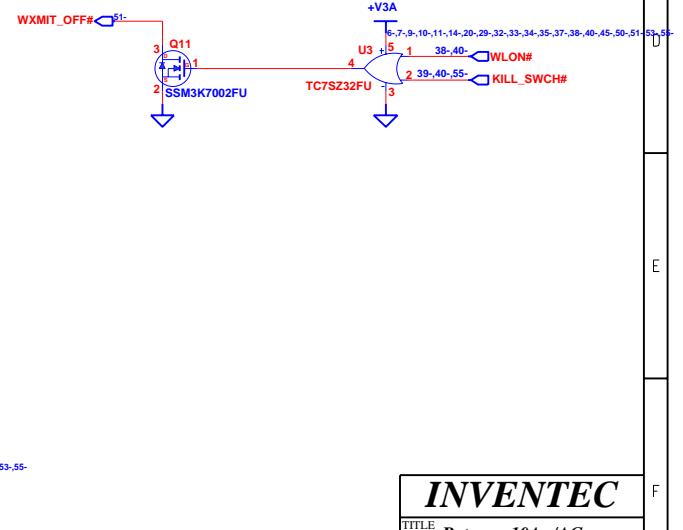
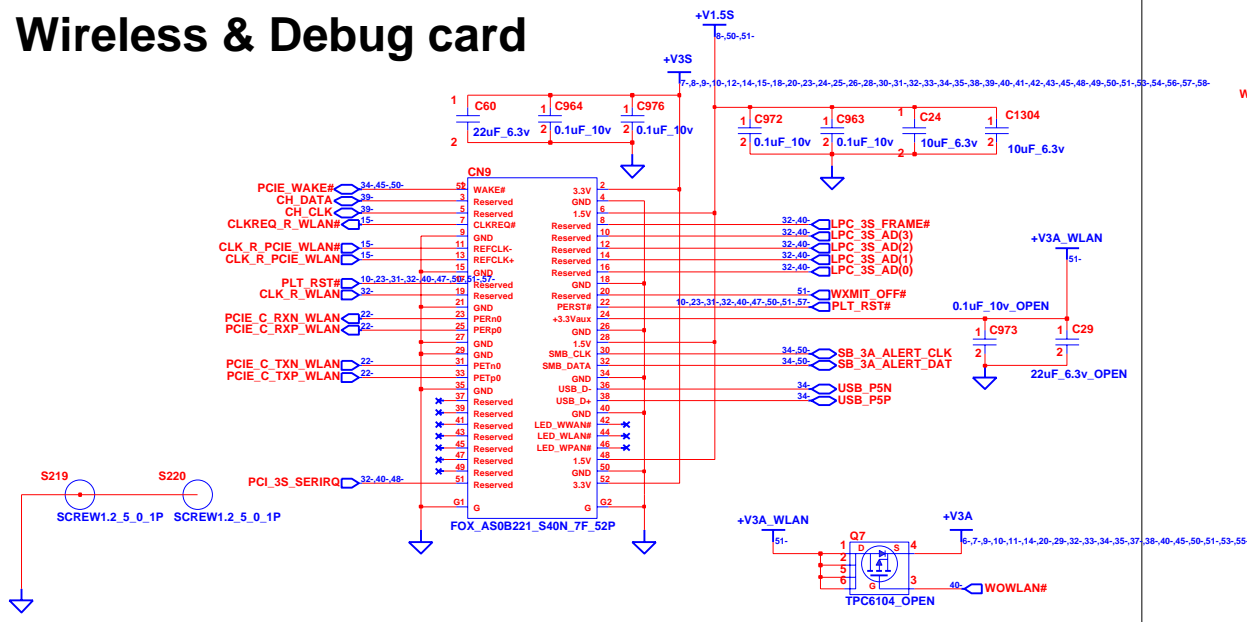
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Wireless & Debug card



