

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

Potomac 10SG

MP BUILD

2008 0123

INVENTEC			
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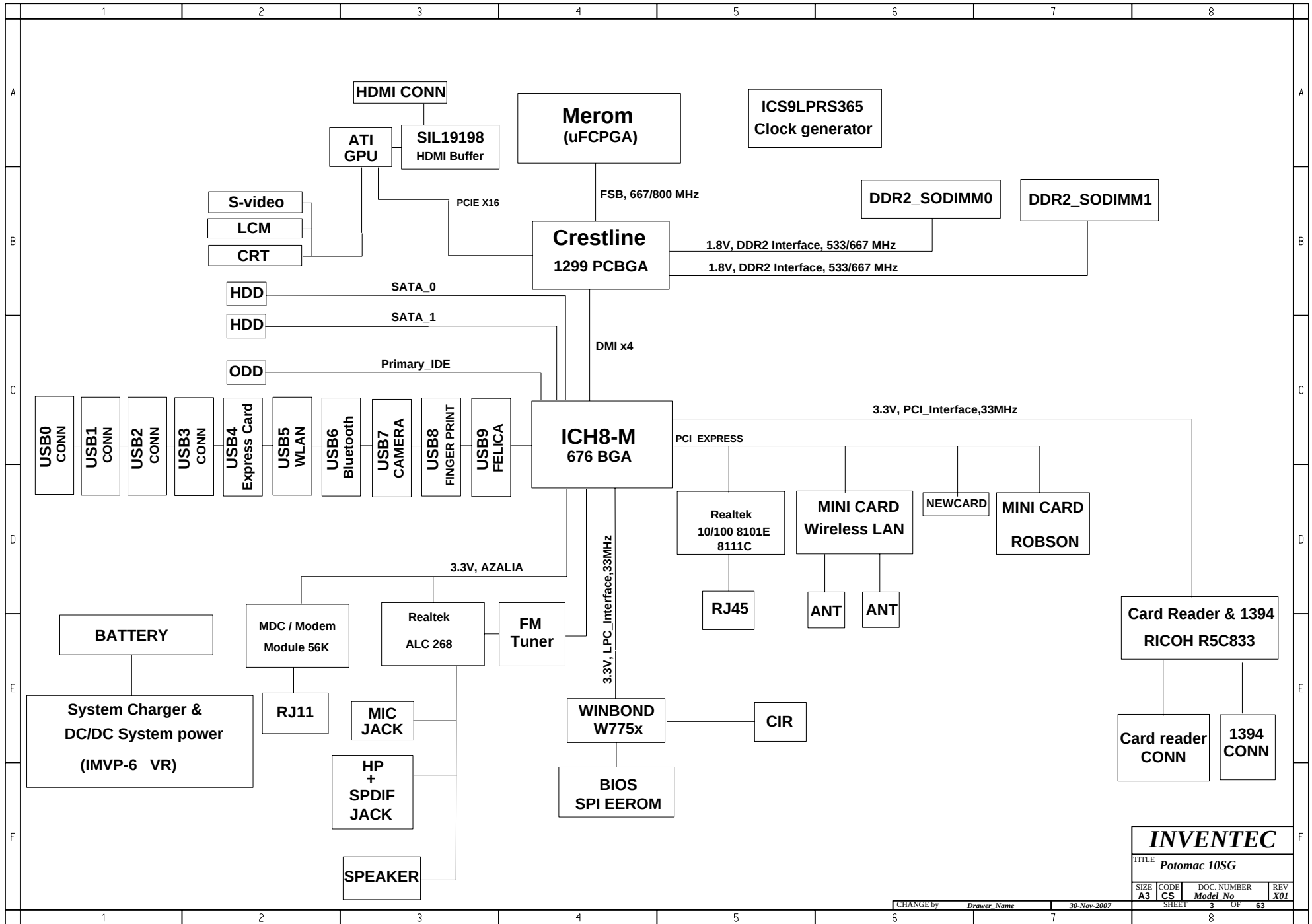
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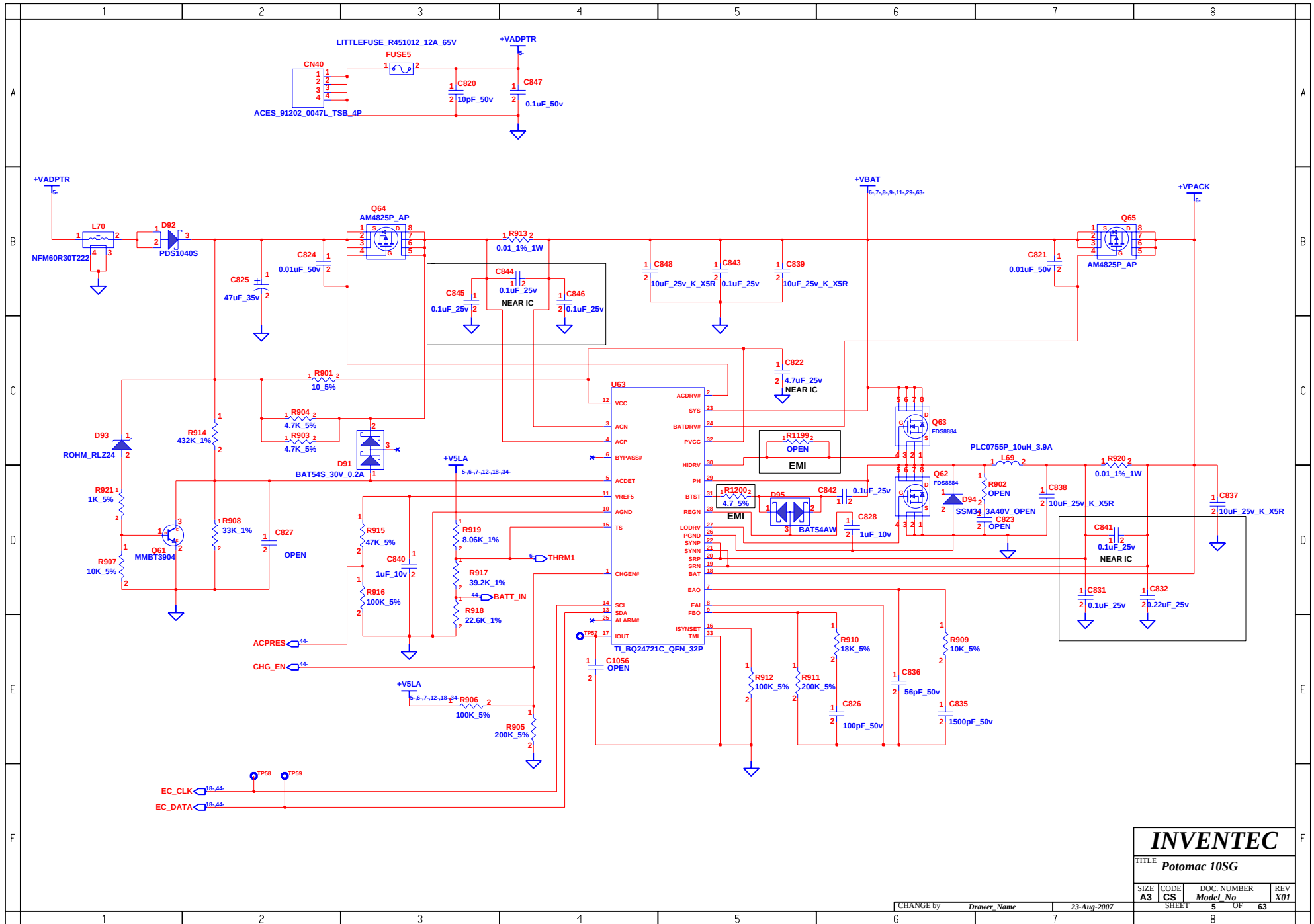
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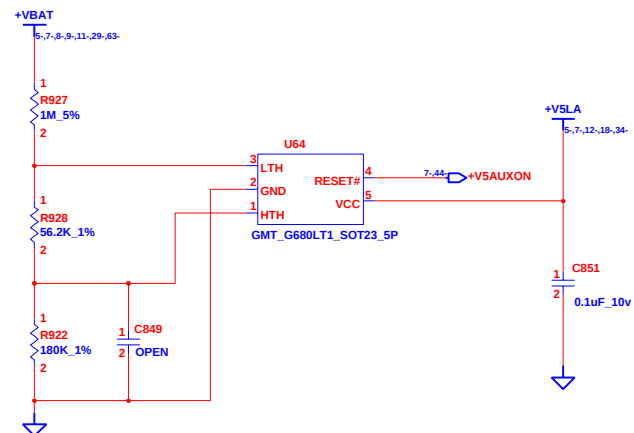
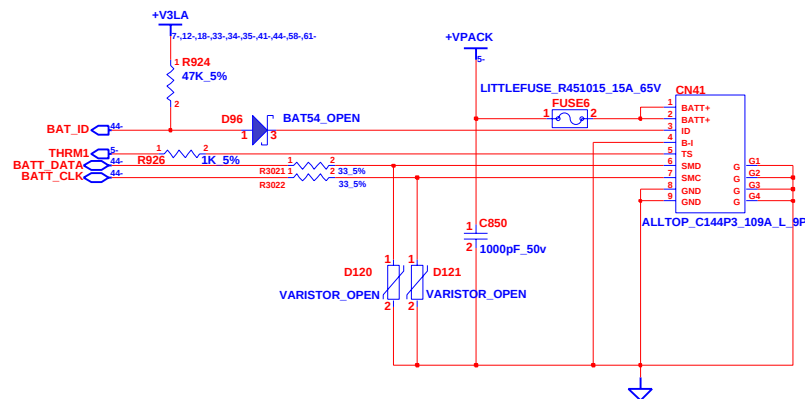
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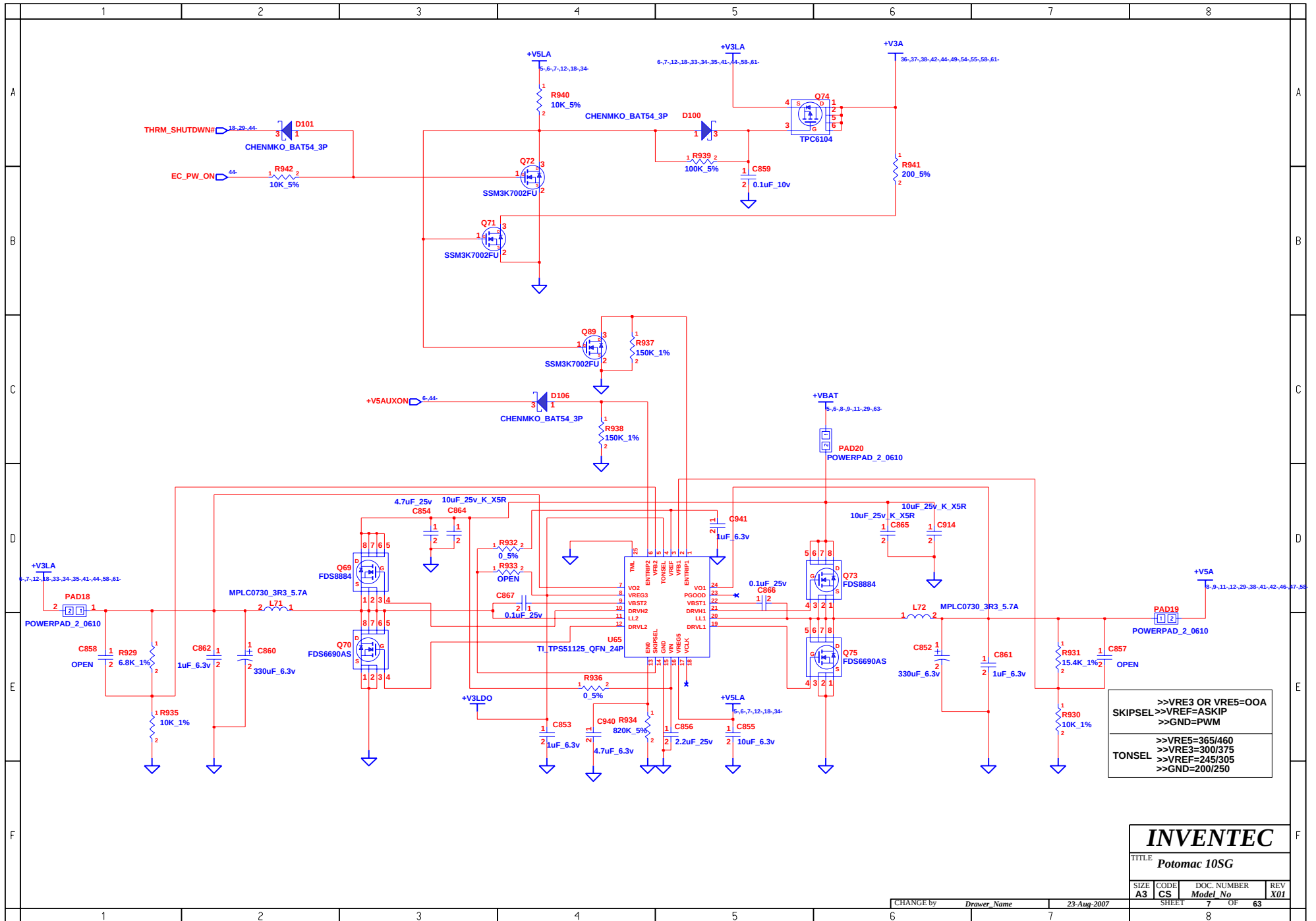
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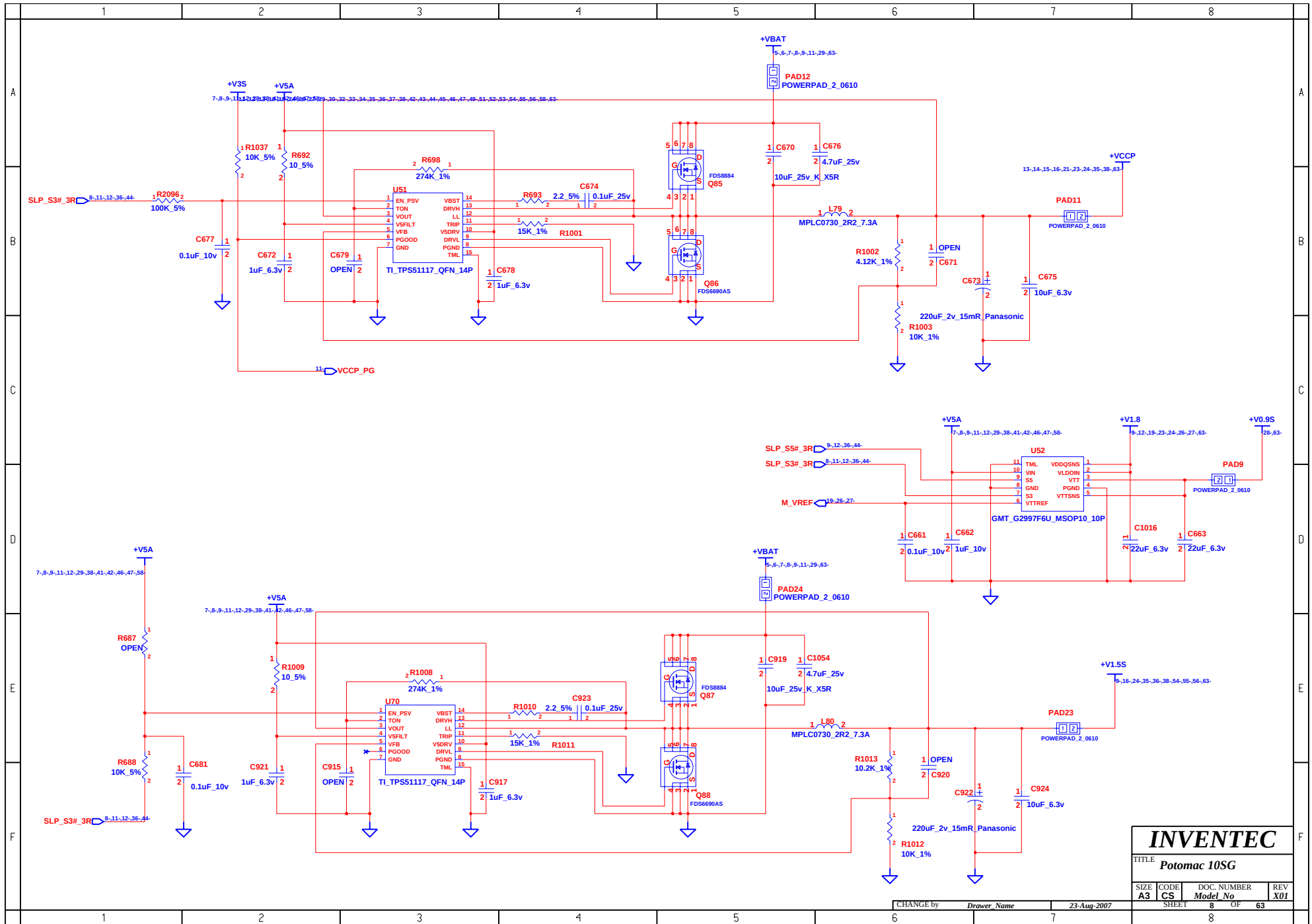
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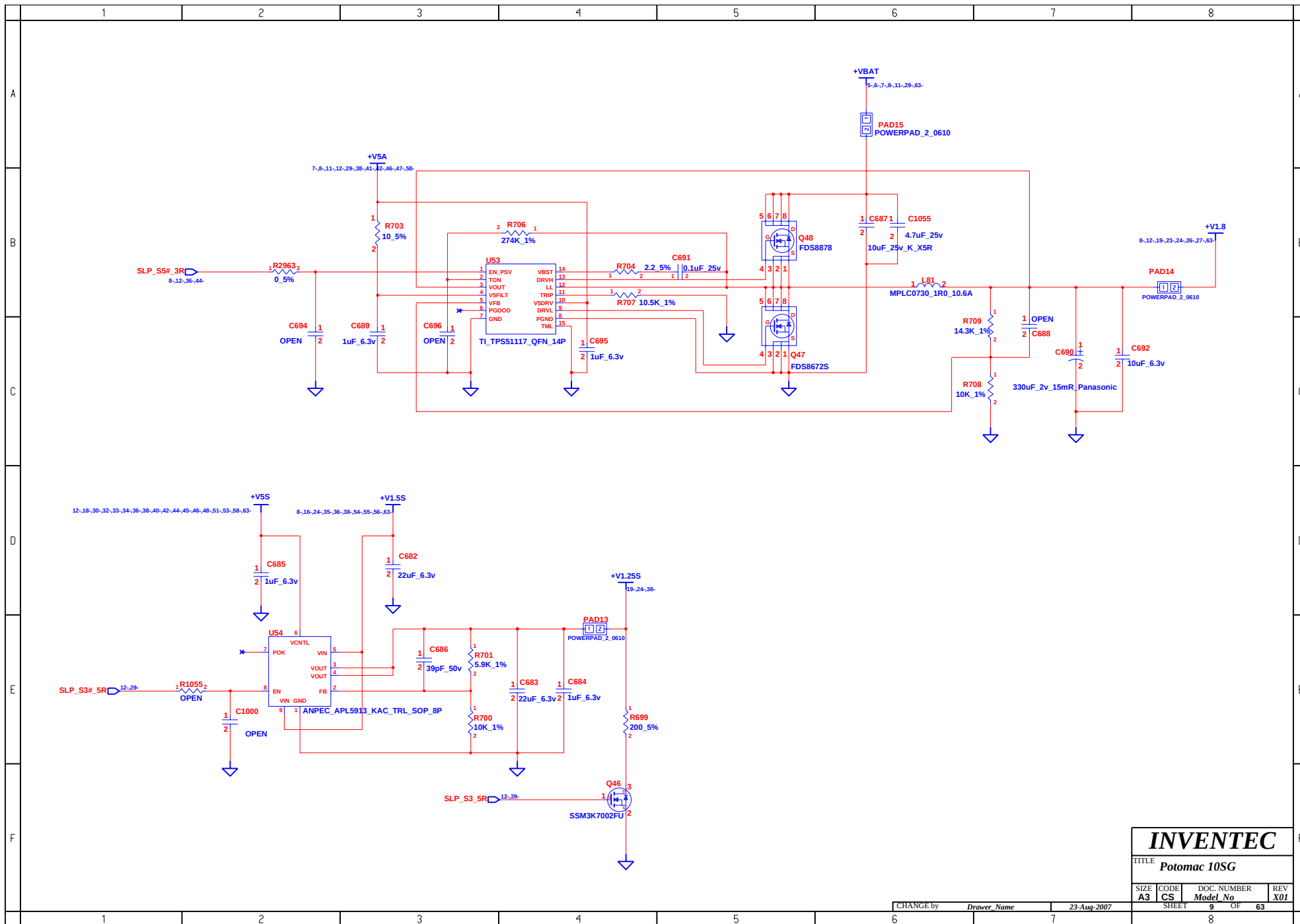