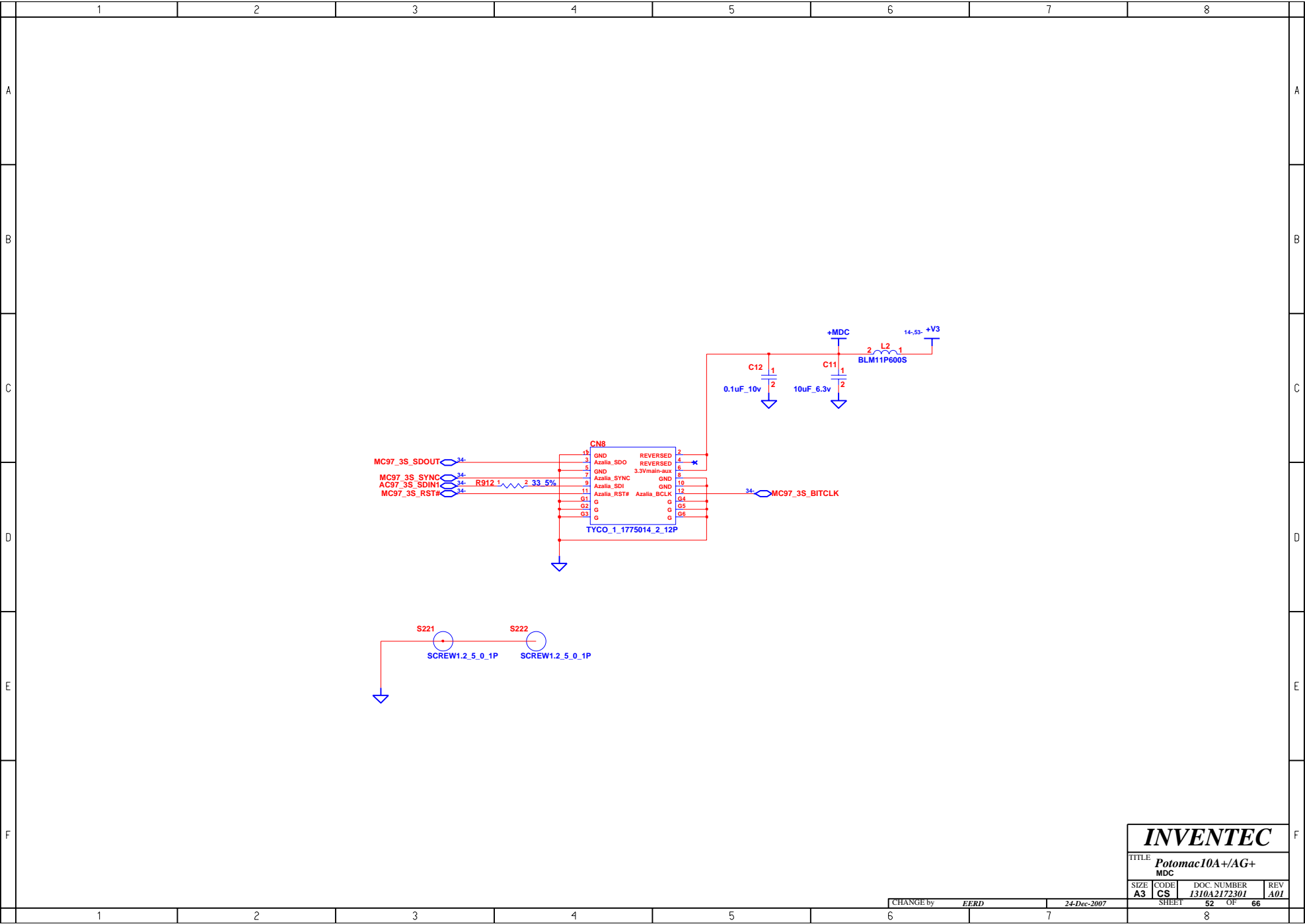
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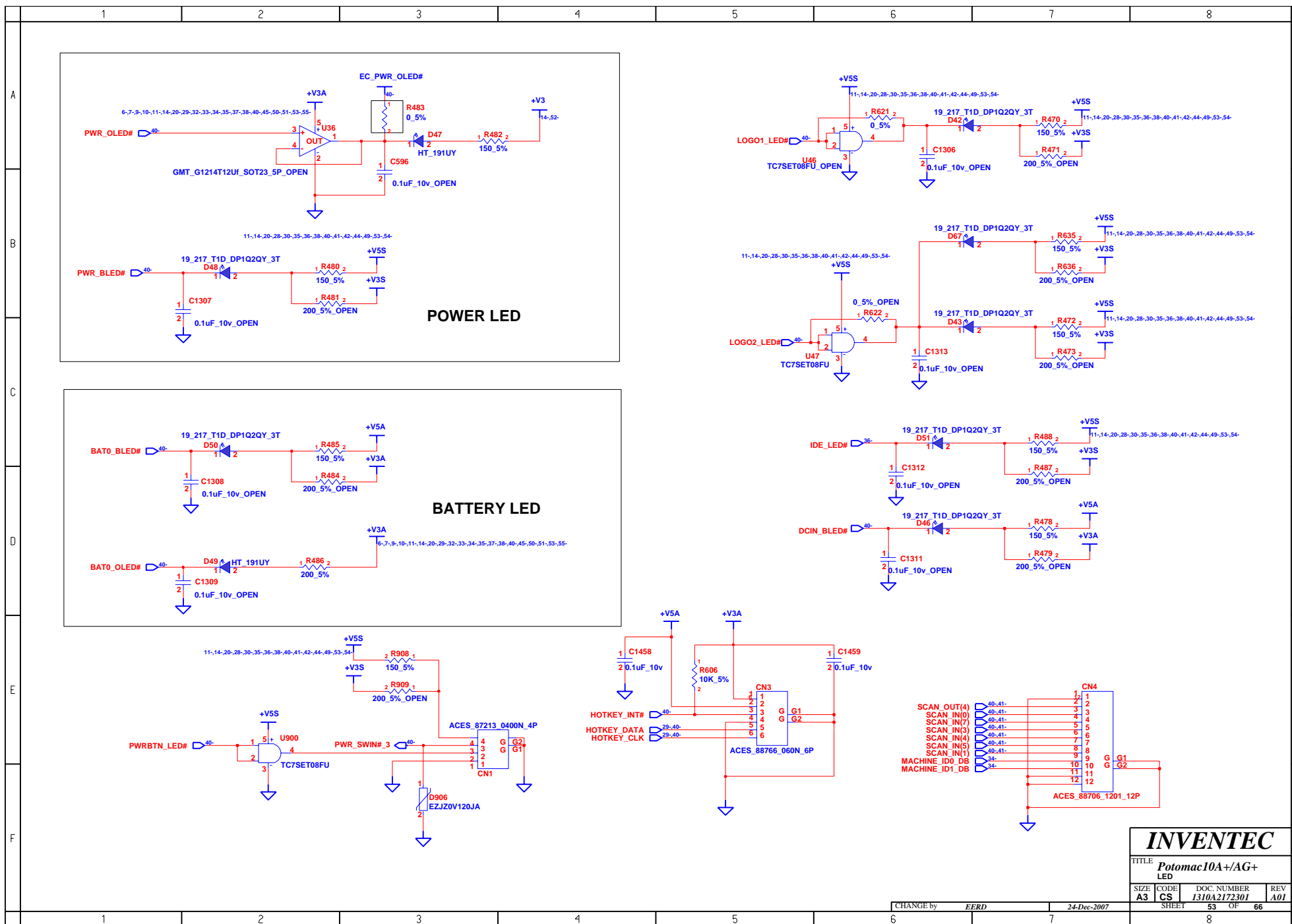
TITLE
Potomac10A+/AG+
HD-DVD & WLAN

SIZE CODE DOC. NUMBER REV
A3 CS 1310A2172301 A01

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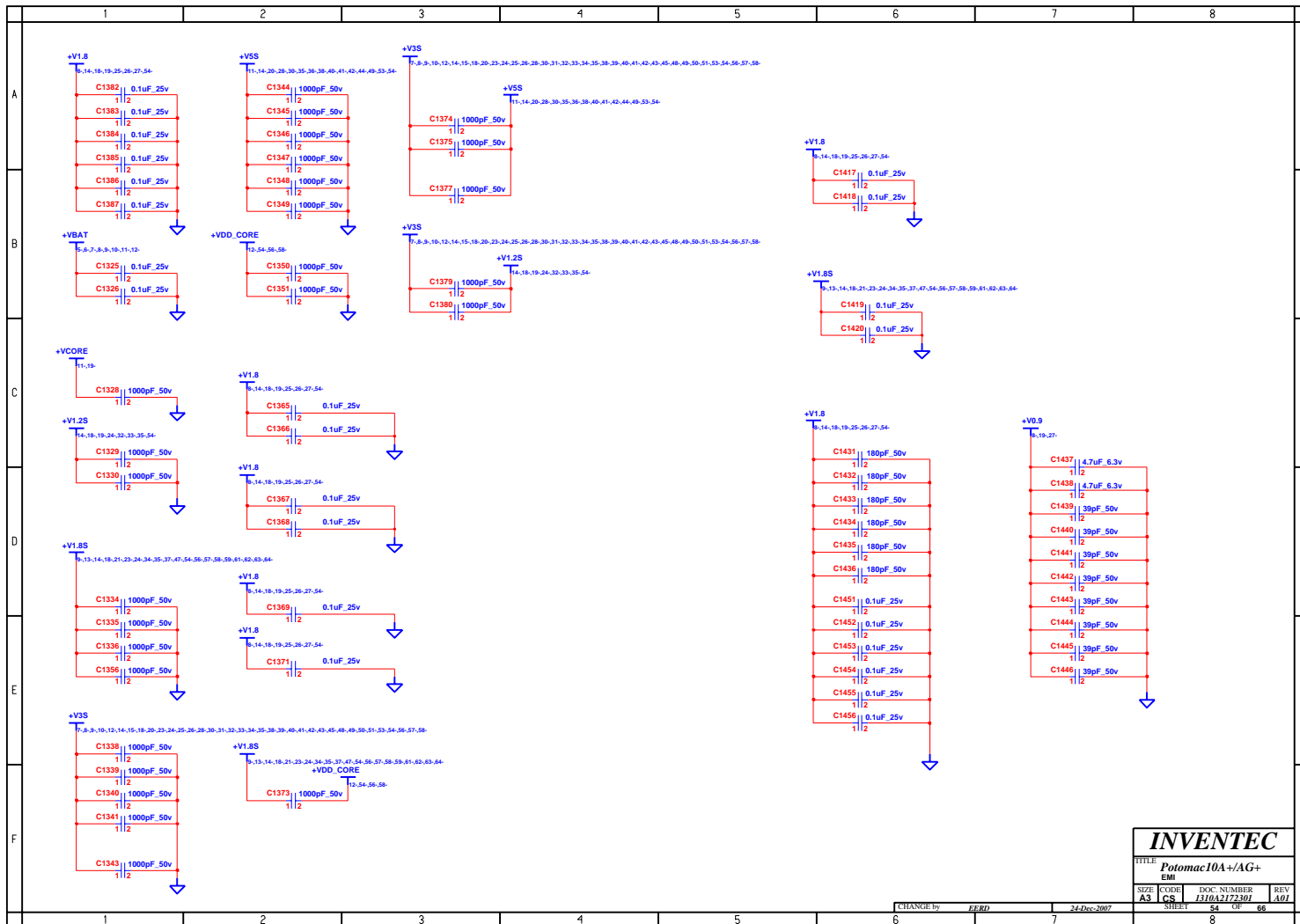
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TITLE: Potomac10A+/AG+
LED

SIZE CODE DOC. NUMBER REV
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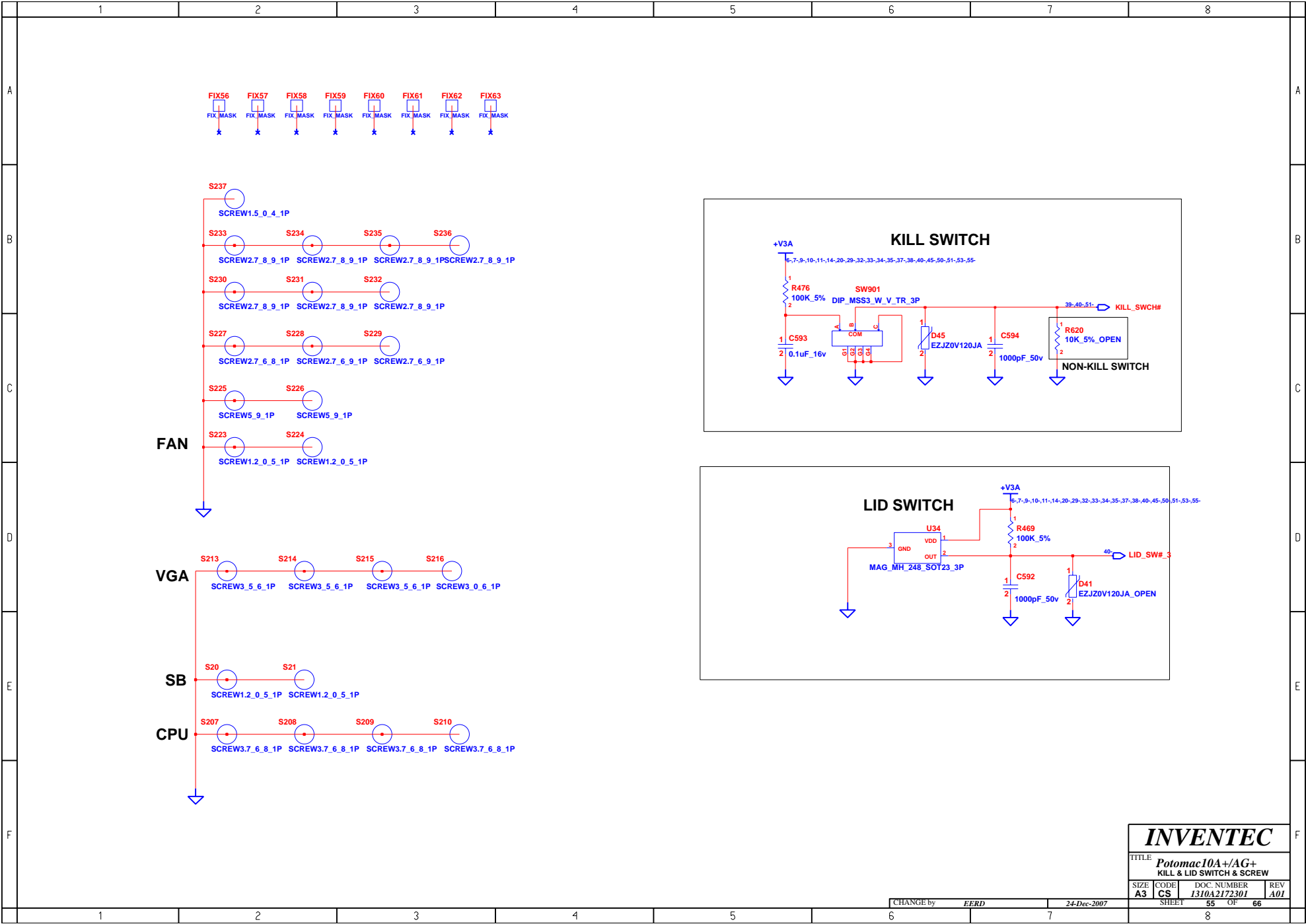
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TITLE Potomac10A+/AG+			
SIZE	CODE	DOC NUMBER	REV
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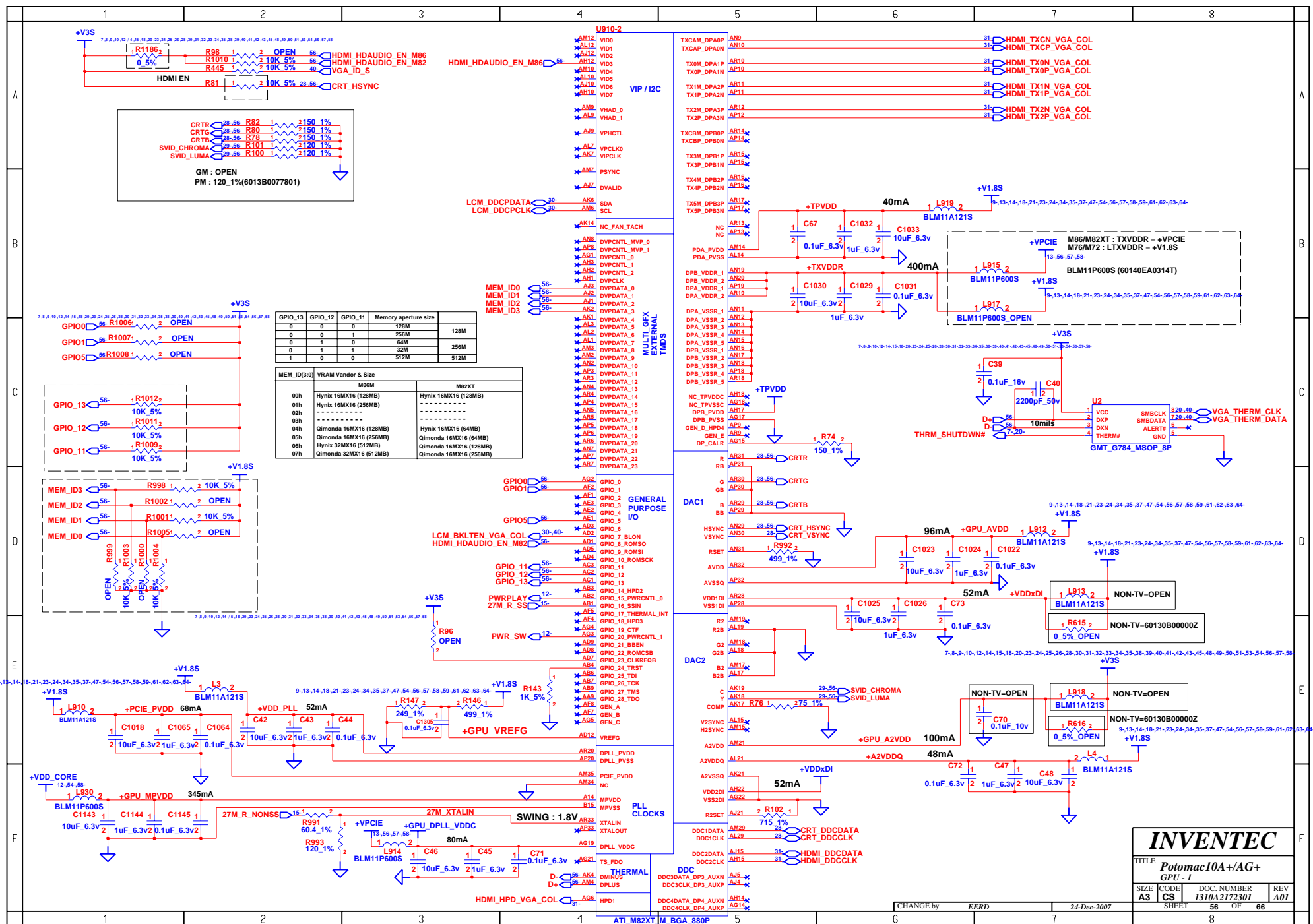