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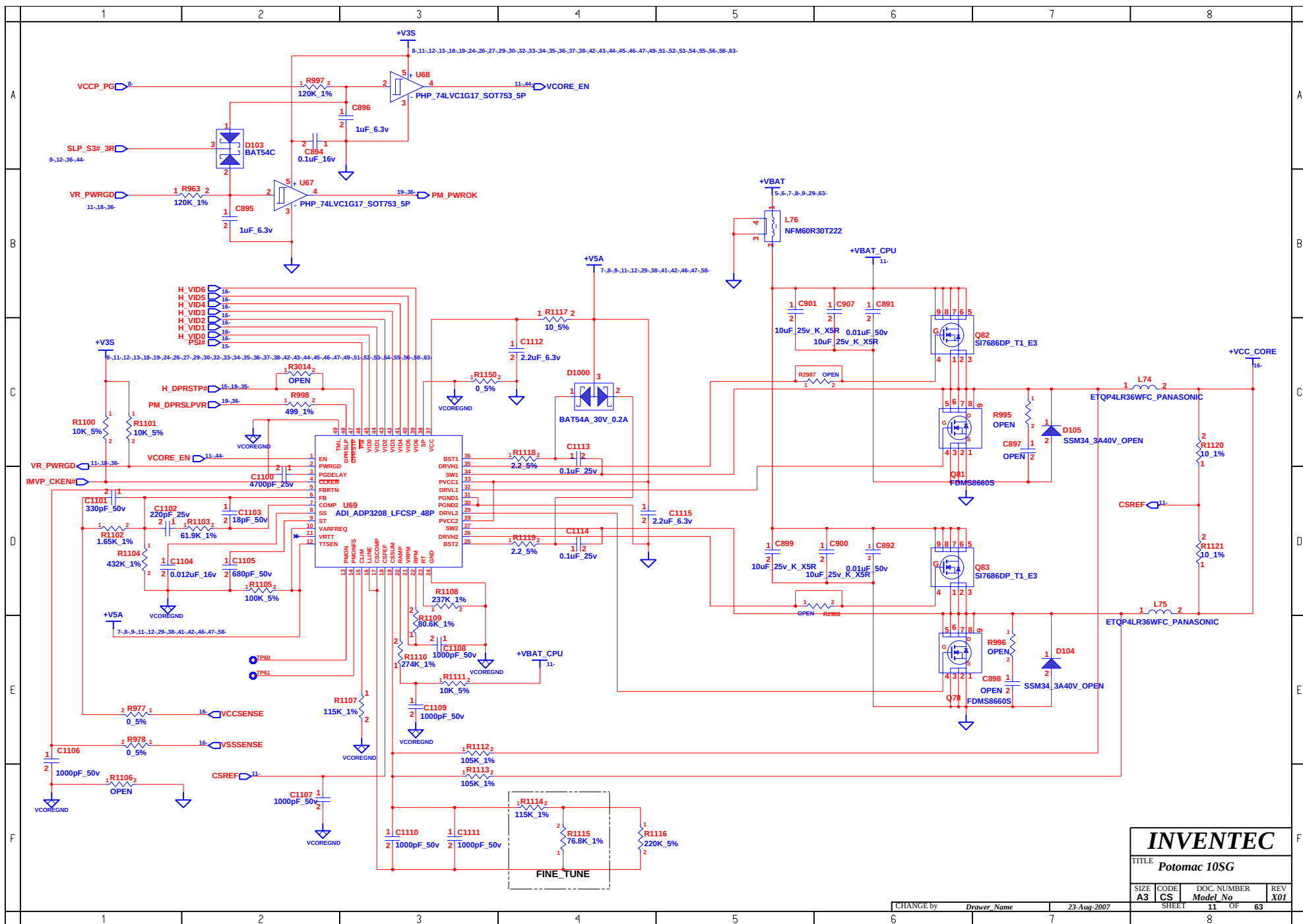
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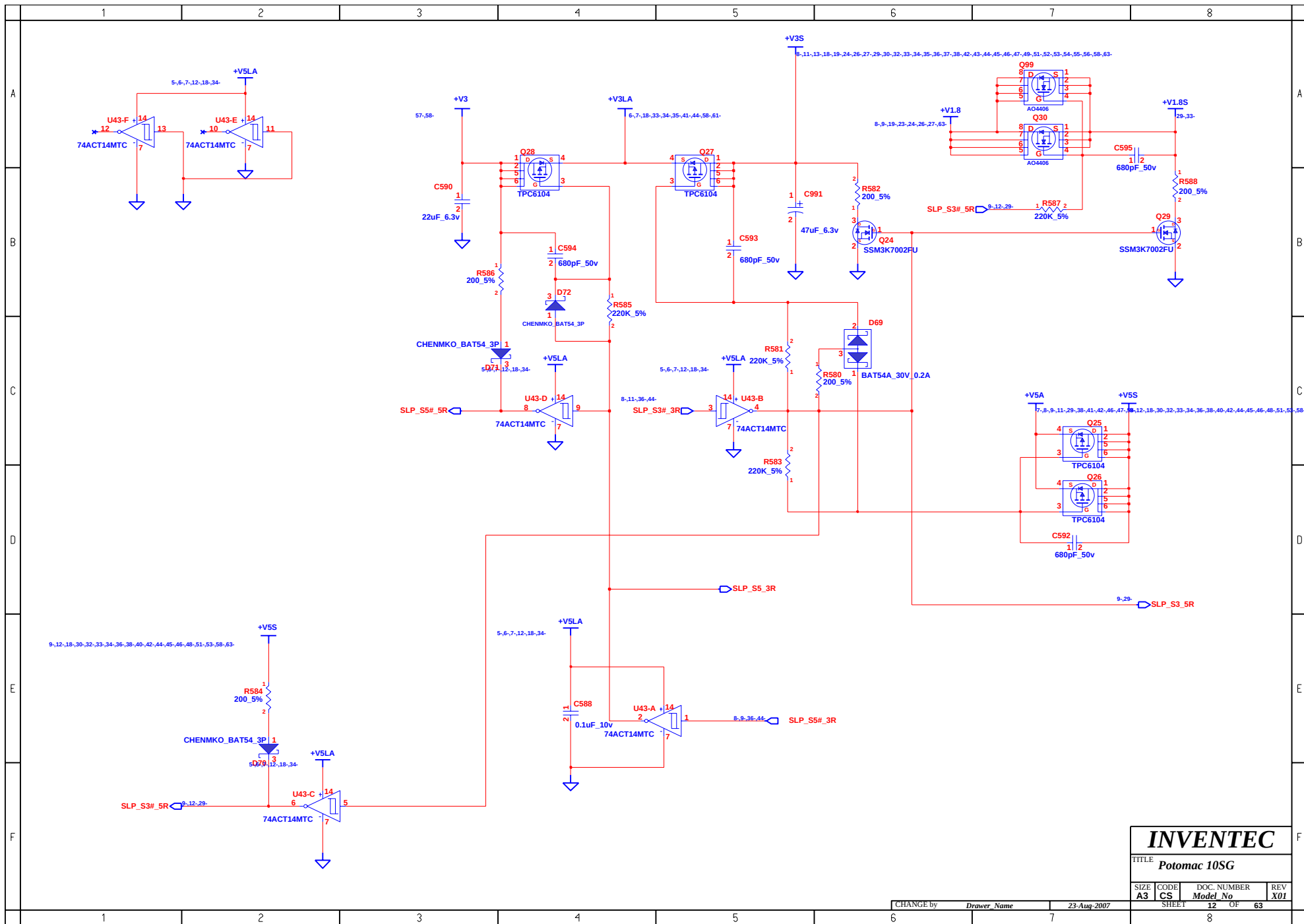
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B									B
C									C
D									D
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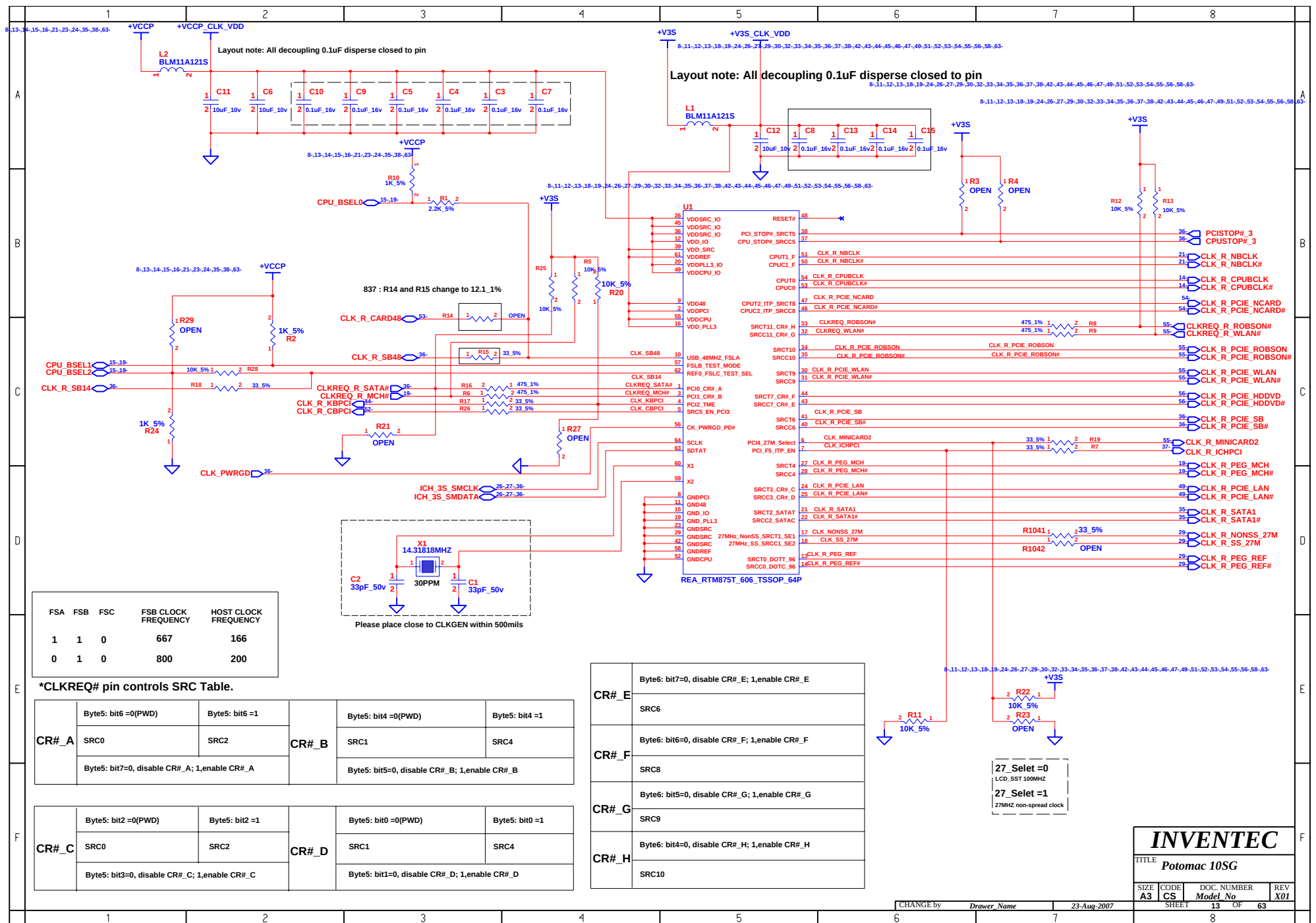
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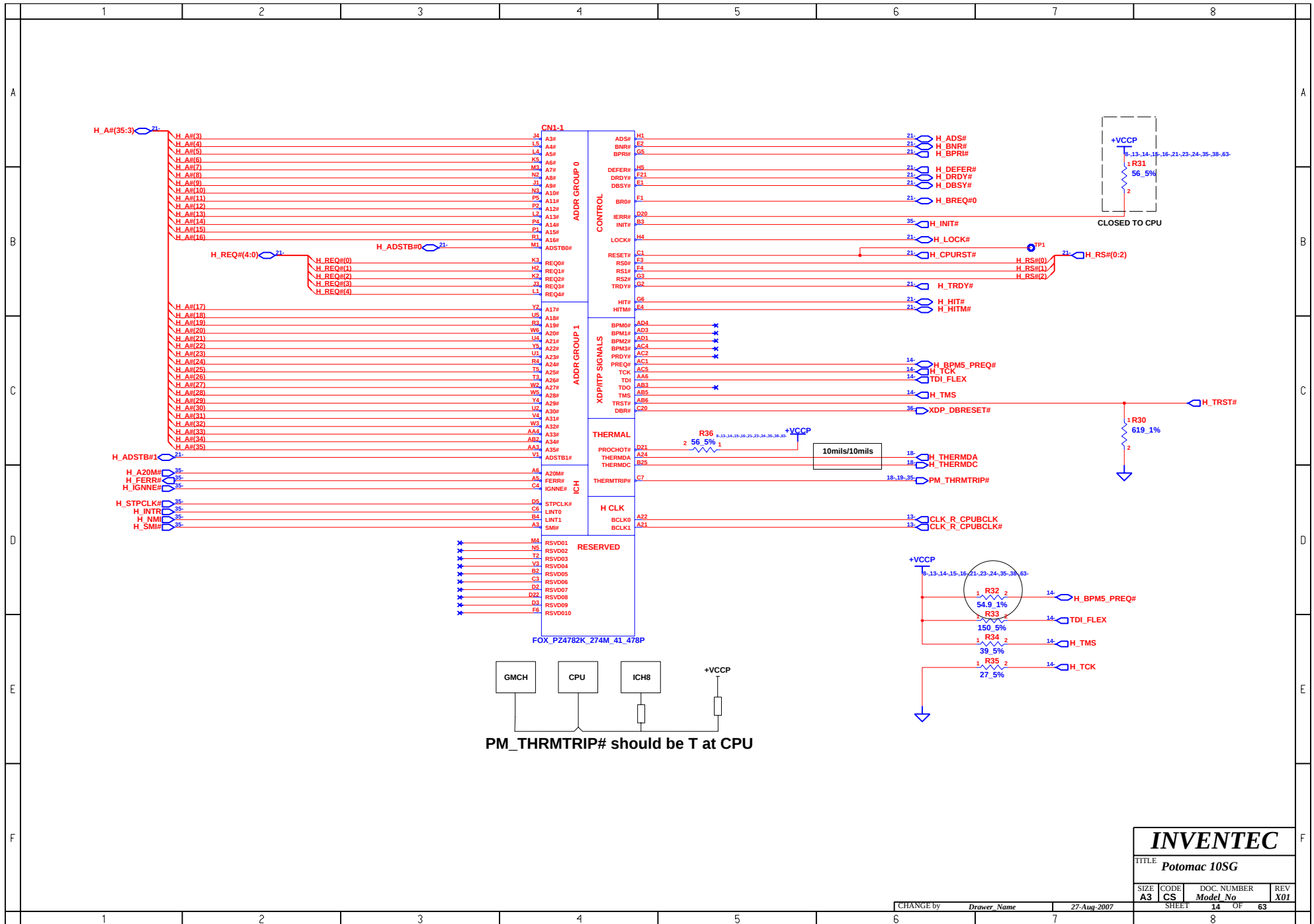
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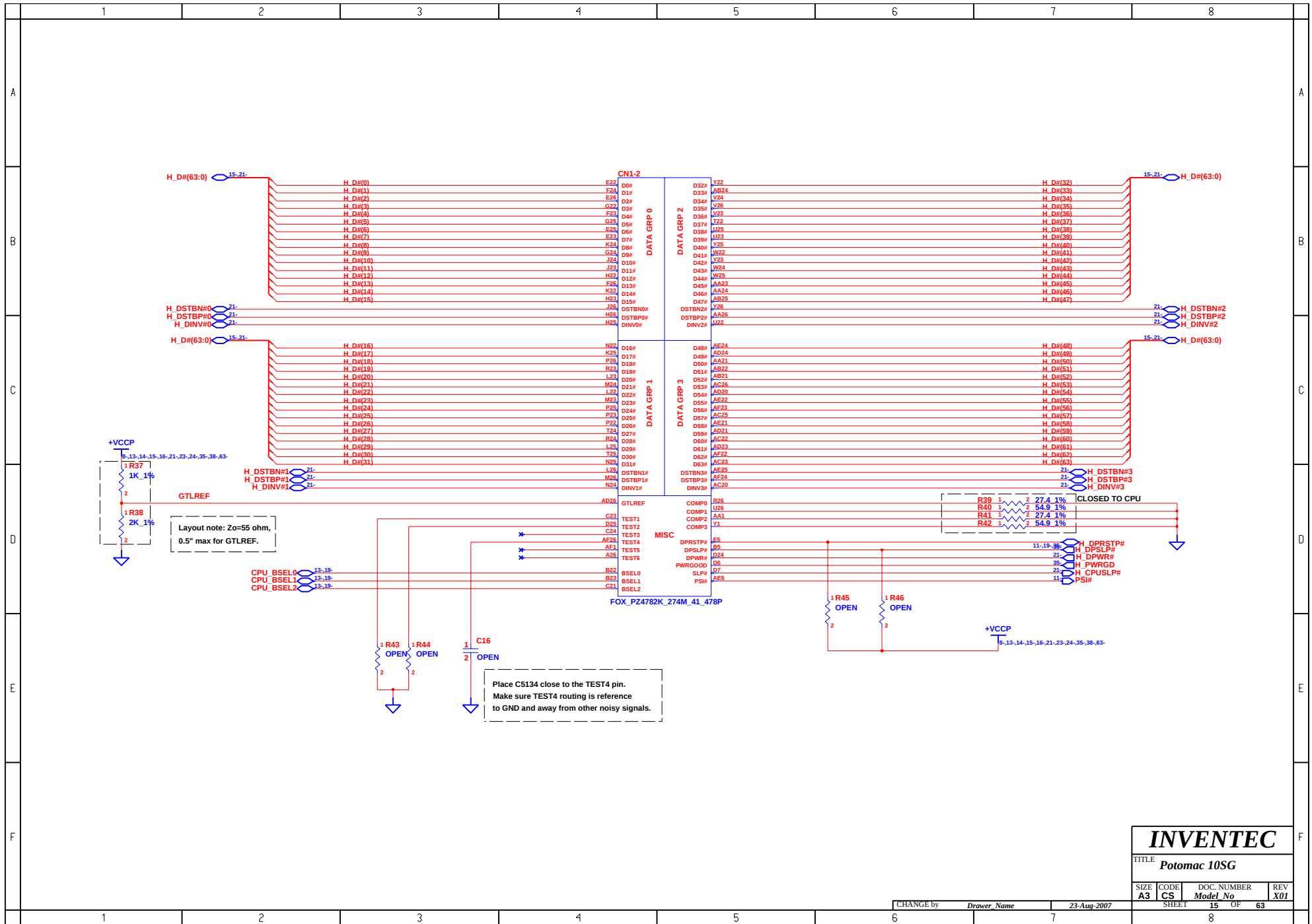
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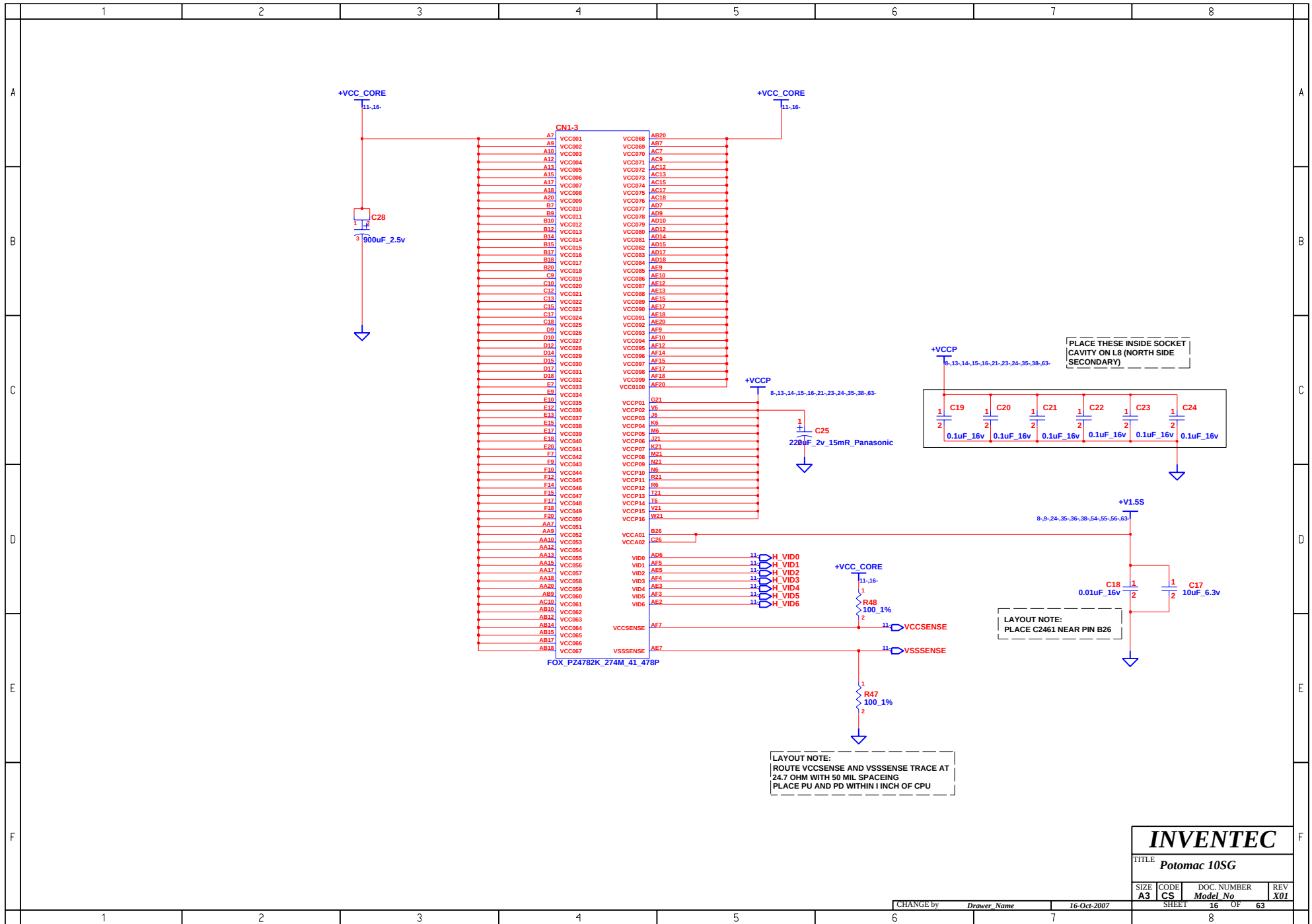


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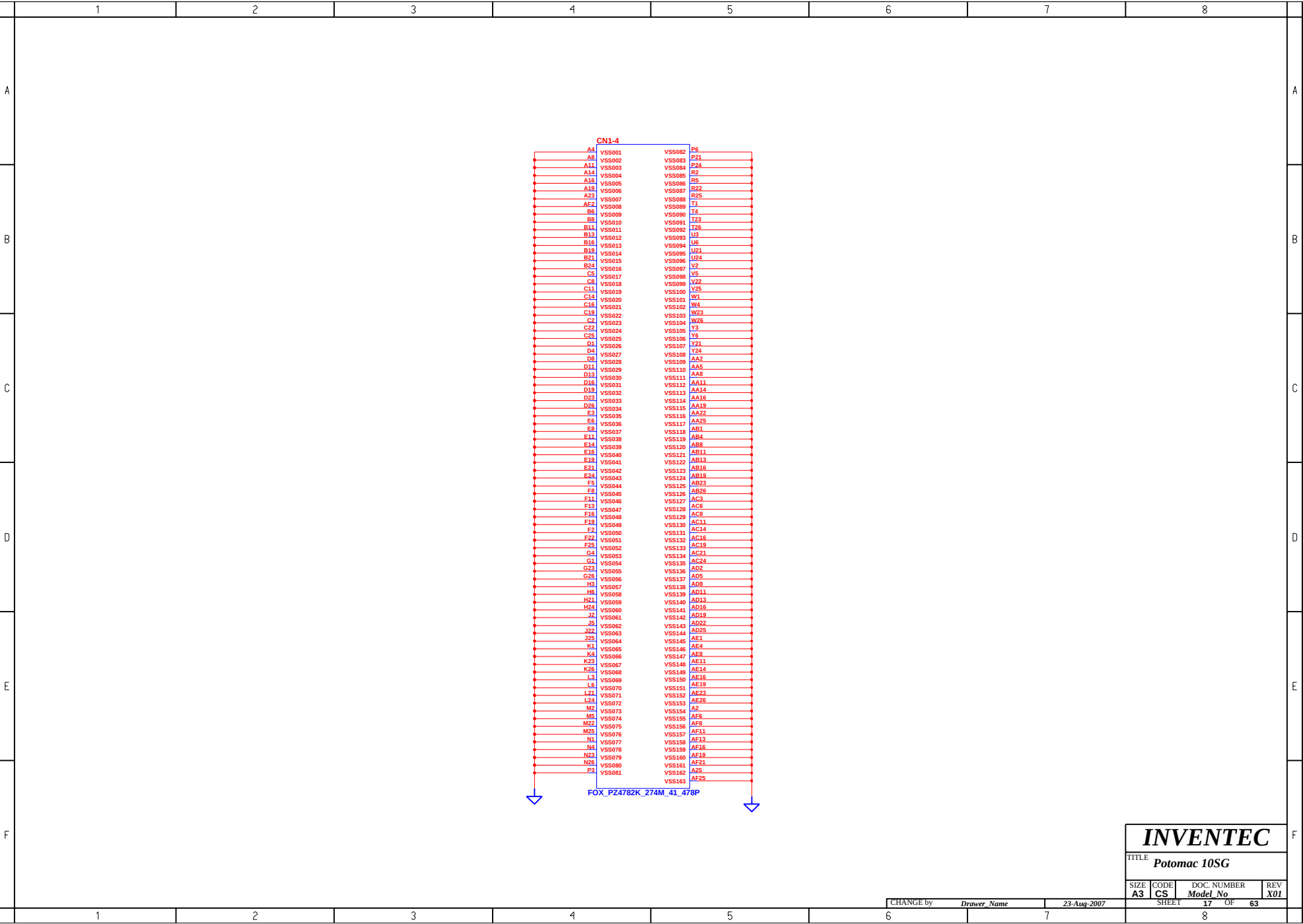
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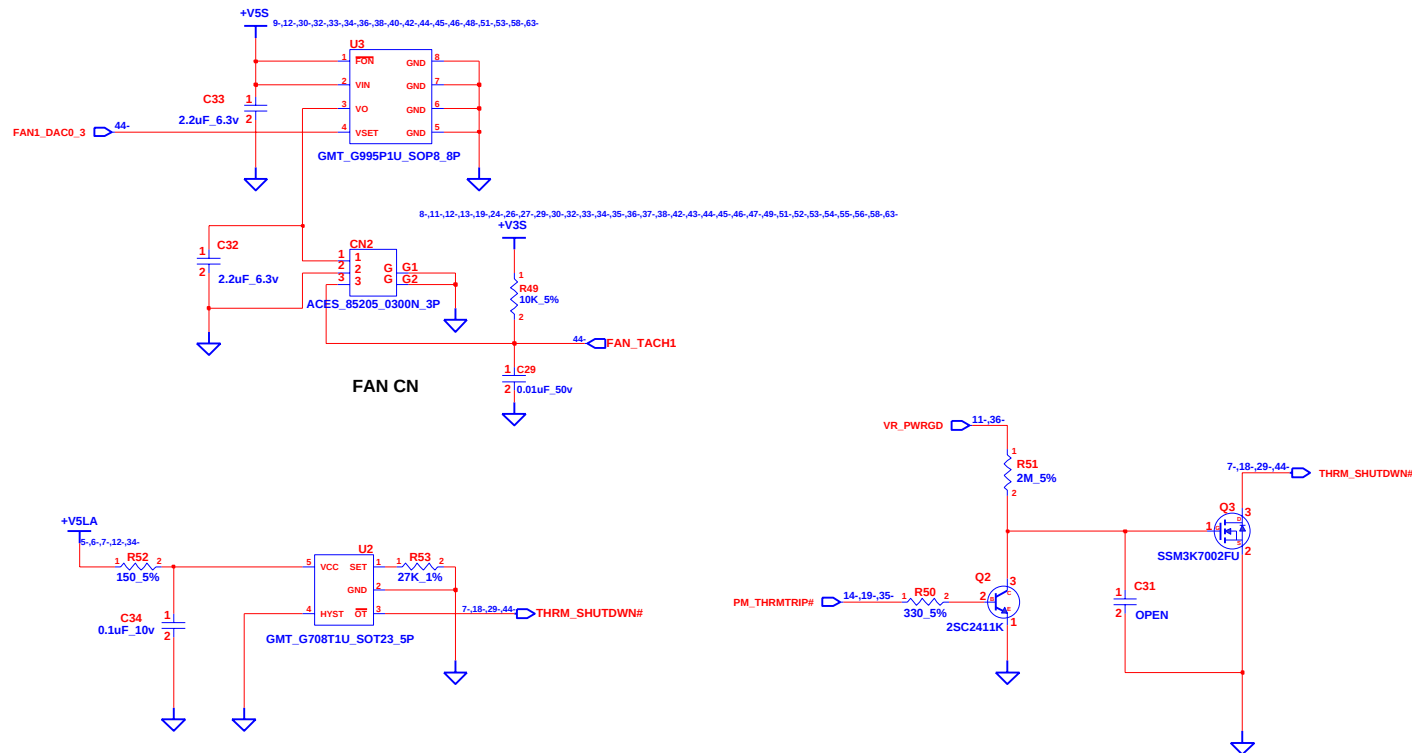
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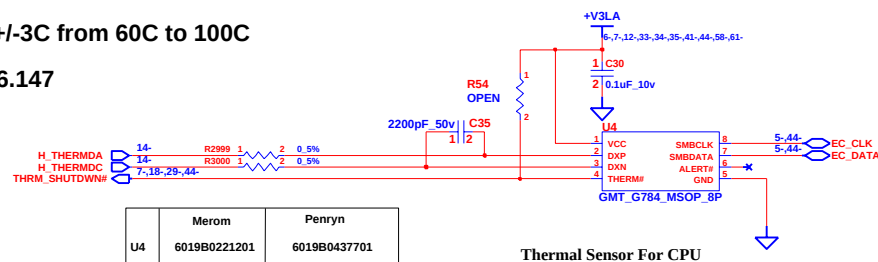
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Thermal shutdown at 83C +/-3C from 60C to 100C

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

Hysteresis is 30C



Thermal Sensor For CPU

	Merom	Penryn
U4	6019B0221201	6019B0437701
C35	6010A0010701	6010071012AT
	2200pF_50v	100pF_50v

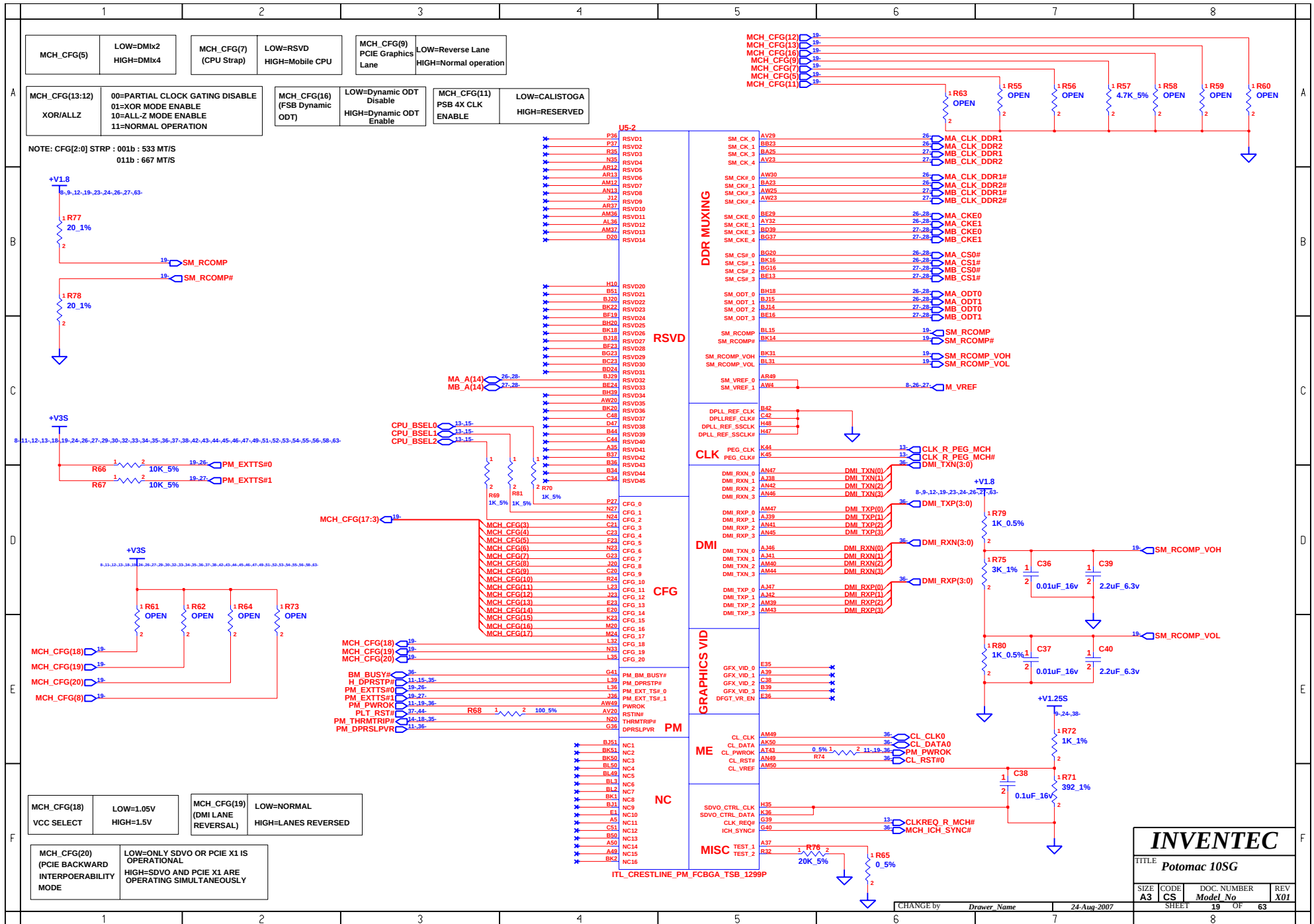
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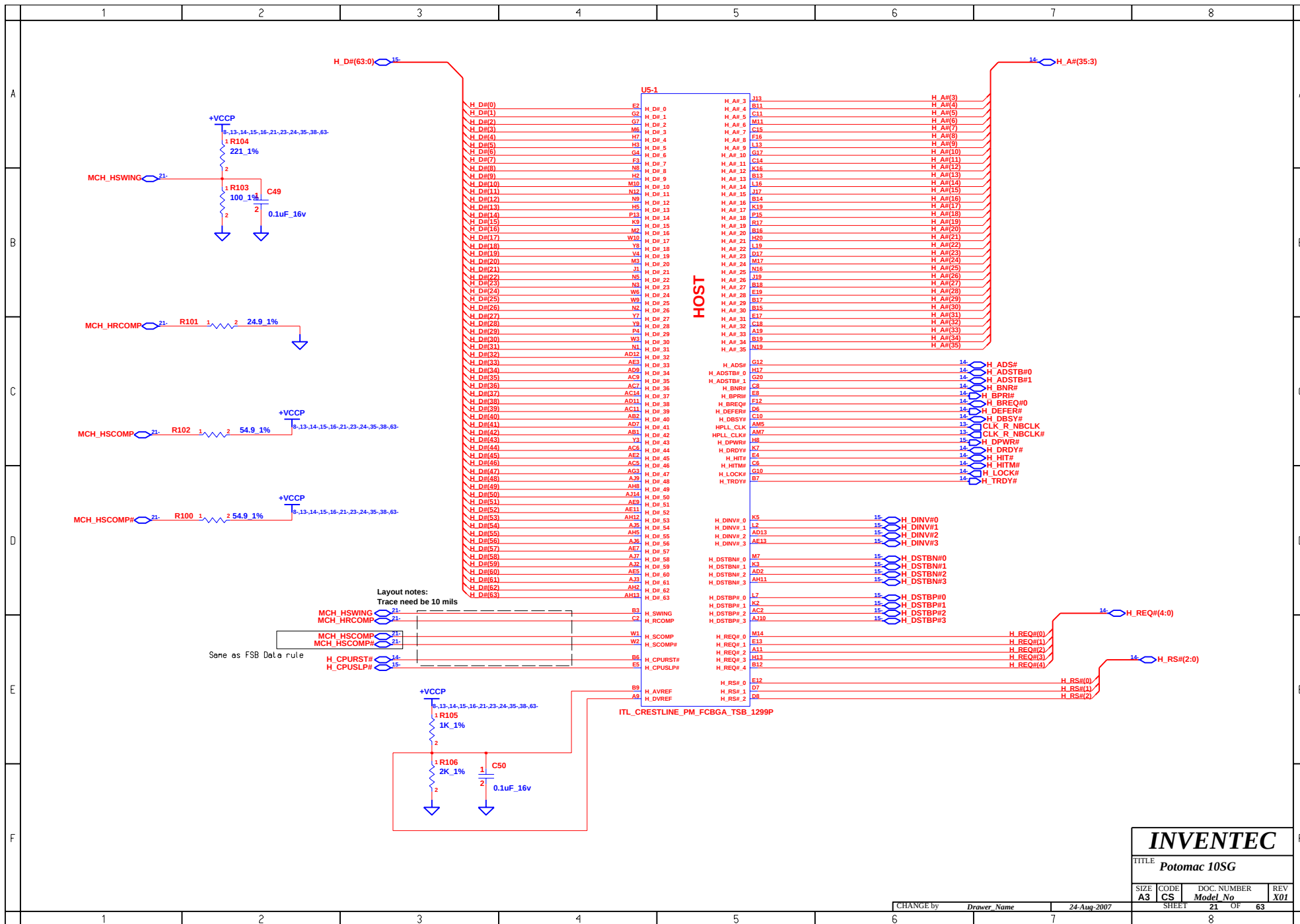
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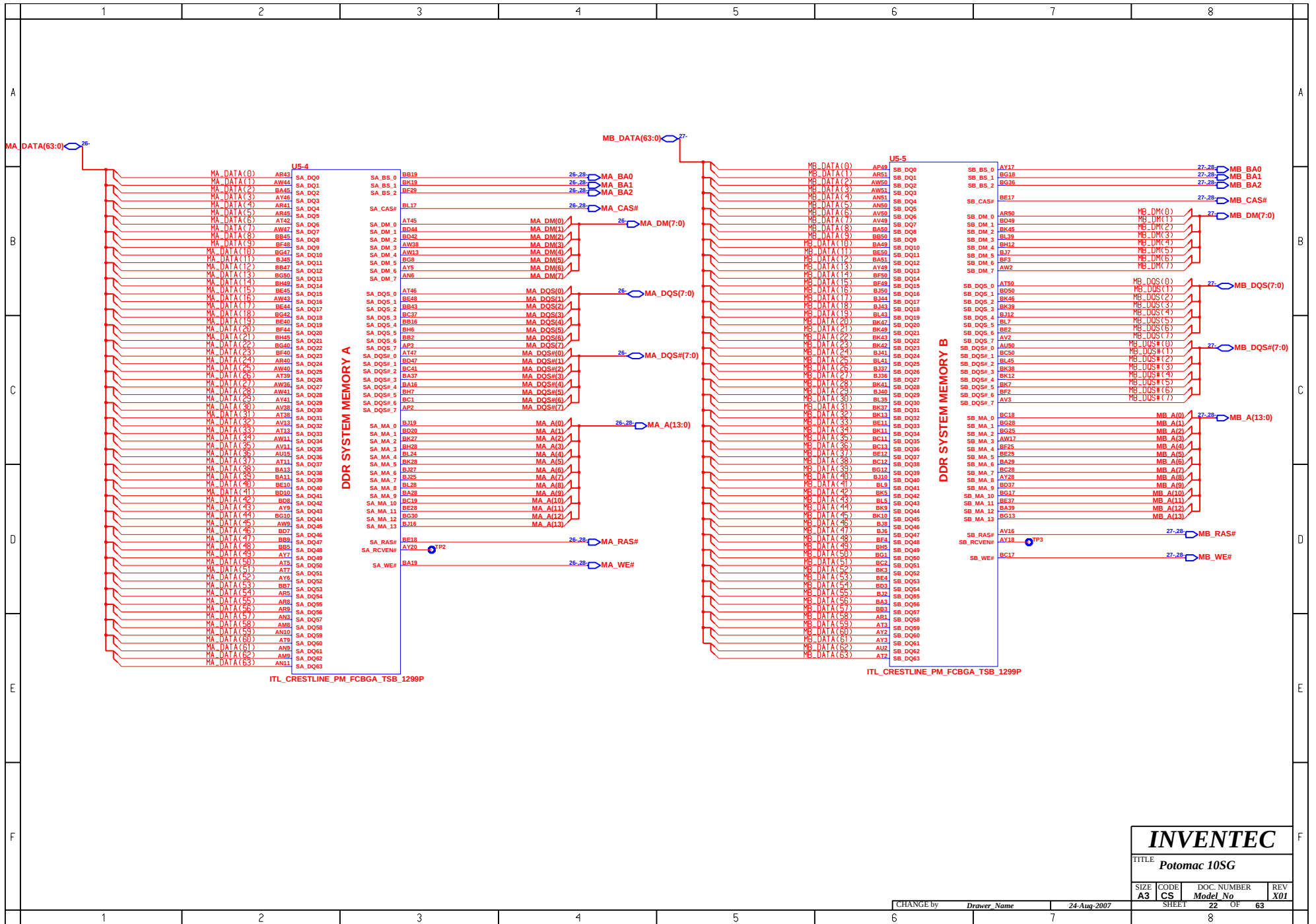
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TITLE
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A3	CS	Model No	X01

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TITLE
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SIZE CODE DOC. NUMBER REV
A3 CS Model No X01