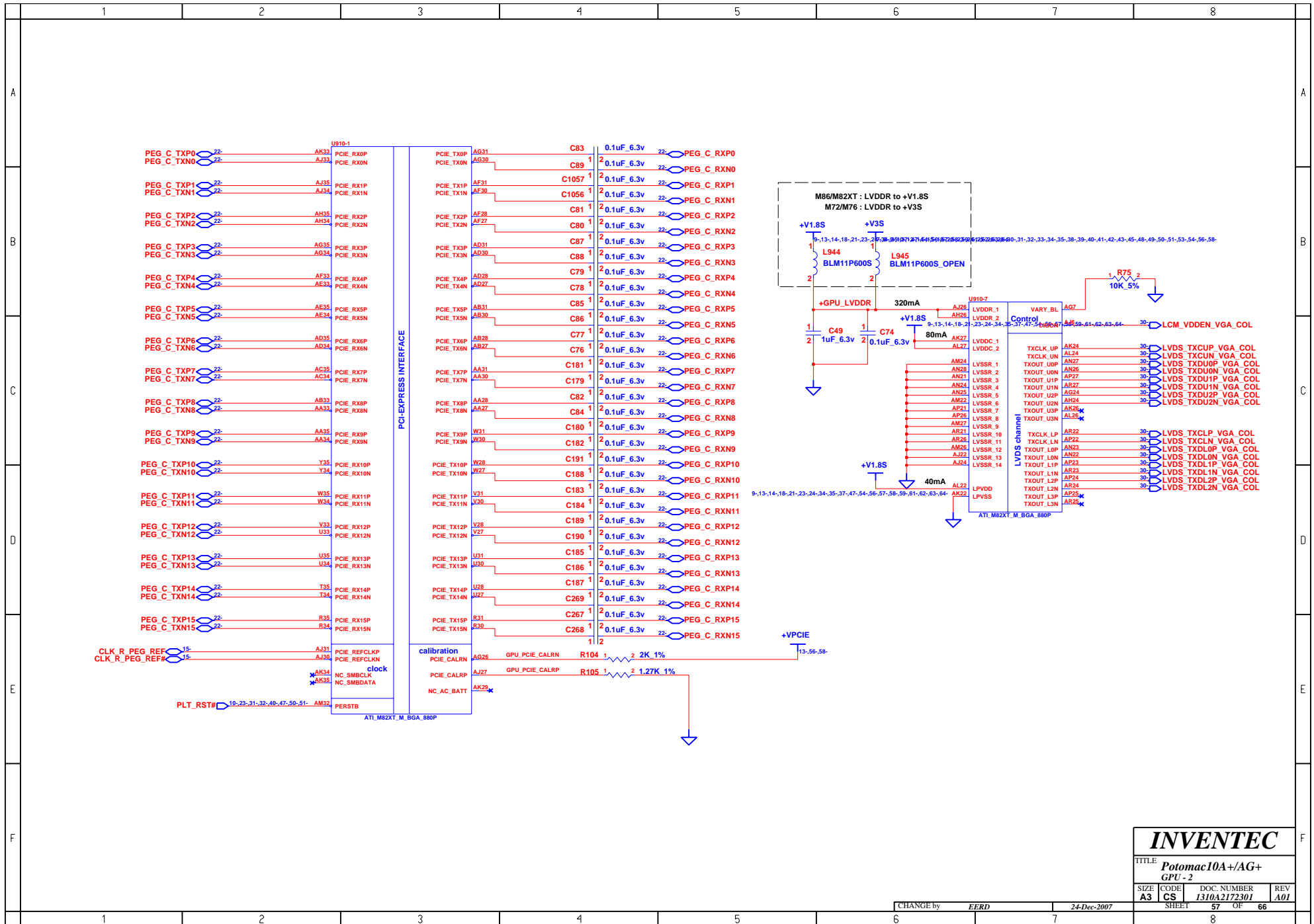
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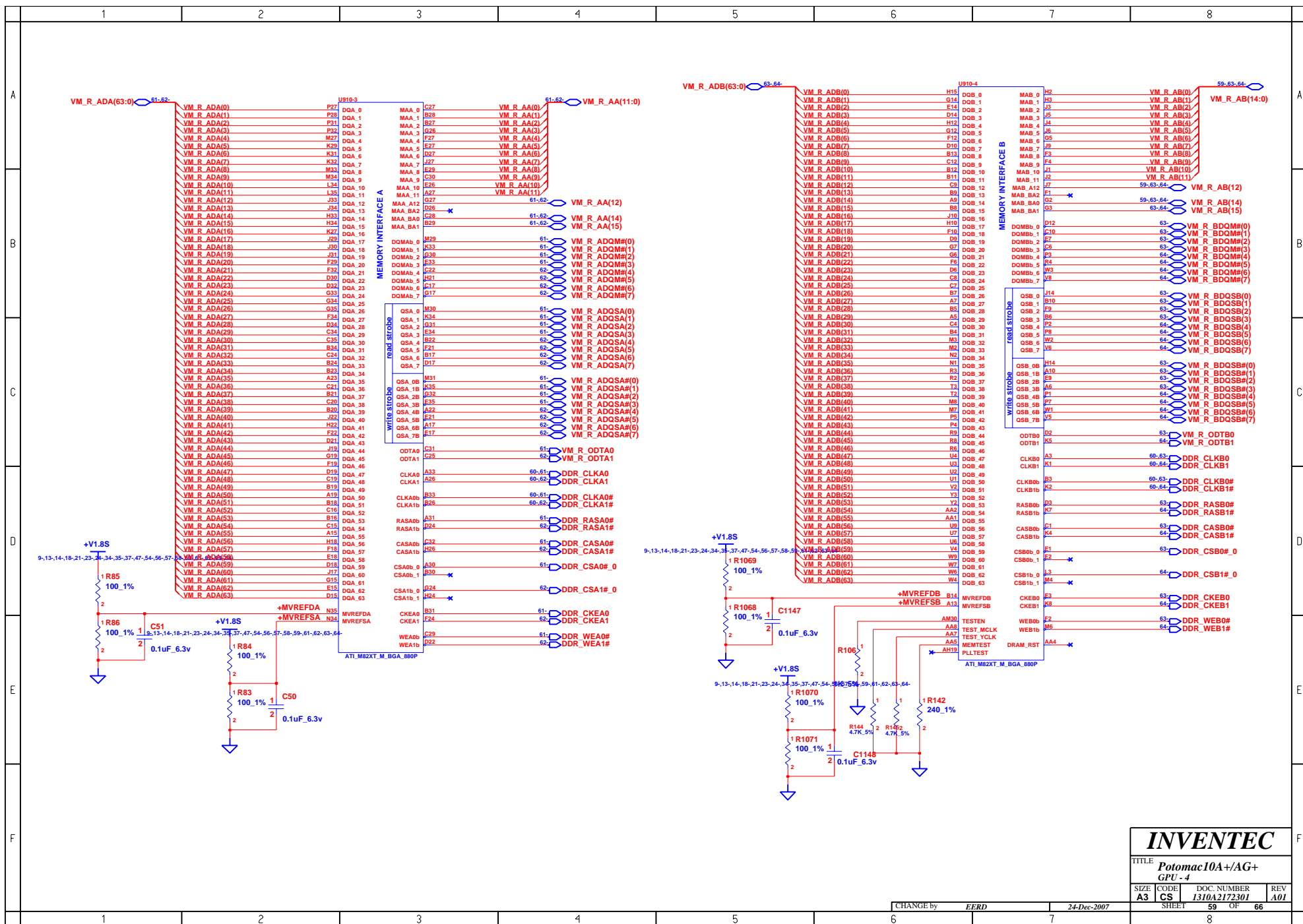
TITLE
Potomac10A+/AG+
KILL & LID SWITCH & SCREW