CHANGE by Drafter Name 24-Aug-2007

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2

3

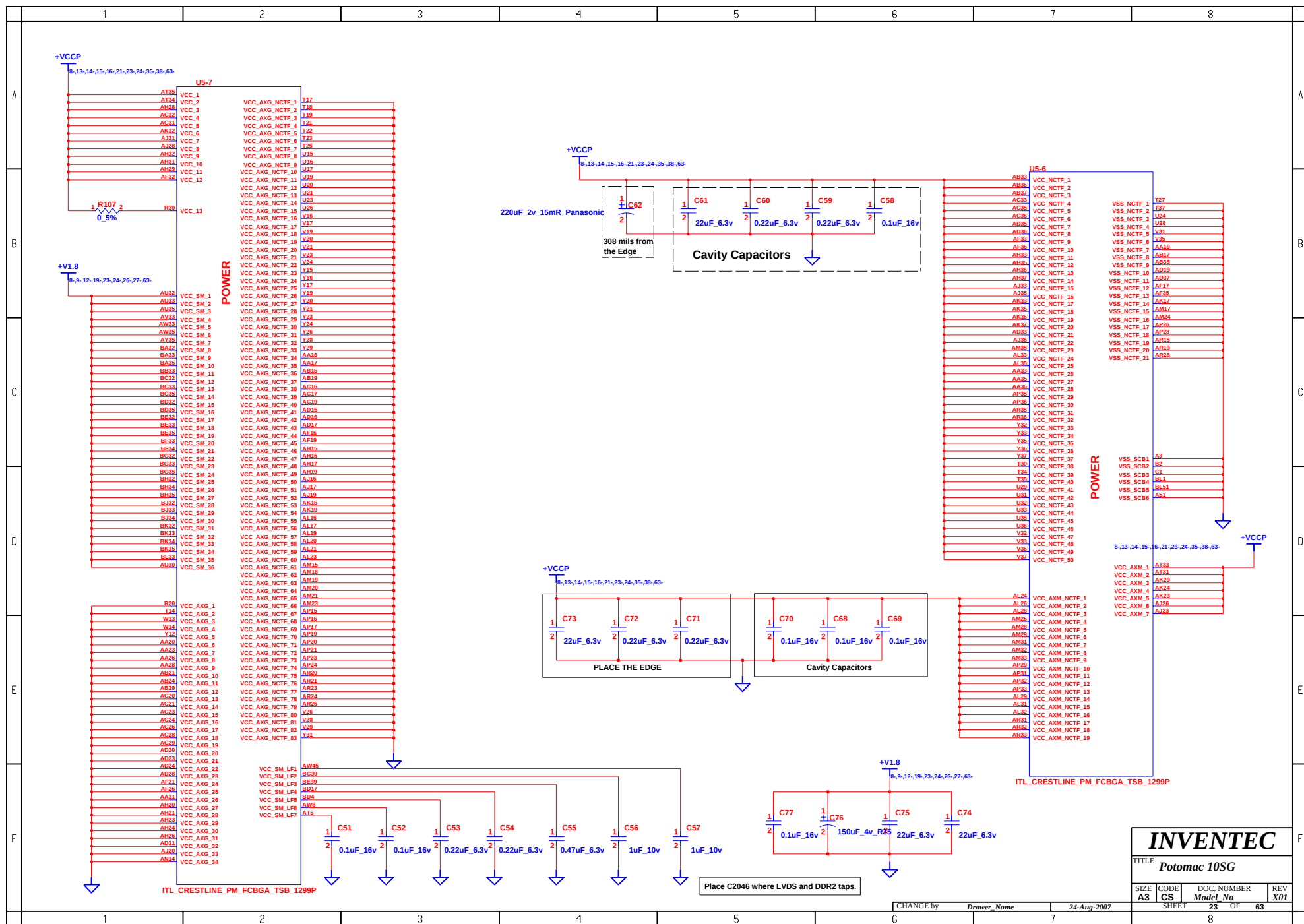
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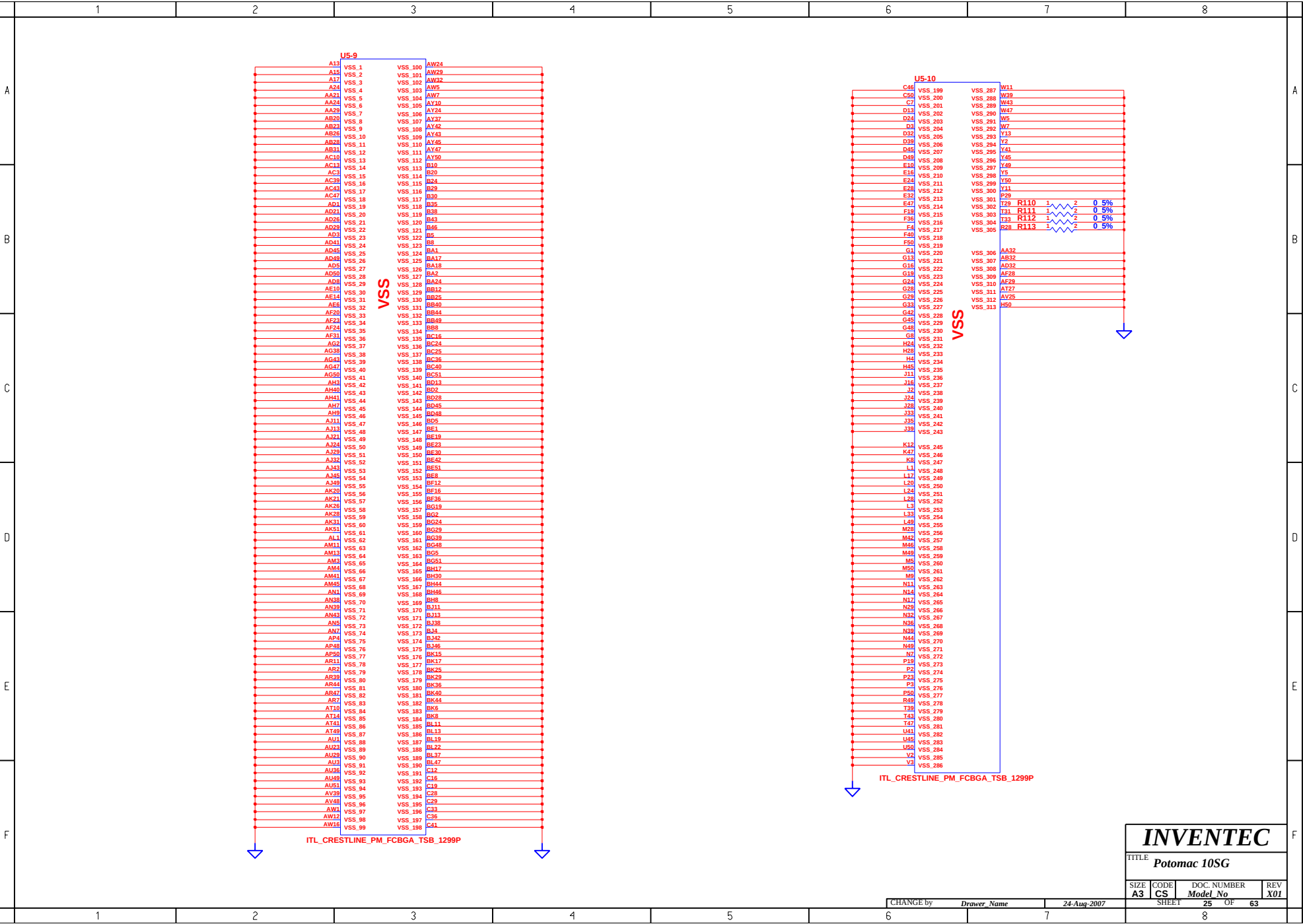
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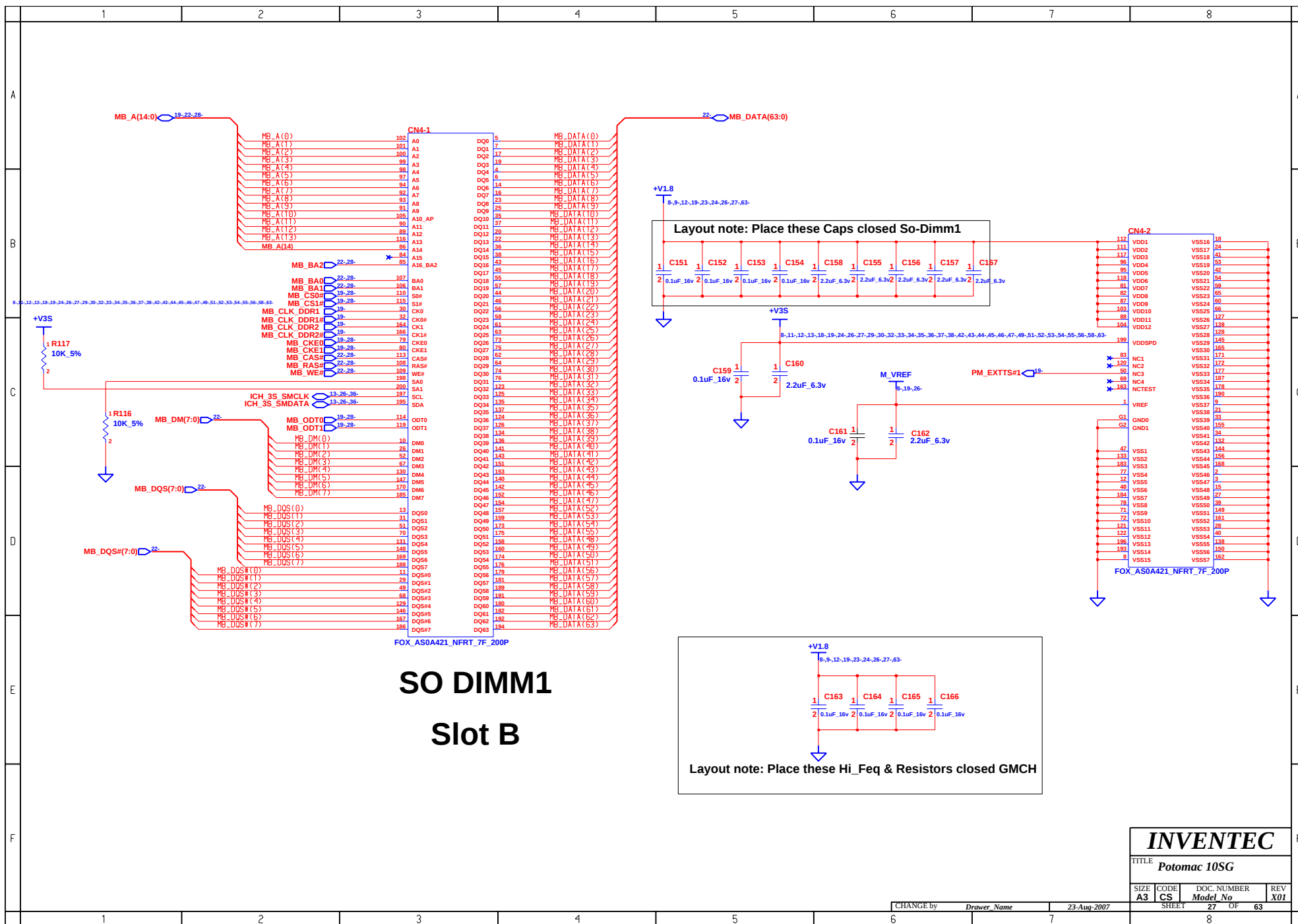
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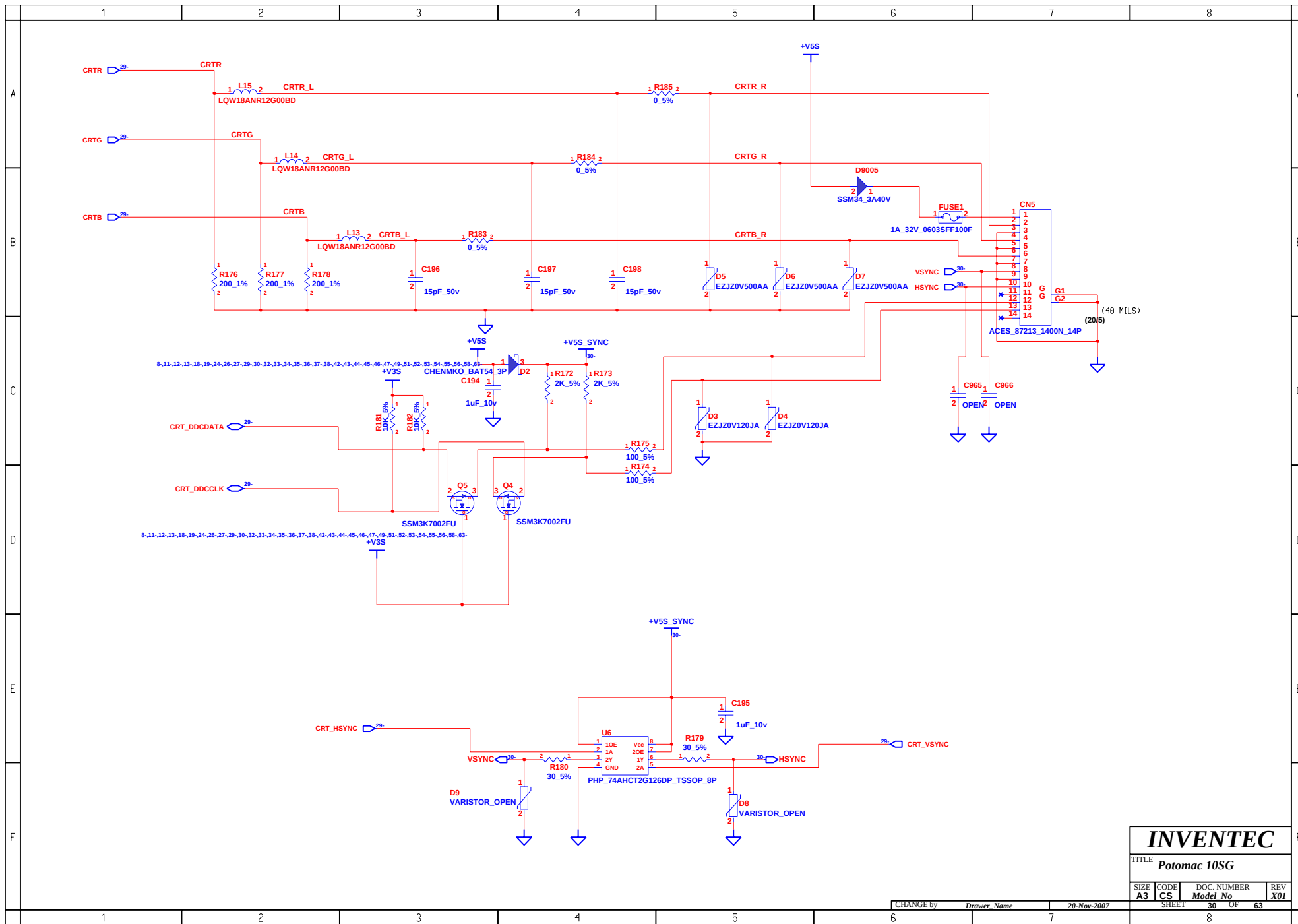
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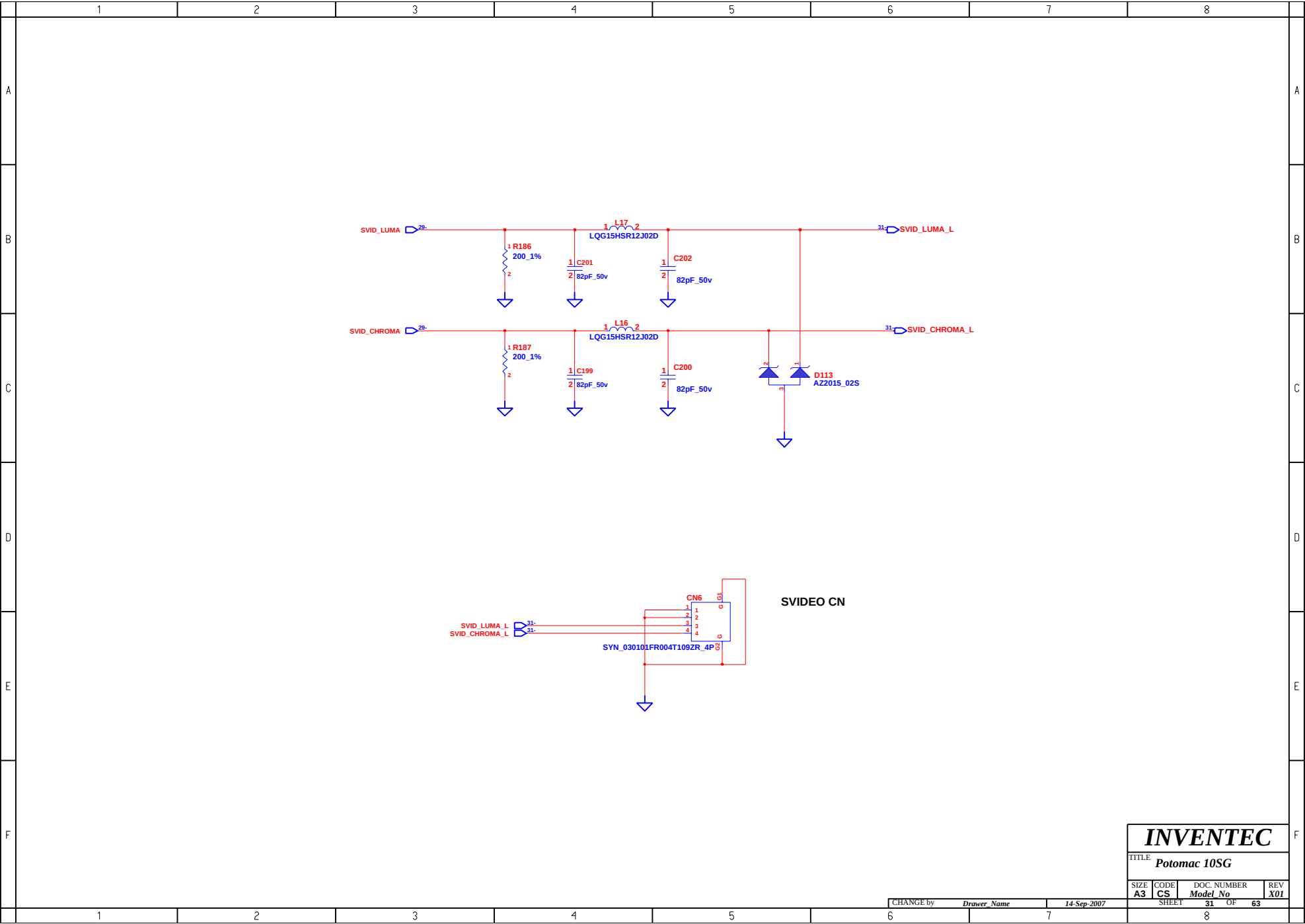
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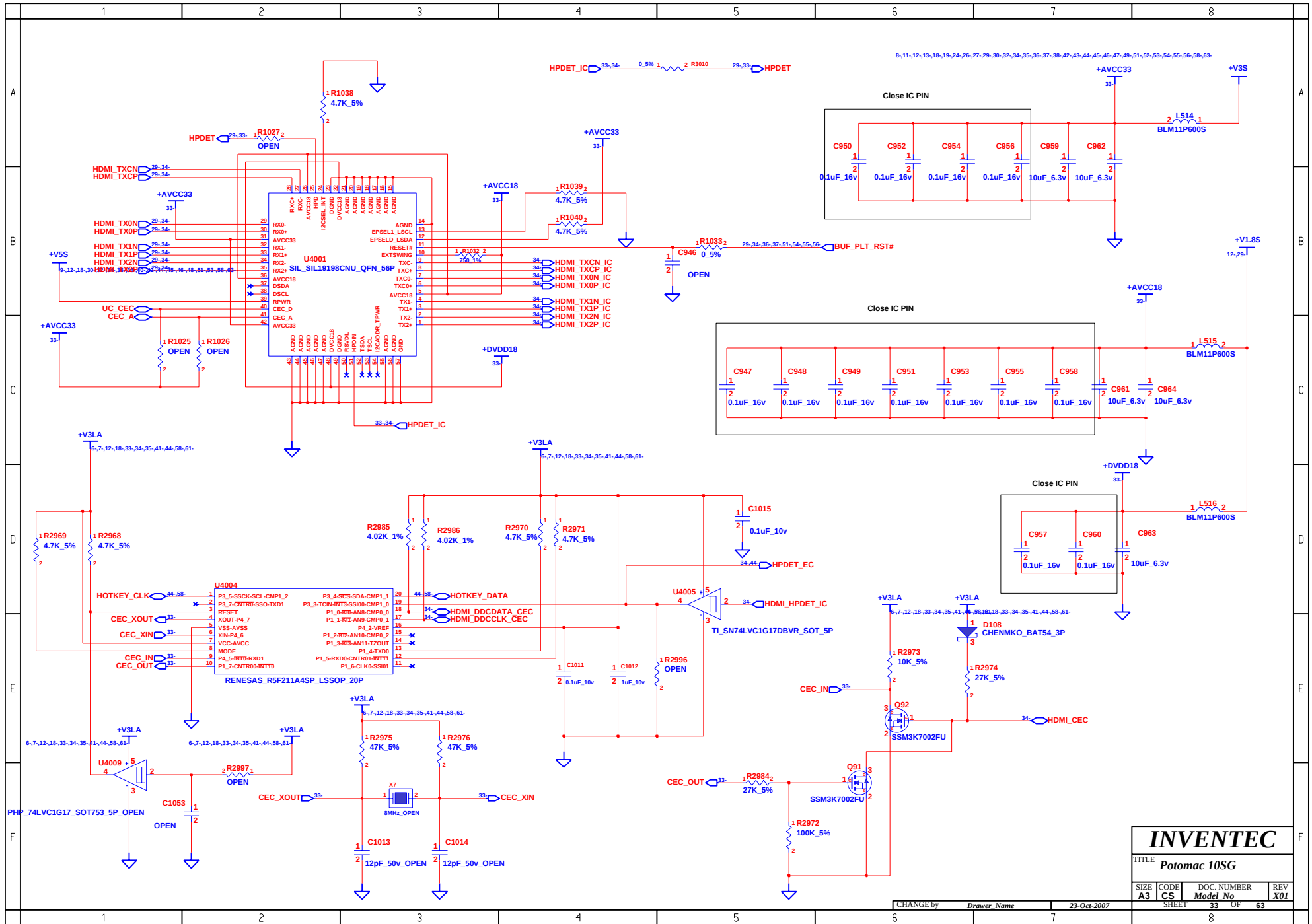
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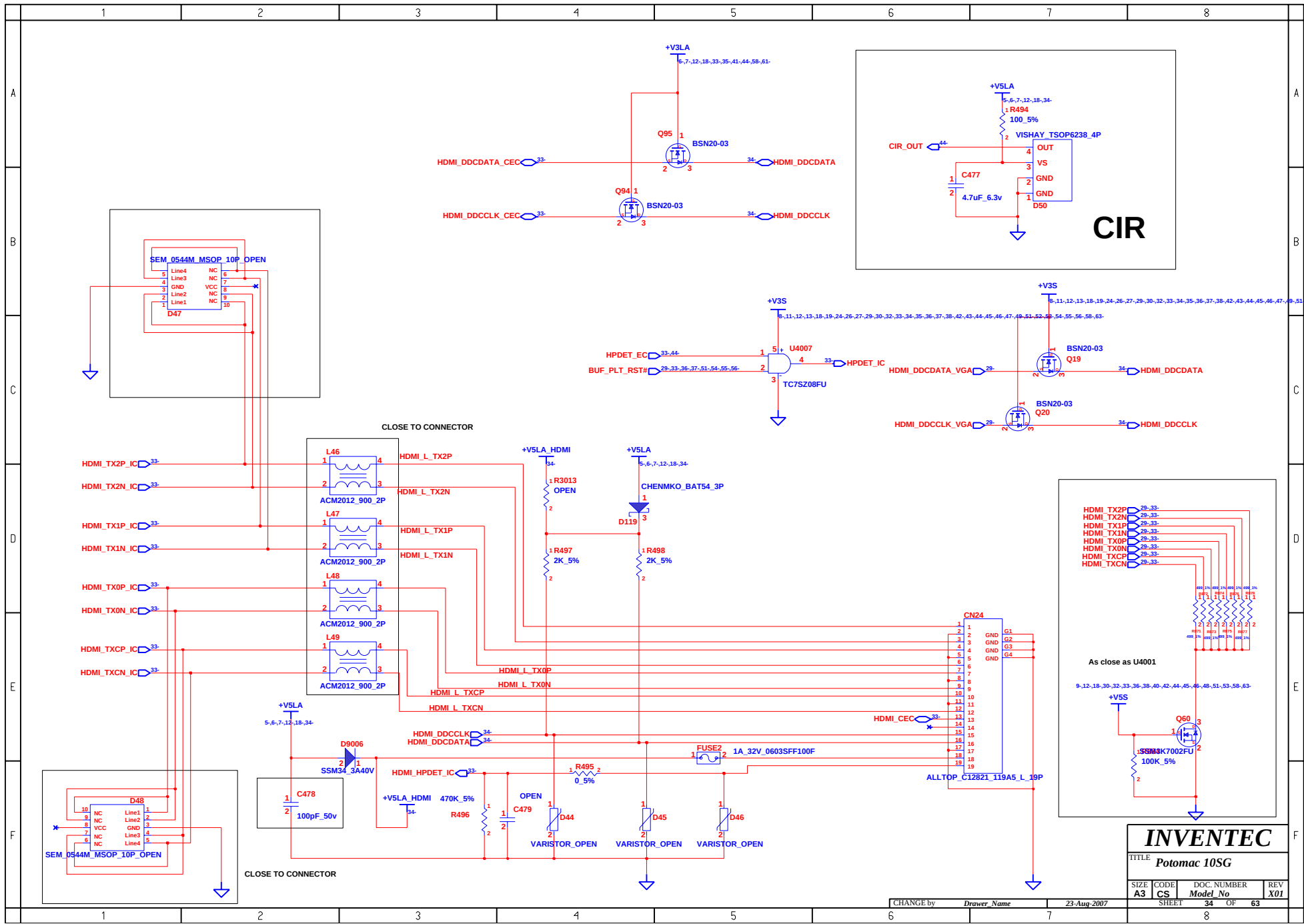
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TITLE
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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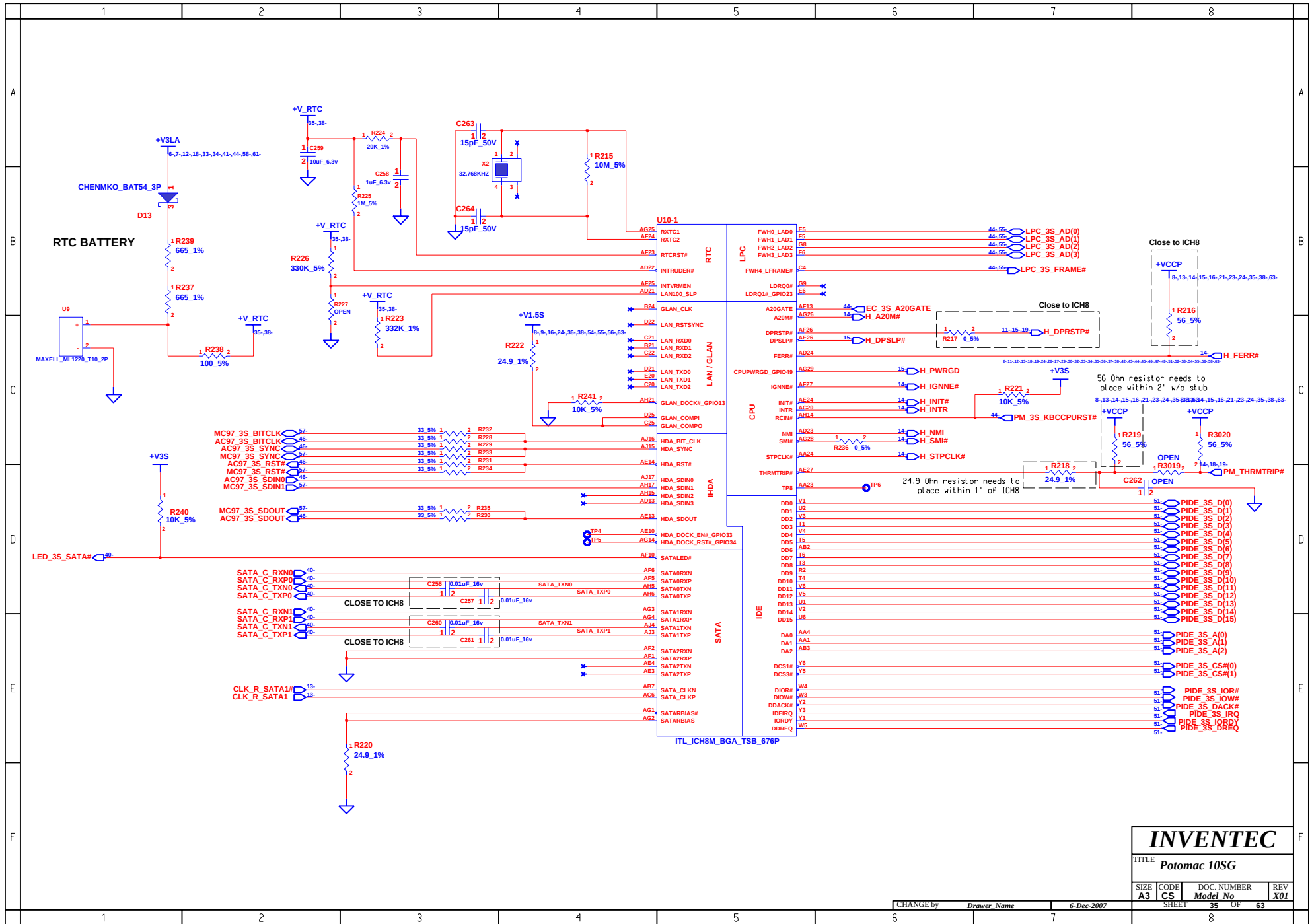