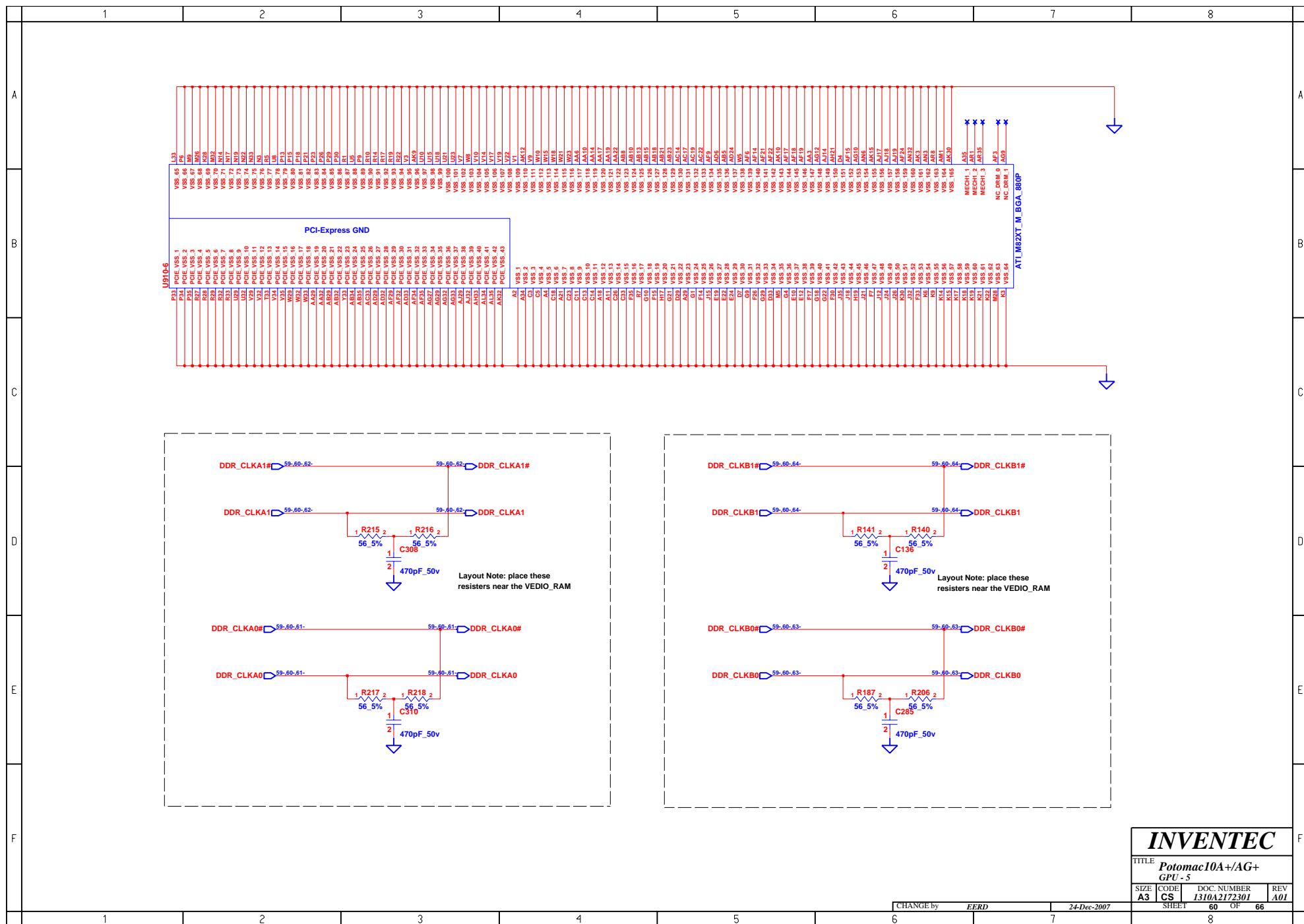
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2172301	A01