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SIZE	CODE	DOC. NUMBER	REV
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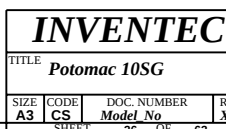
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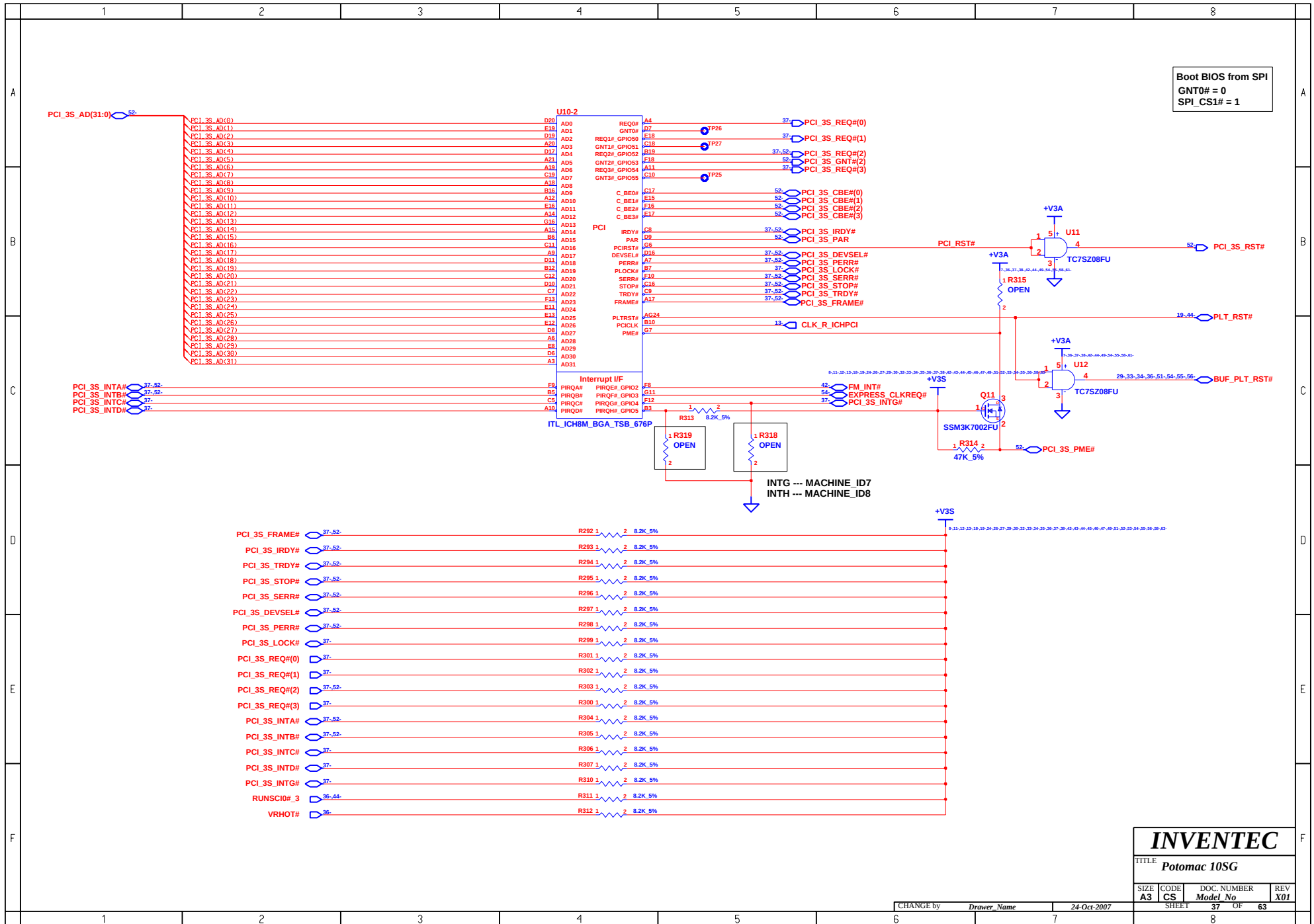
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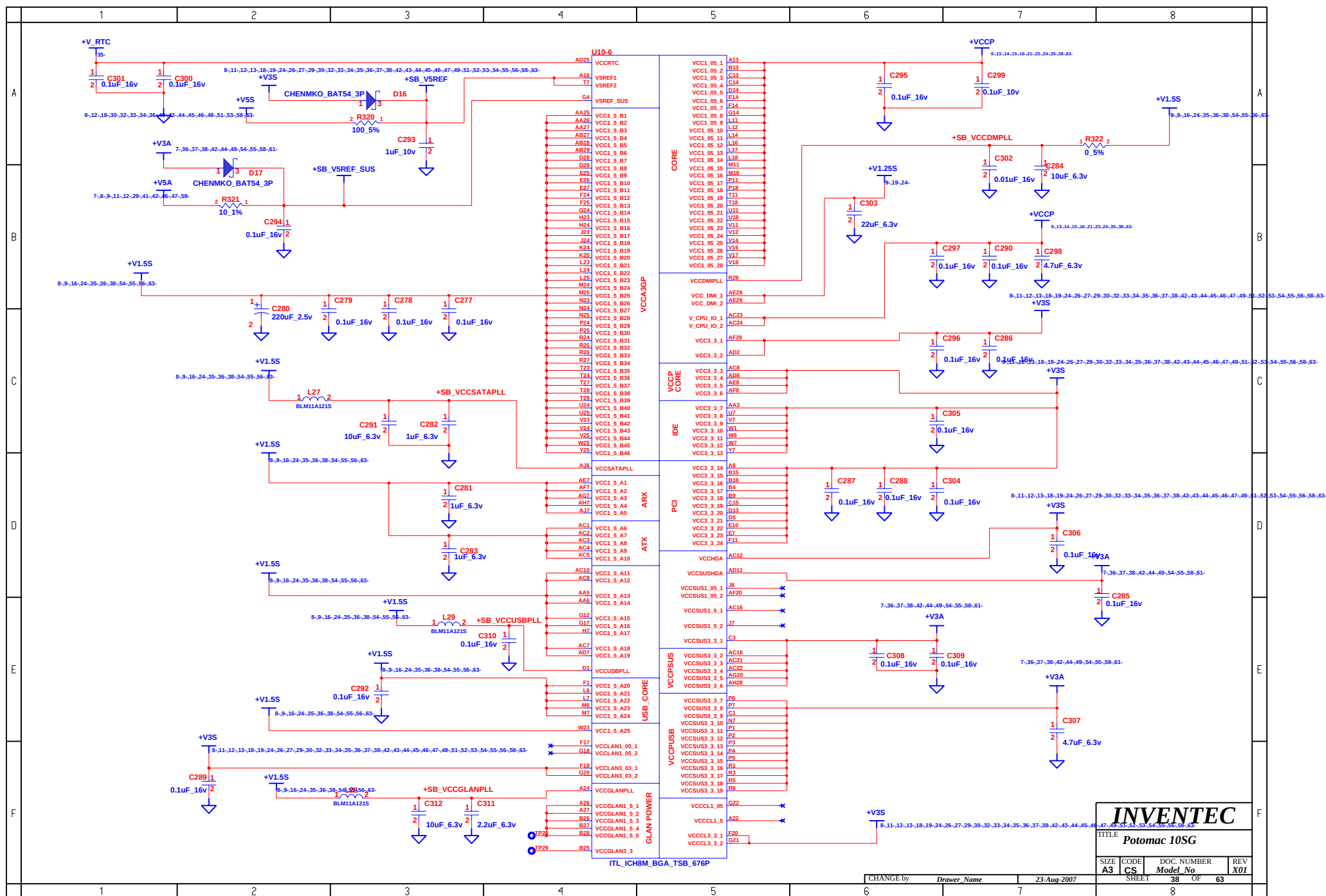
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A3	CS	Model No	X01

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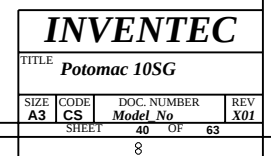