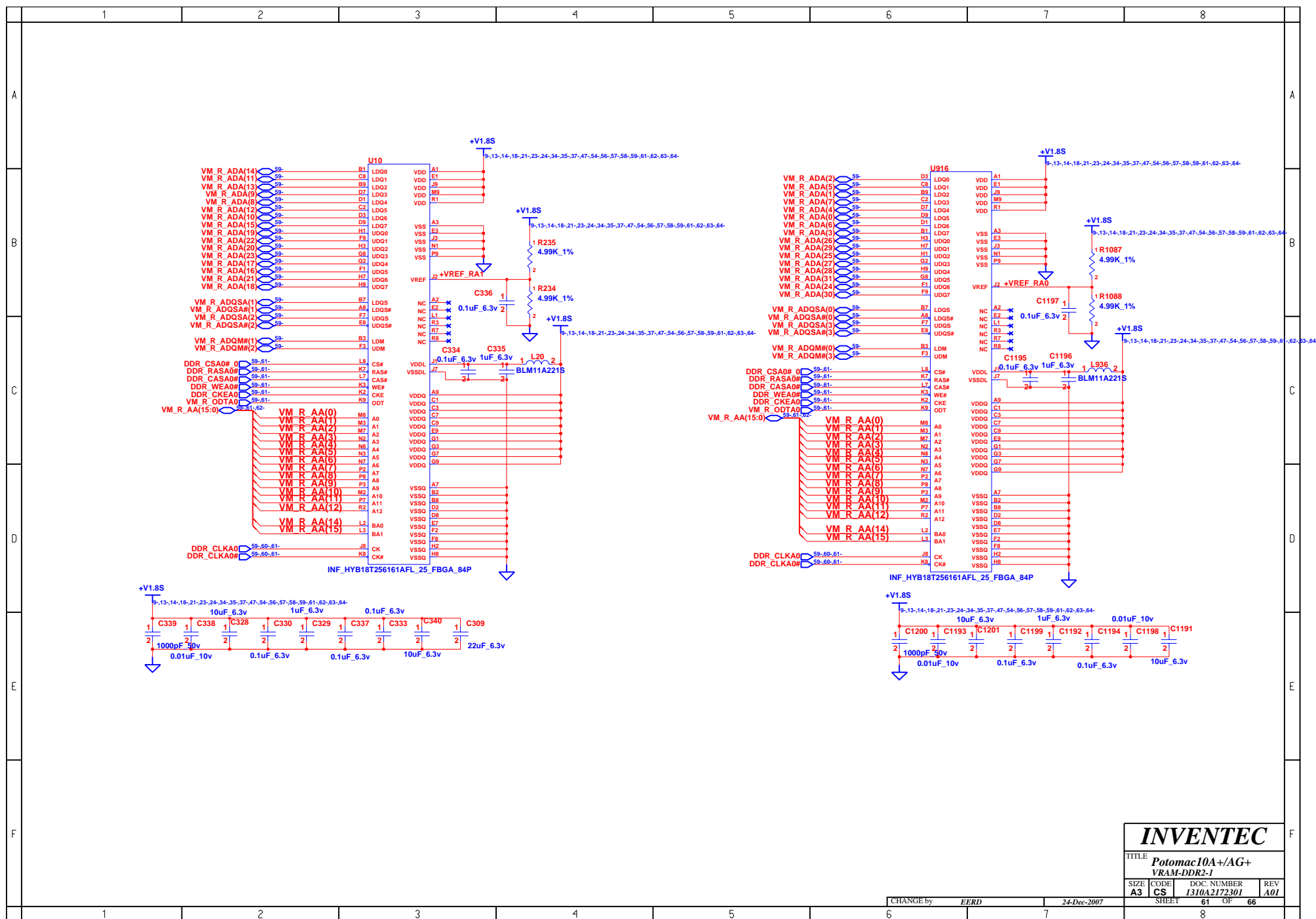
CHANGE by	DATE	SHEET	OF
EERD	24-Dec-2007	55	66