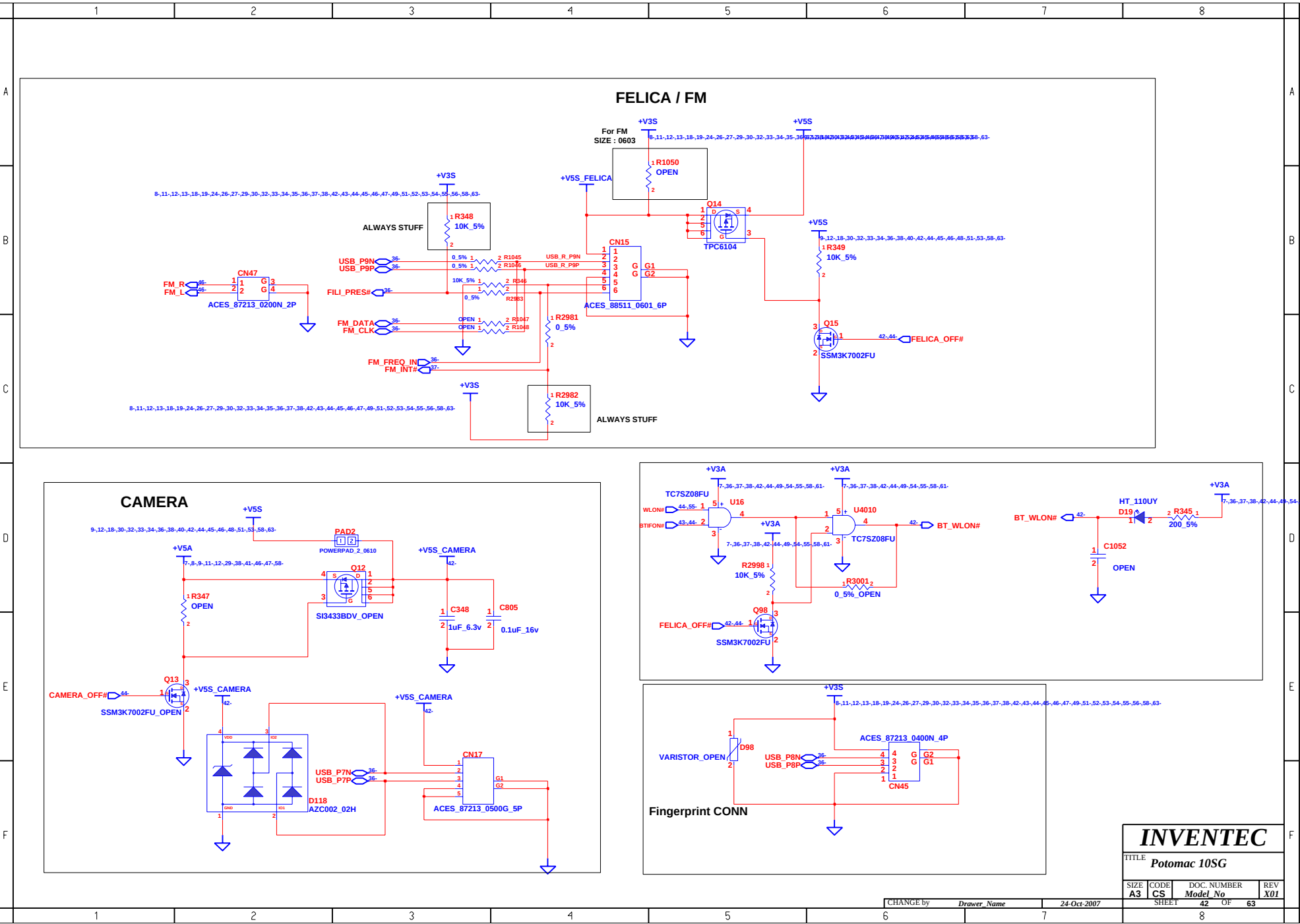


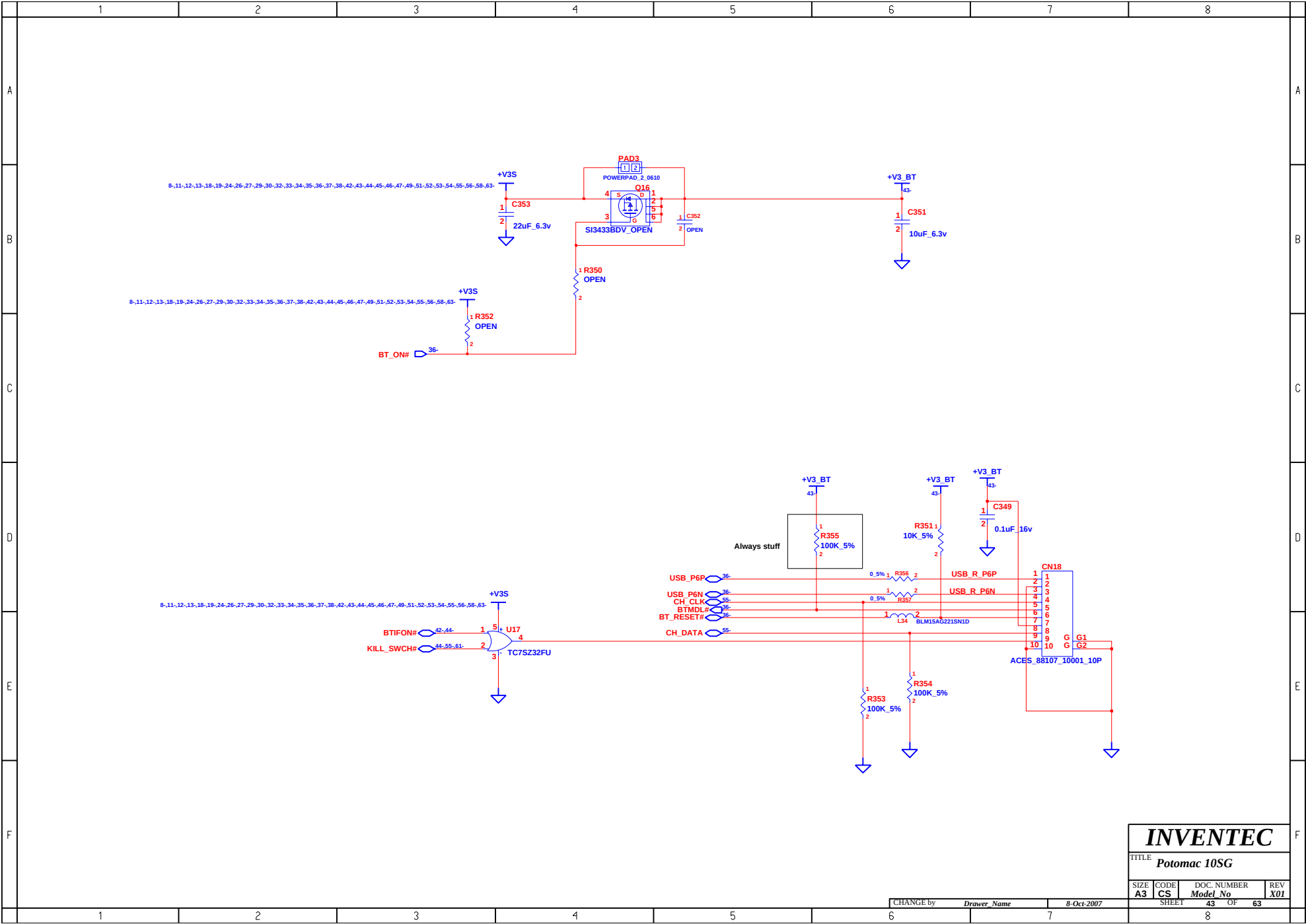


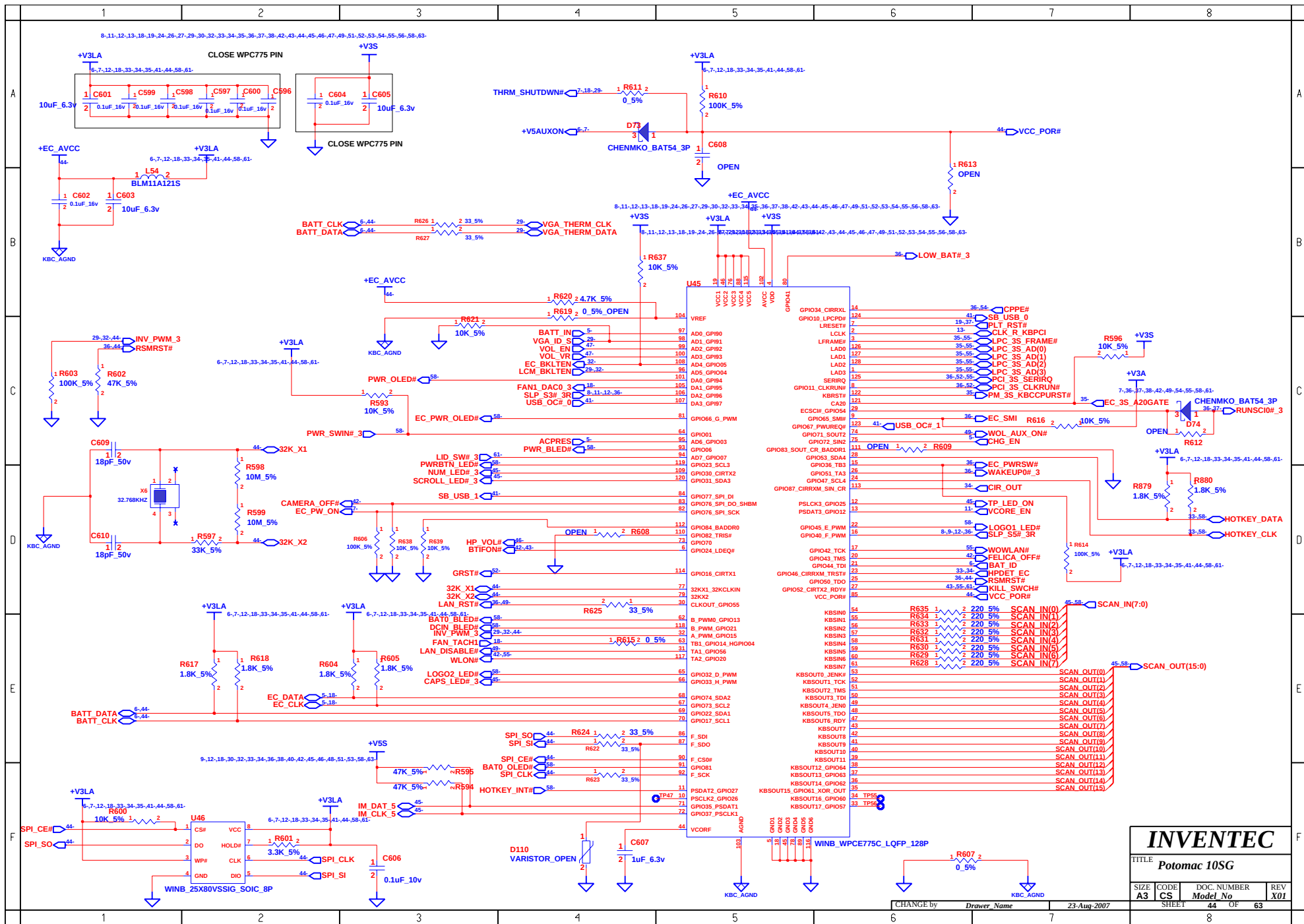
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A								
B								
C								
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INVENTEC			
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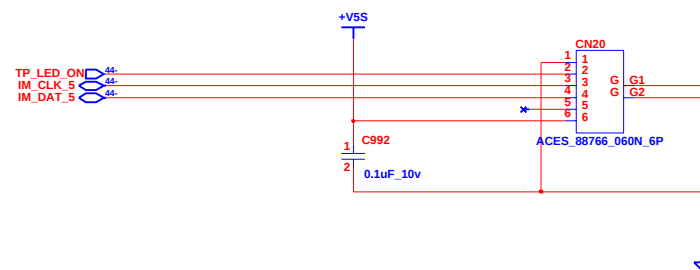
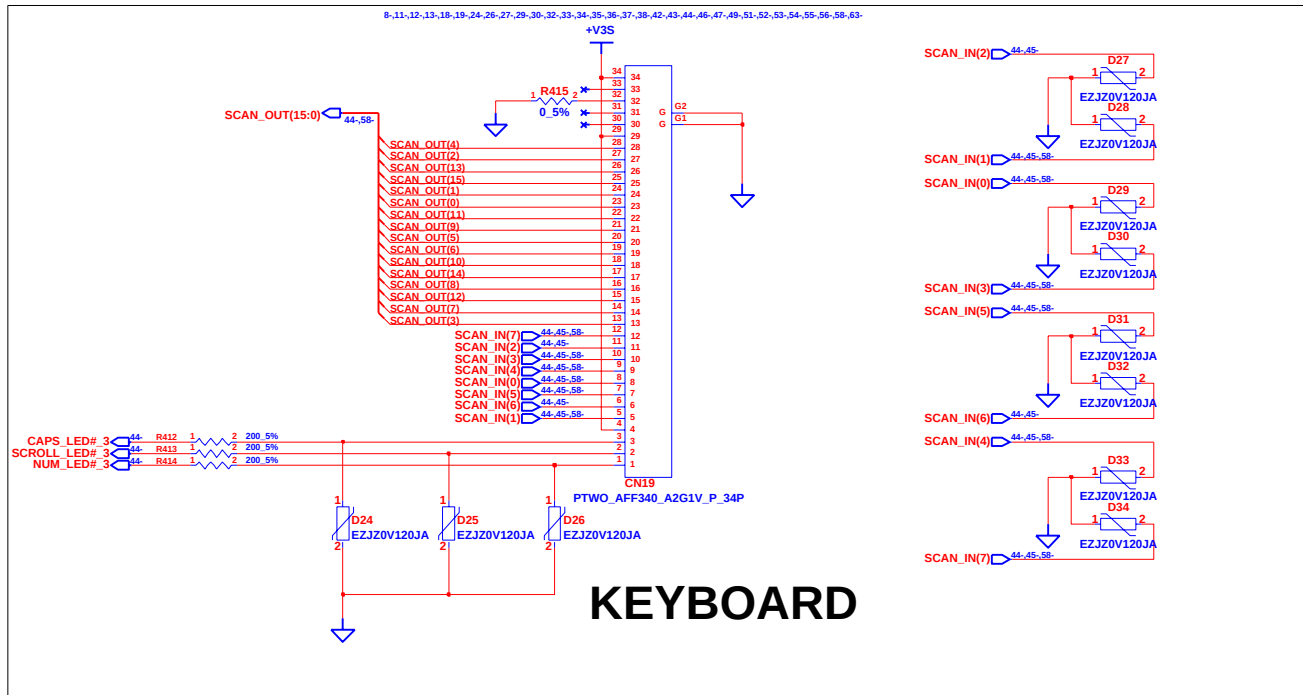




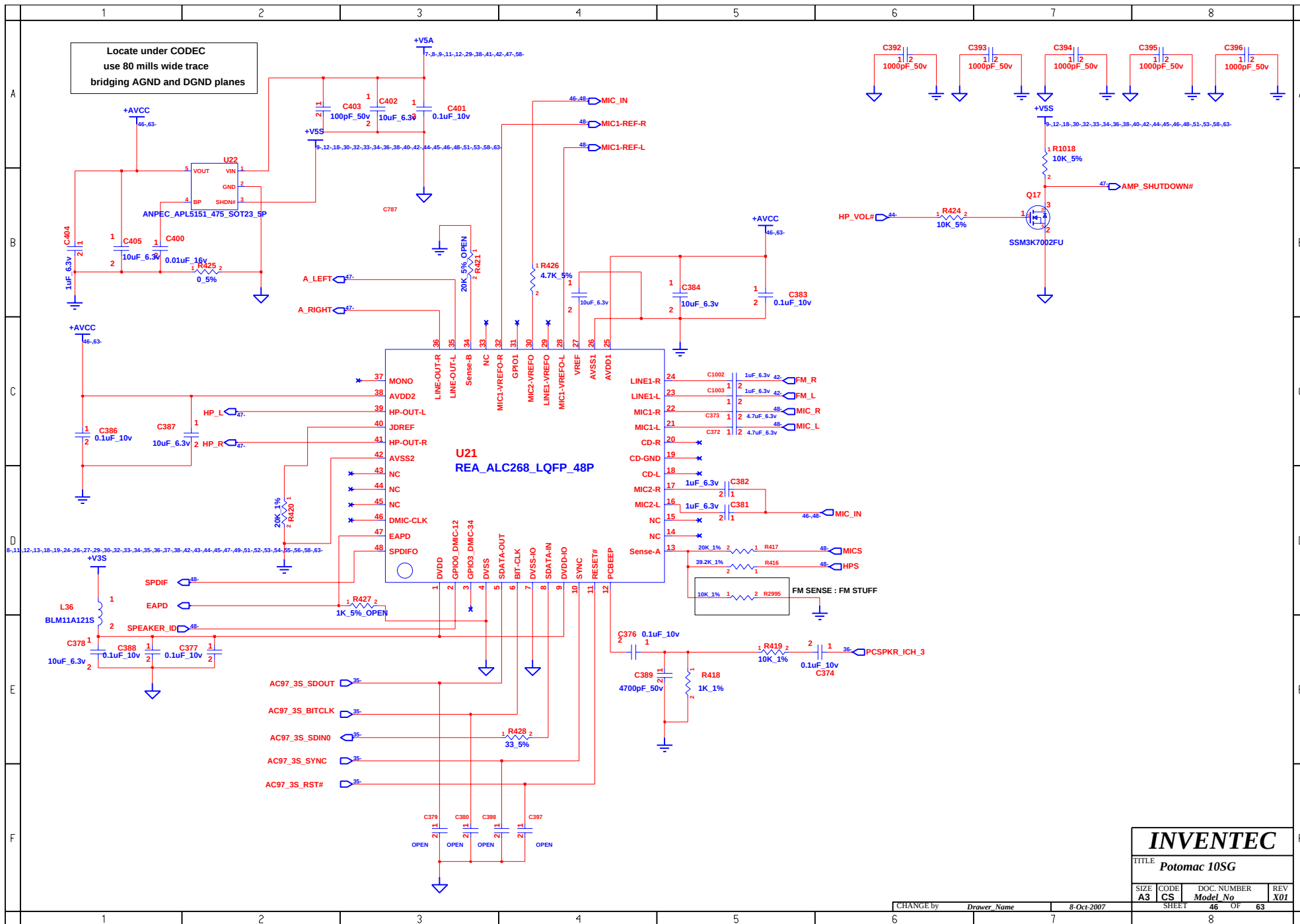




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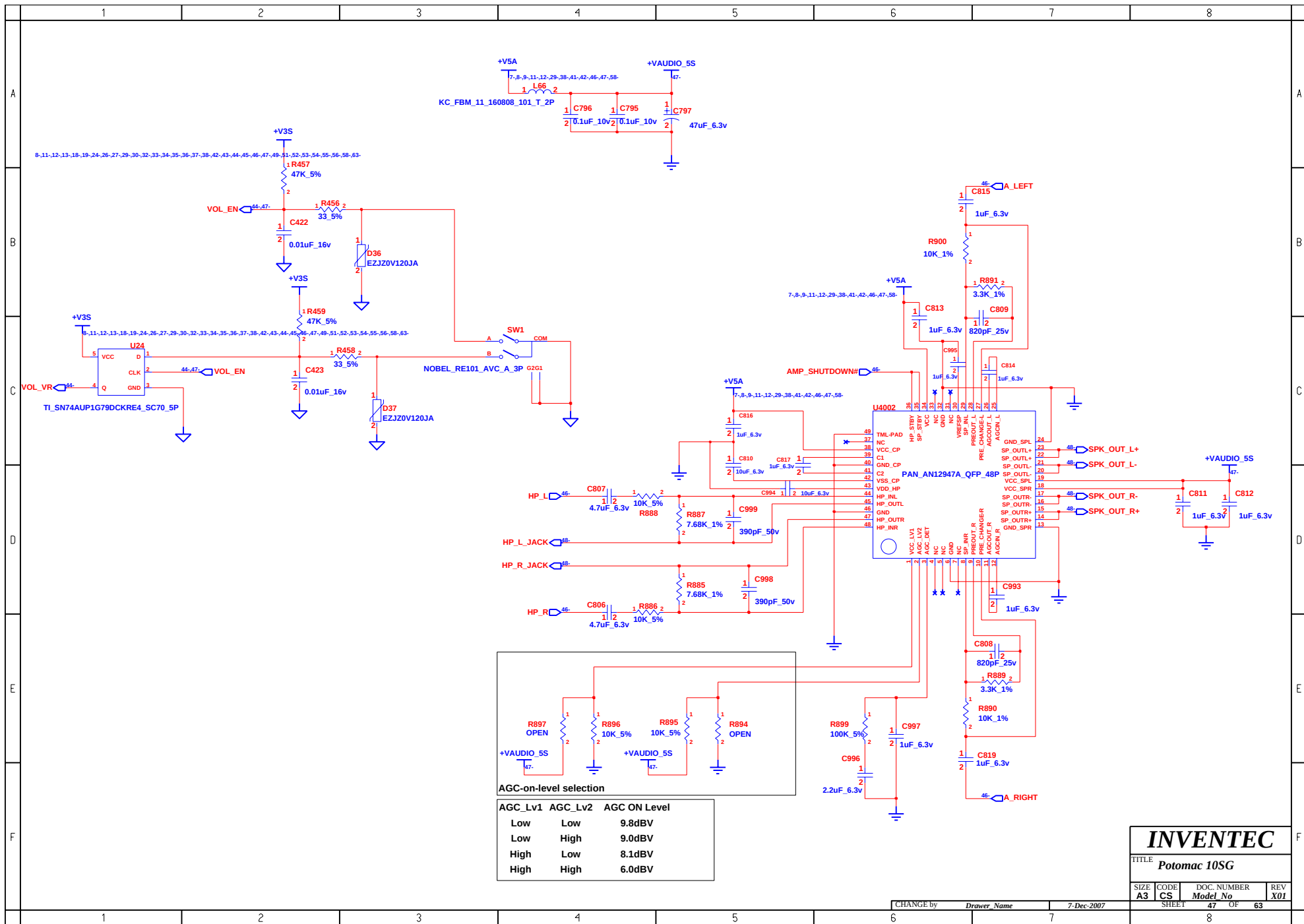
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SIZE CODE DOC. NUMBER REV
A3 CS Model No X01

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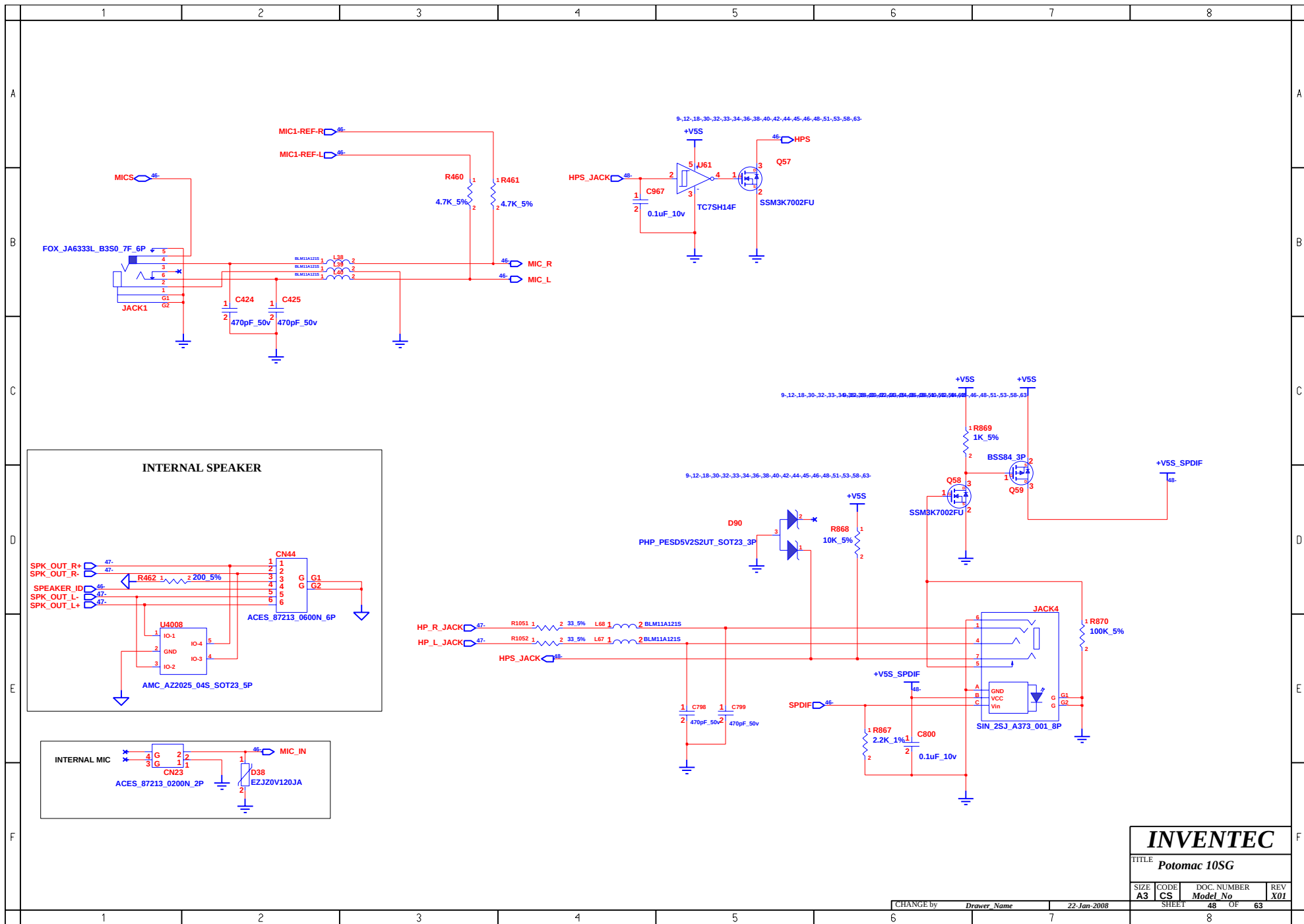
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A3	CS	Model No	X01