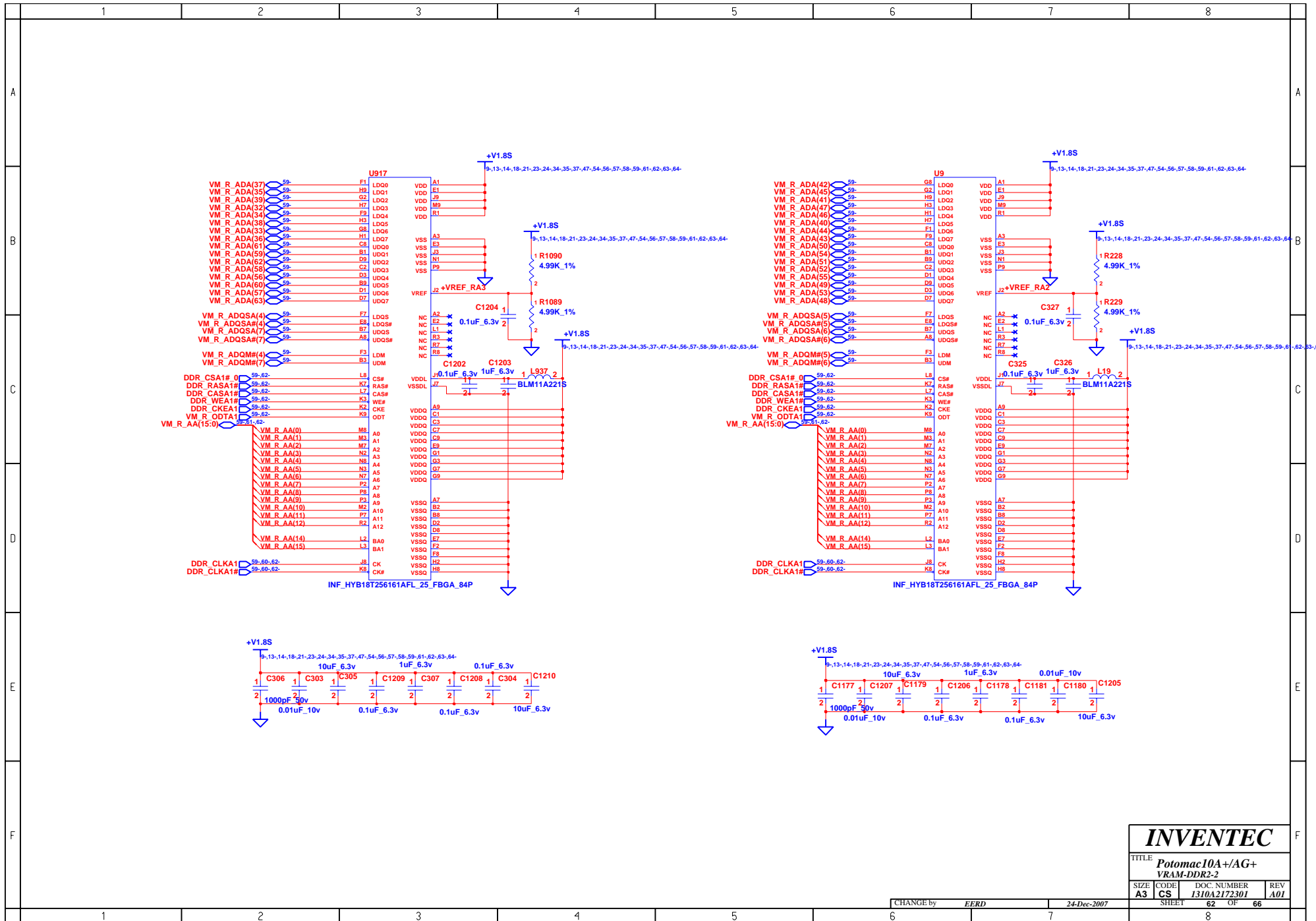












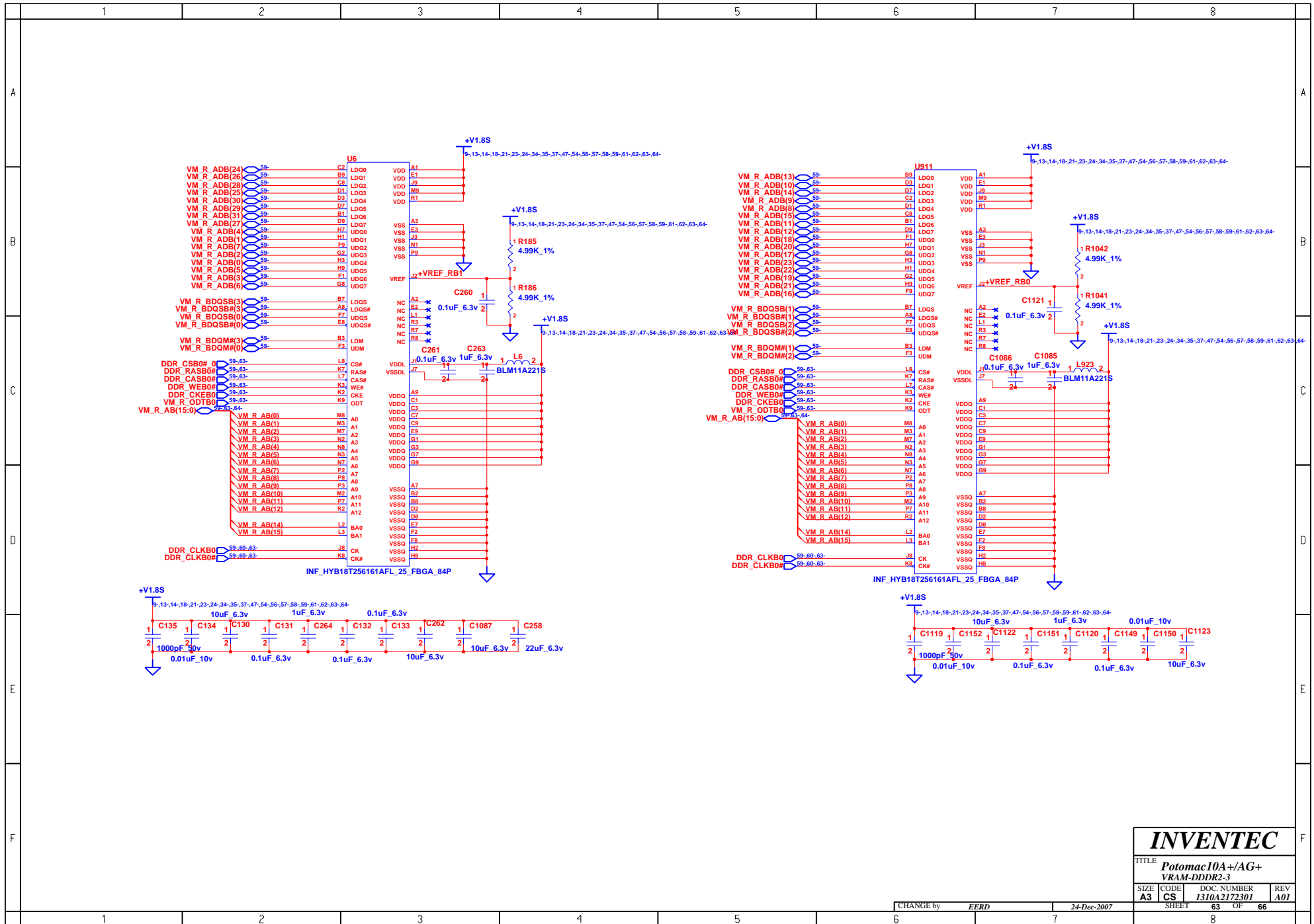
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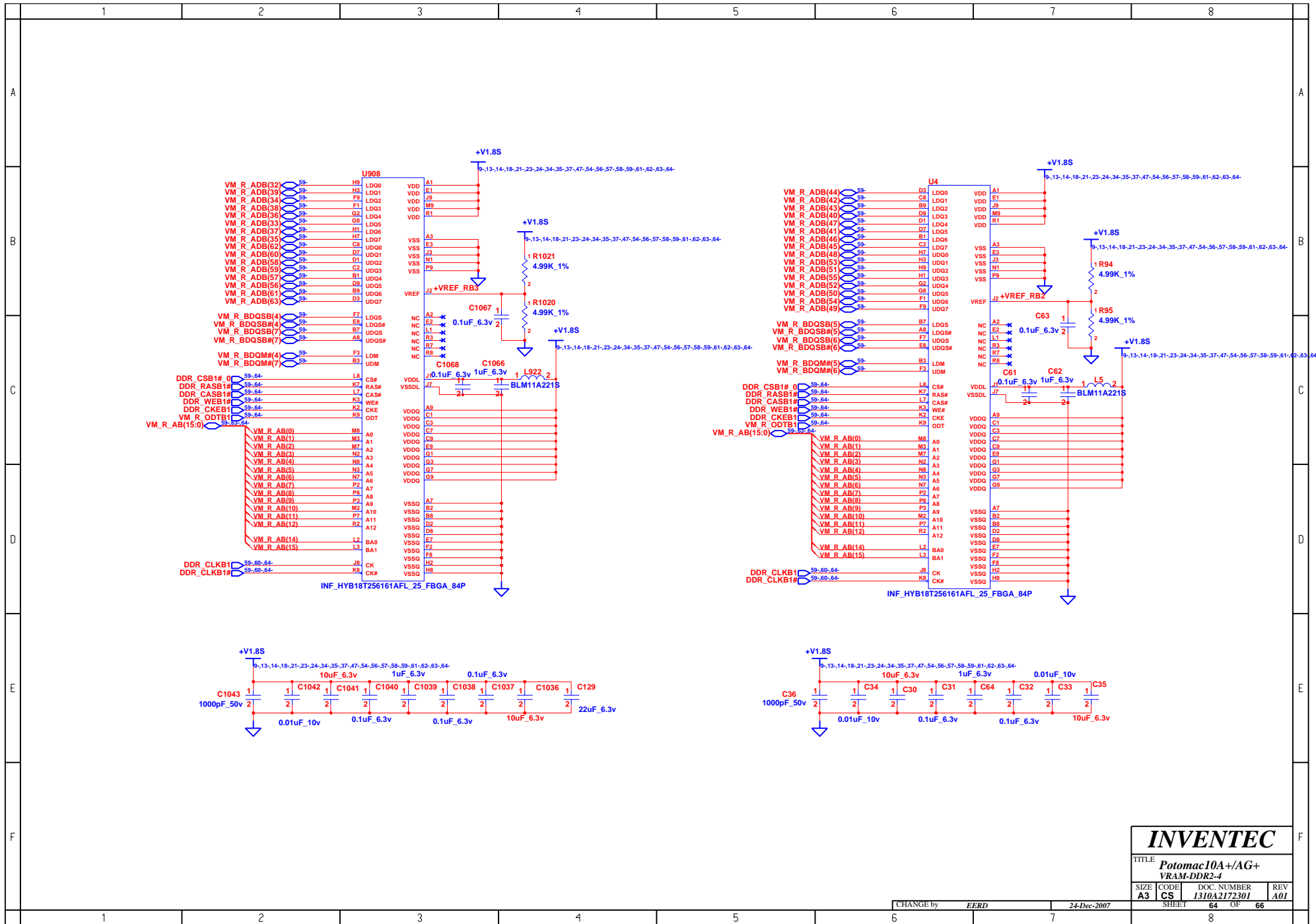
TITLE
**Potomac10A+/AG+
VRAM-DDR2-2**