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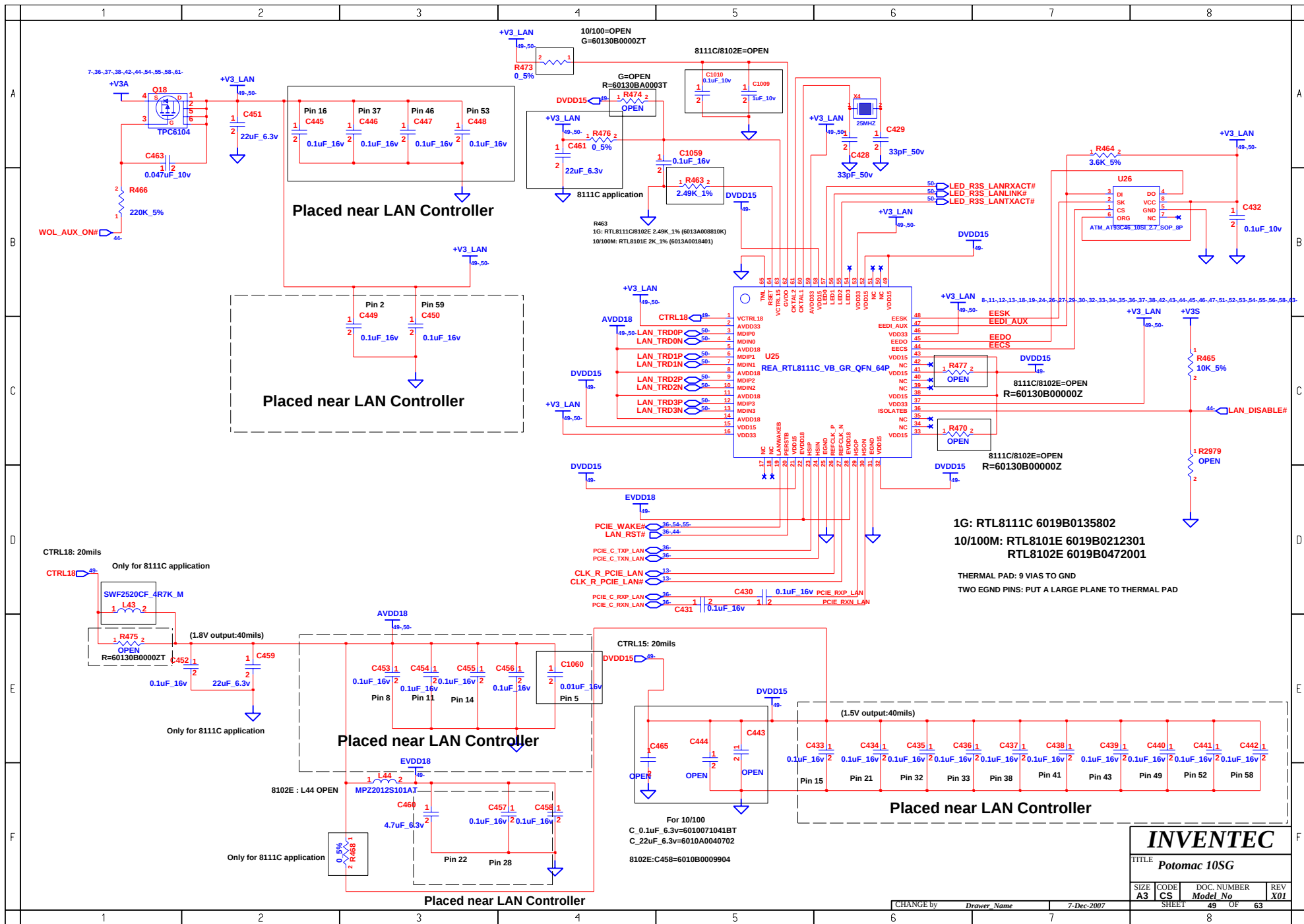
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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1G: RTL8111C 6019B0135802
10/100M: RTL8101E 6019B0212301
RTL8102E 6019B0472001

THERMAL PAD: 9 VIAS TO GND
TWO EGND PINS: PUT A LARGE PLANE TO THERMAL PAD

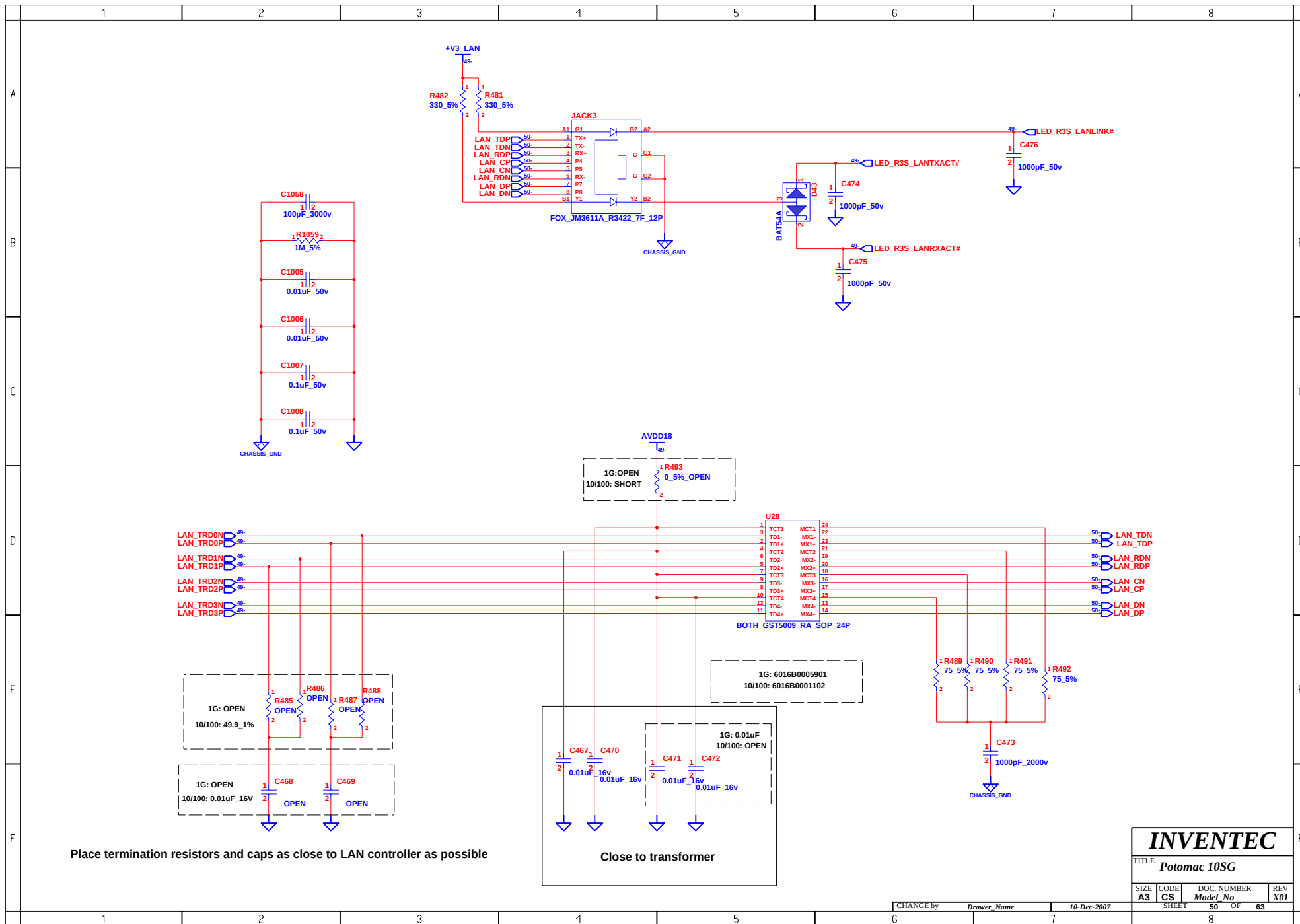
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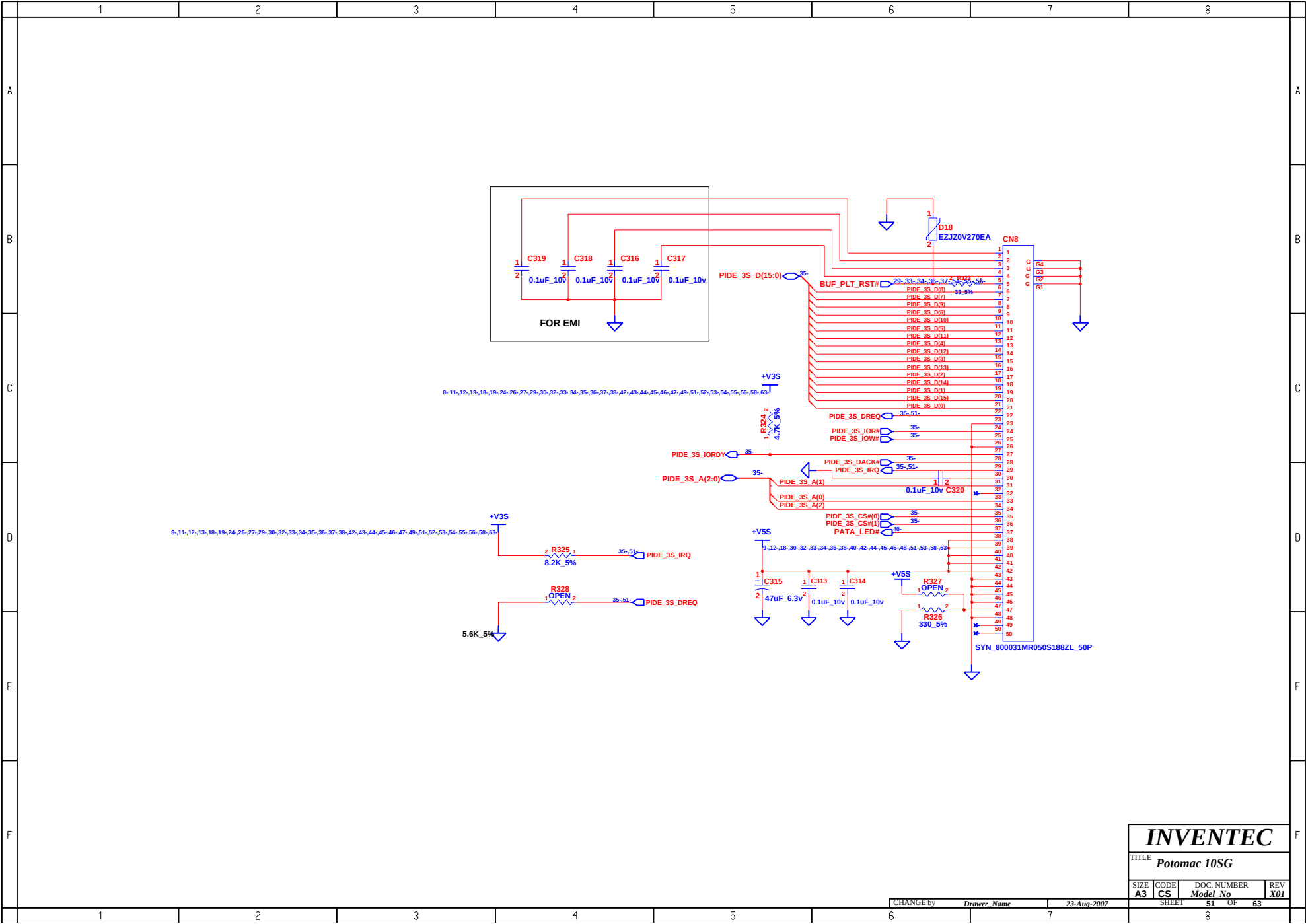
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Drawn Name* 7-Dec-2007