SIZE CODE DOC. NUMBER REV
A3 CS 1310A2172301 A01

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INVENTEC

TITLE
**Potomac10A +/-AG+
VRAM-DDR2-4**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2172301	A01

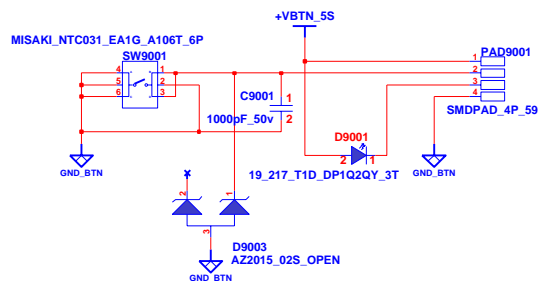
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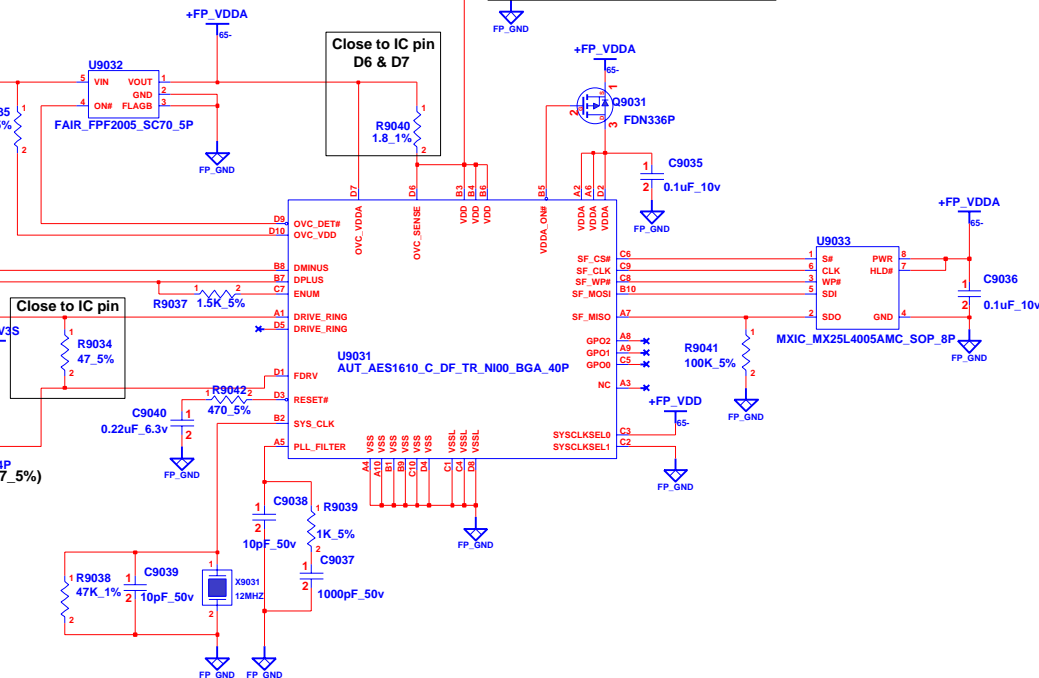
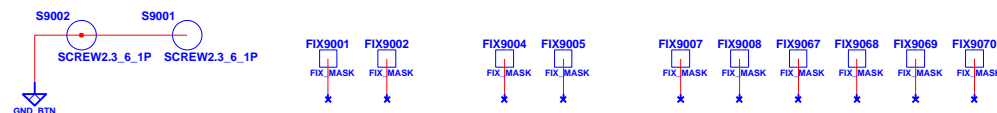
Finger Print Reader DB

PIN1 +V3S
PIN2 D-
PIN3 D+
PIN4 G

Trace length 20mil MAX
Use 3 via to FP_GND



POWER BOARD



INVENTEC

TITLE
**Potomac10A+/-AG+
Small Board**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2172301	A01

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