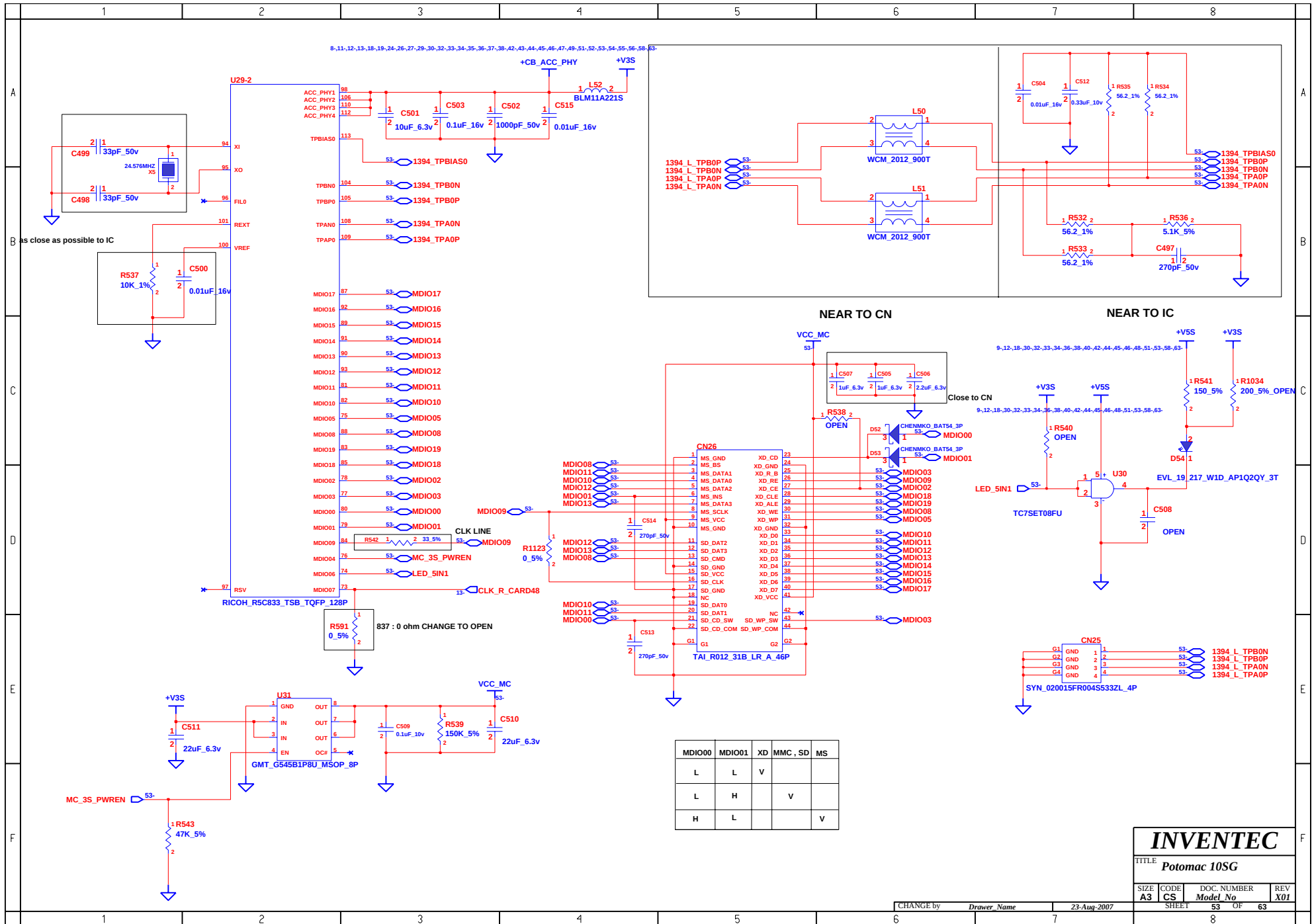


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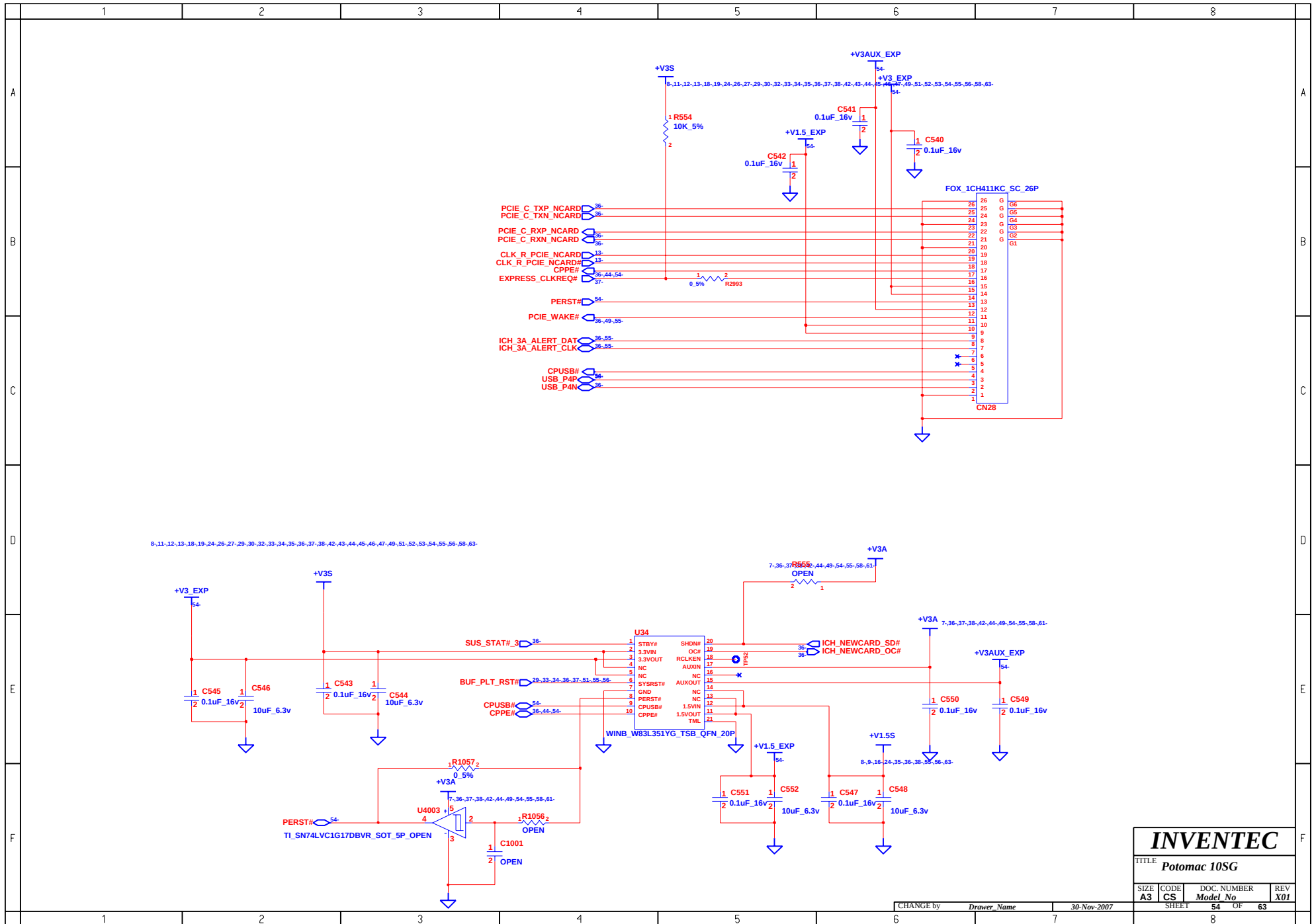
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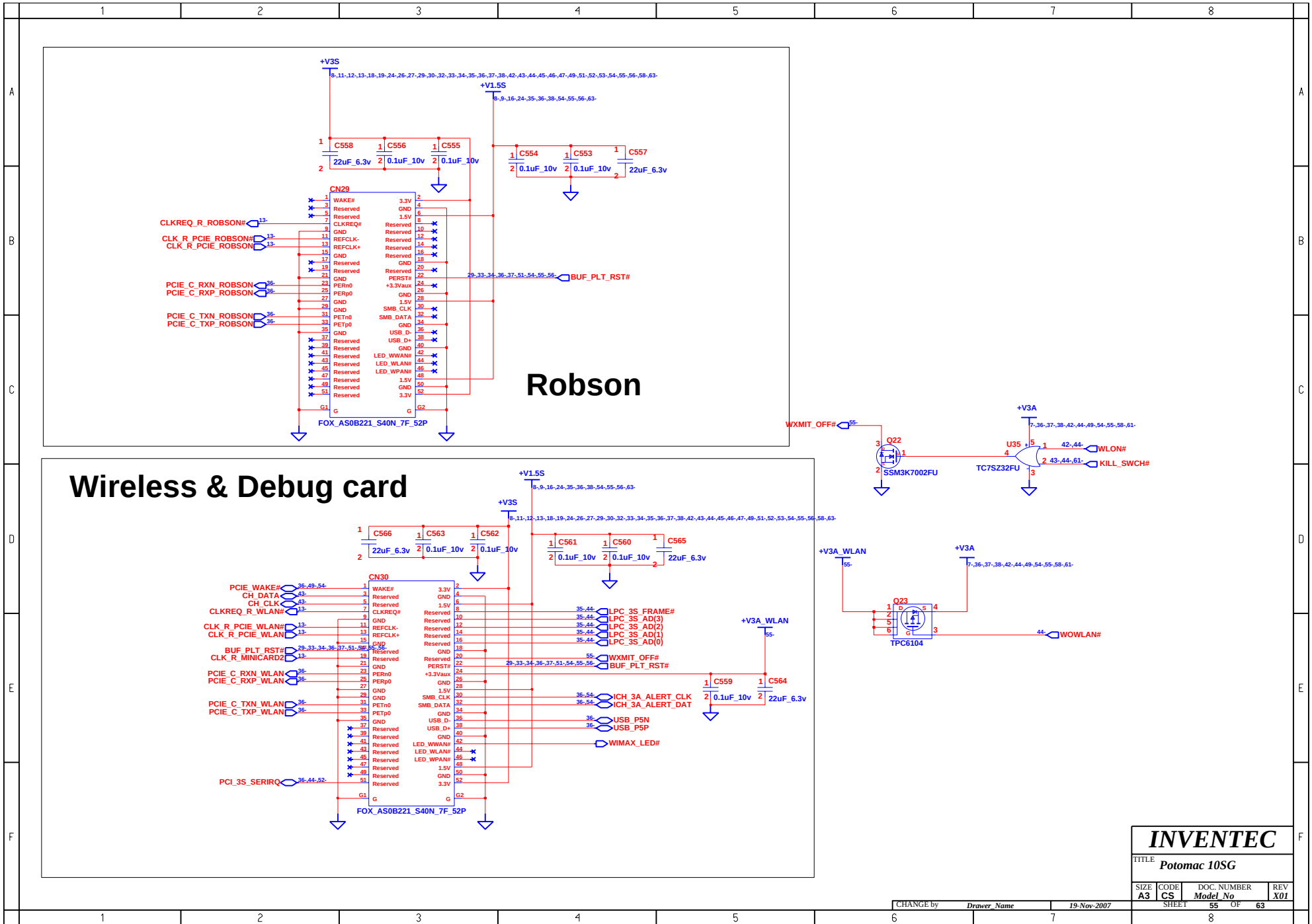
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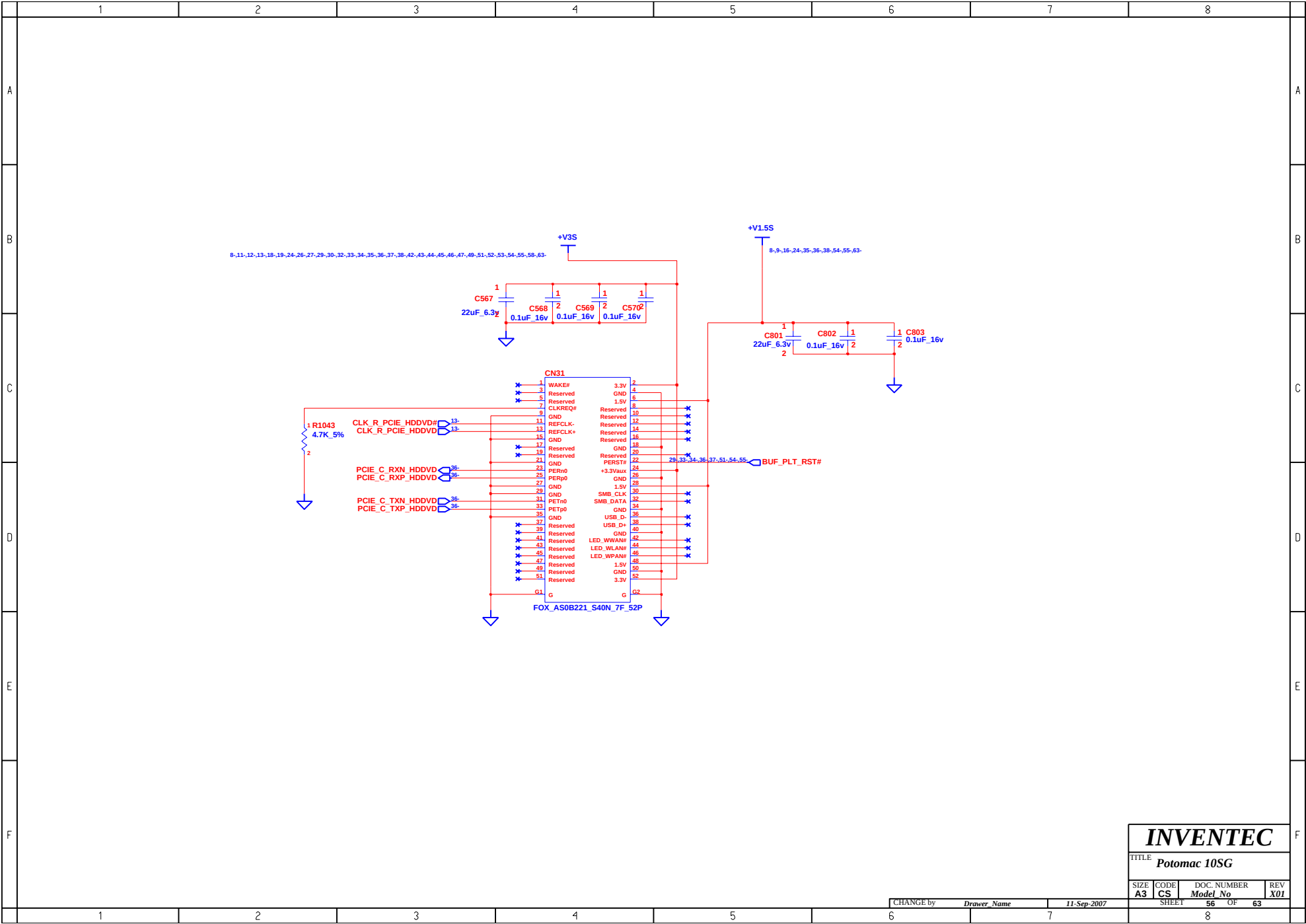
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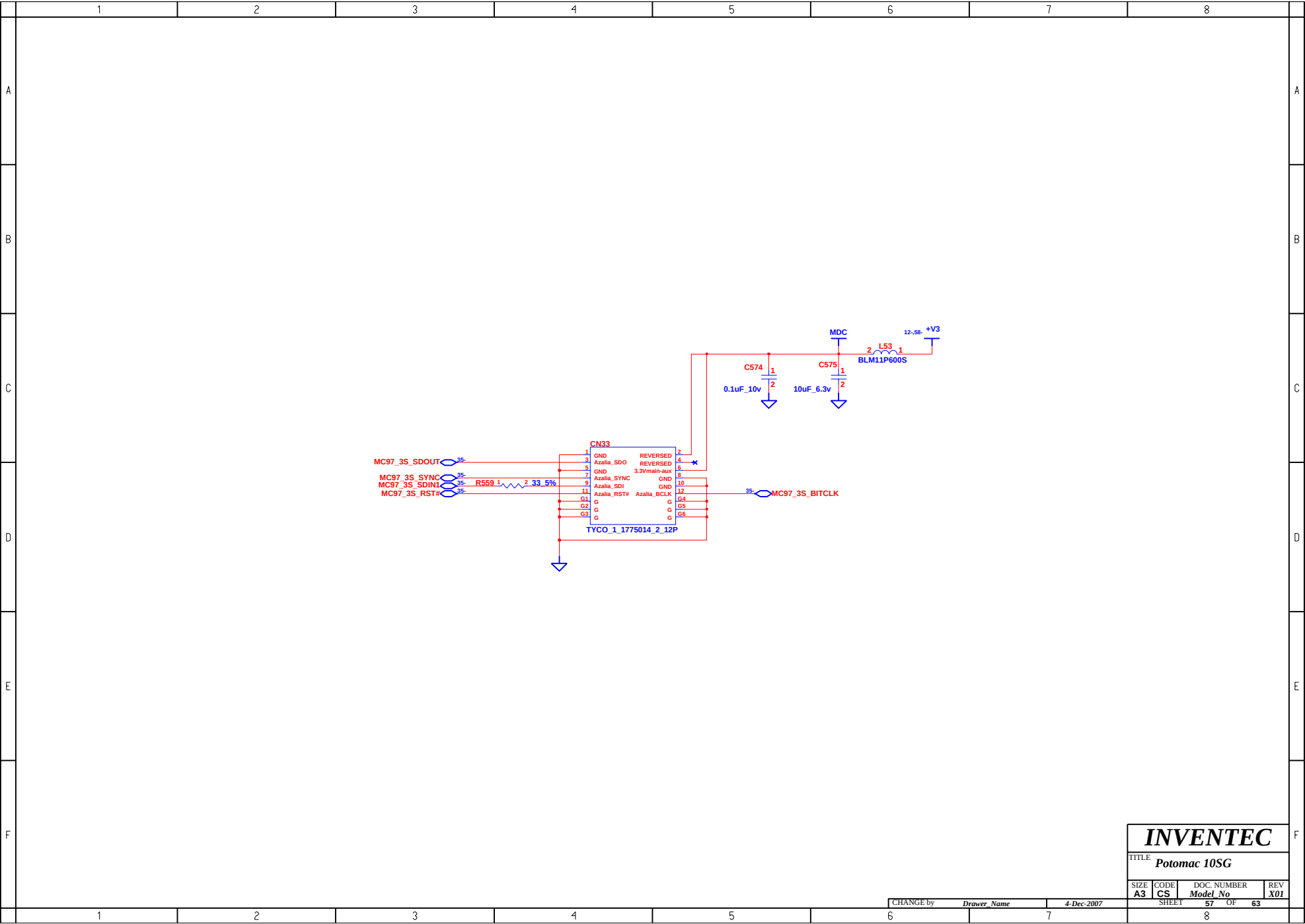
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A3	CS	Model No	X01

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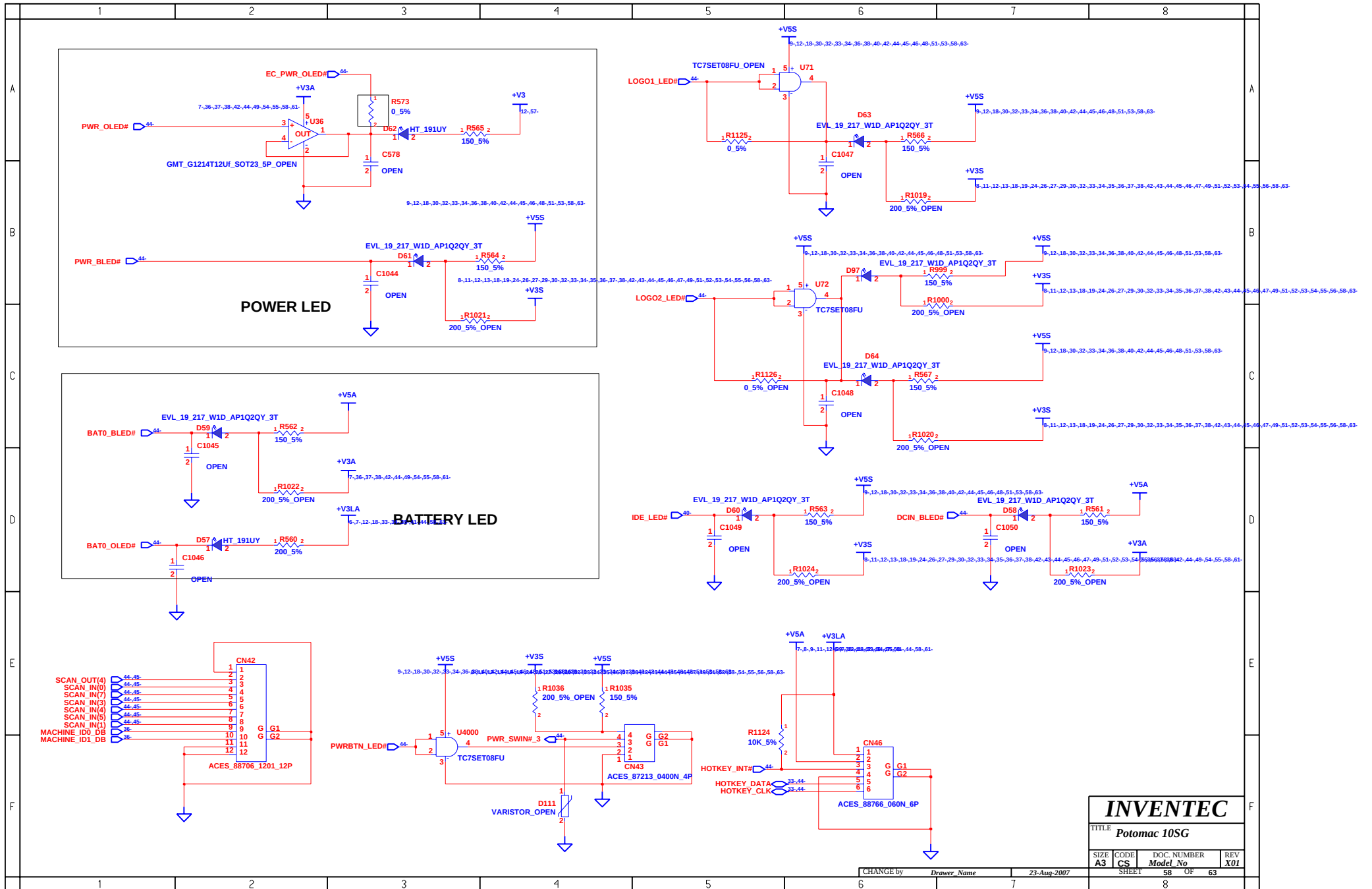
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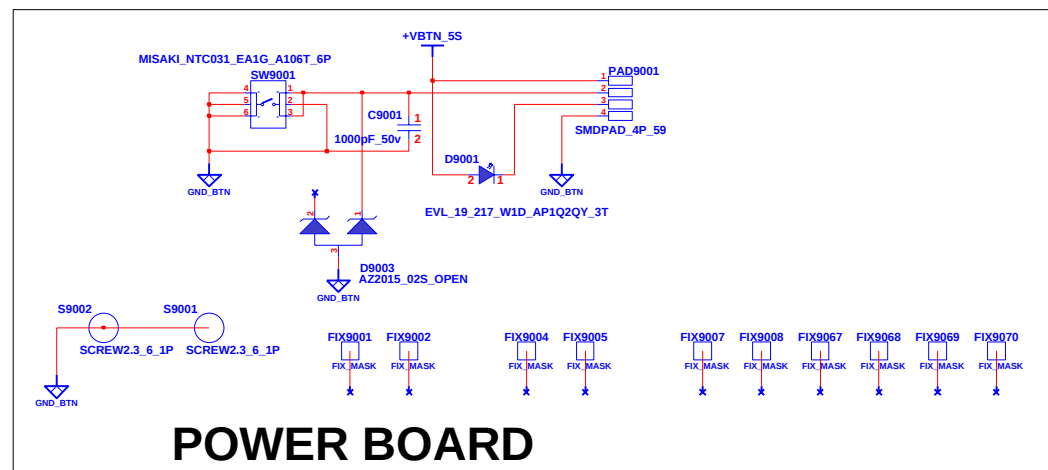
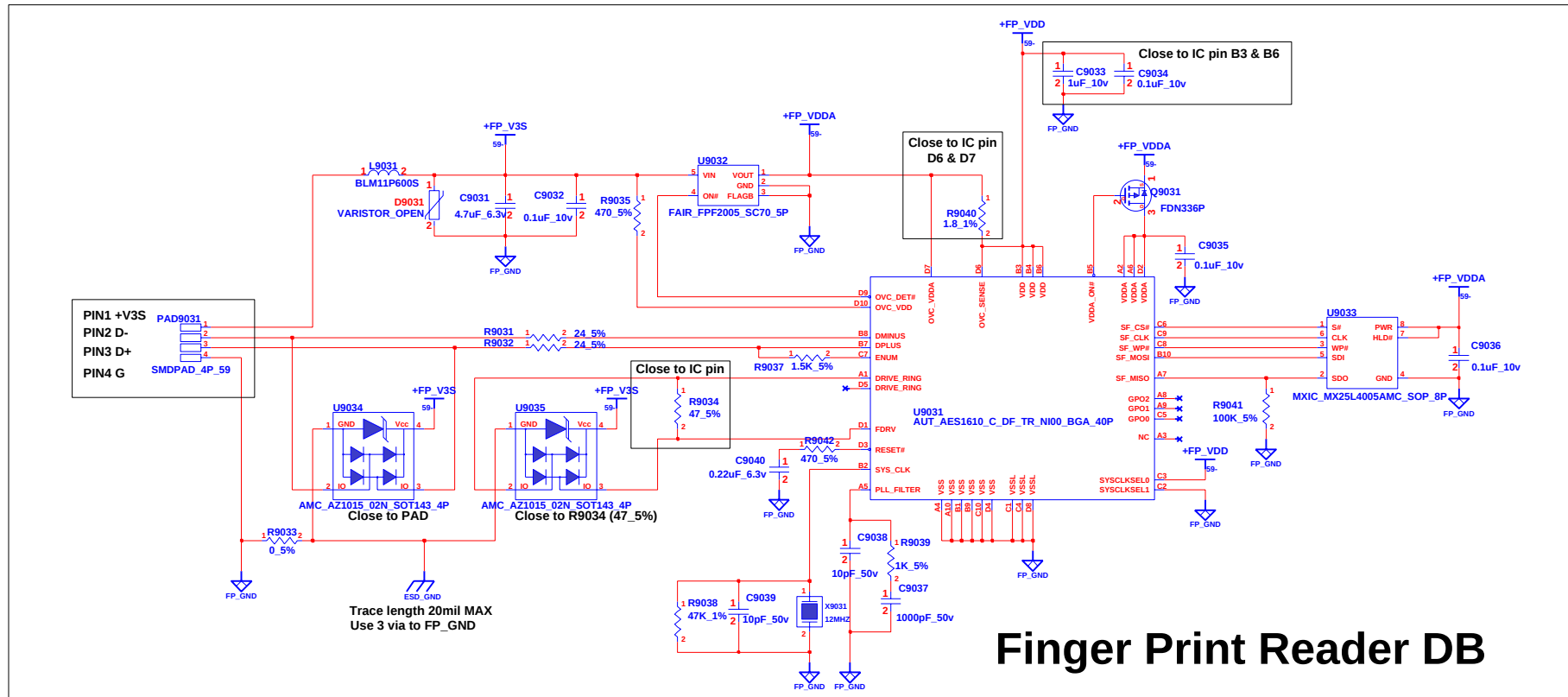
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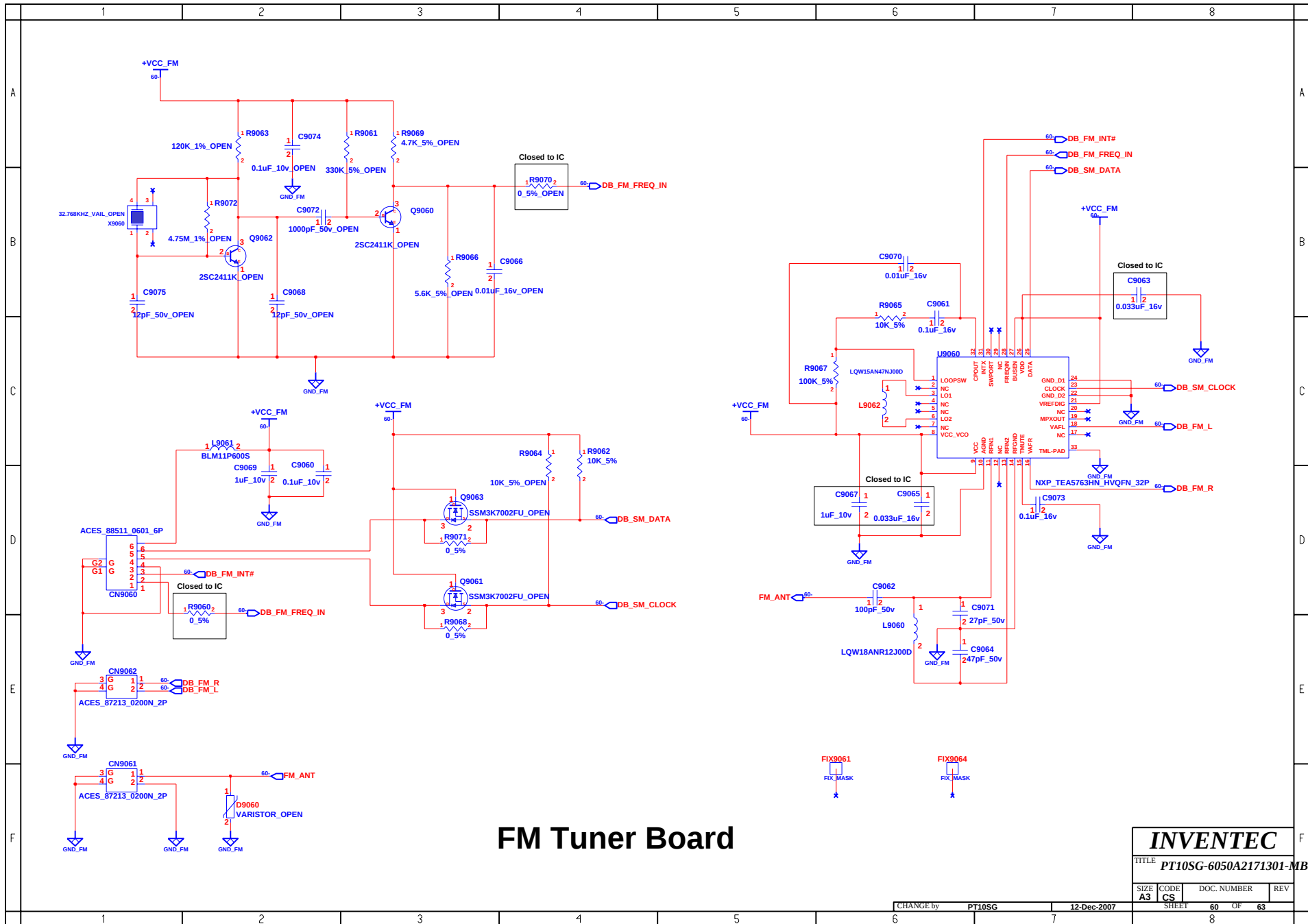
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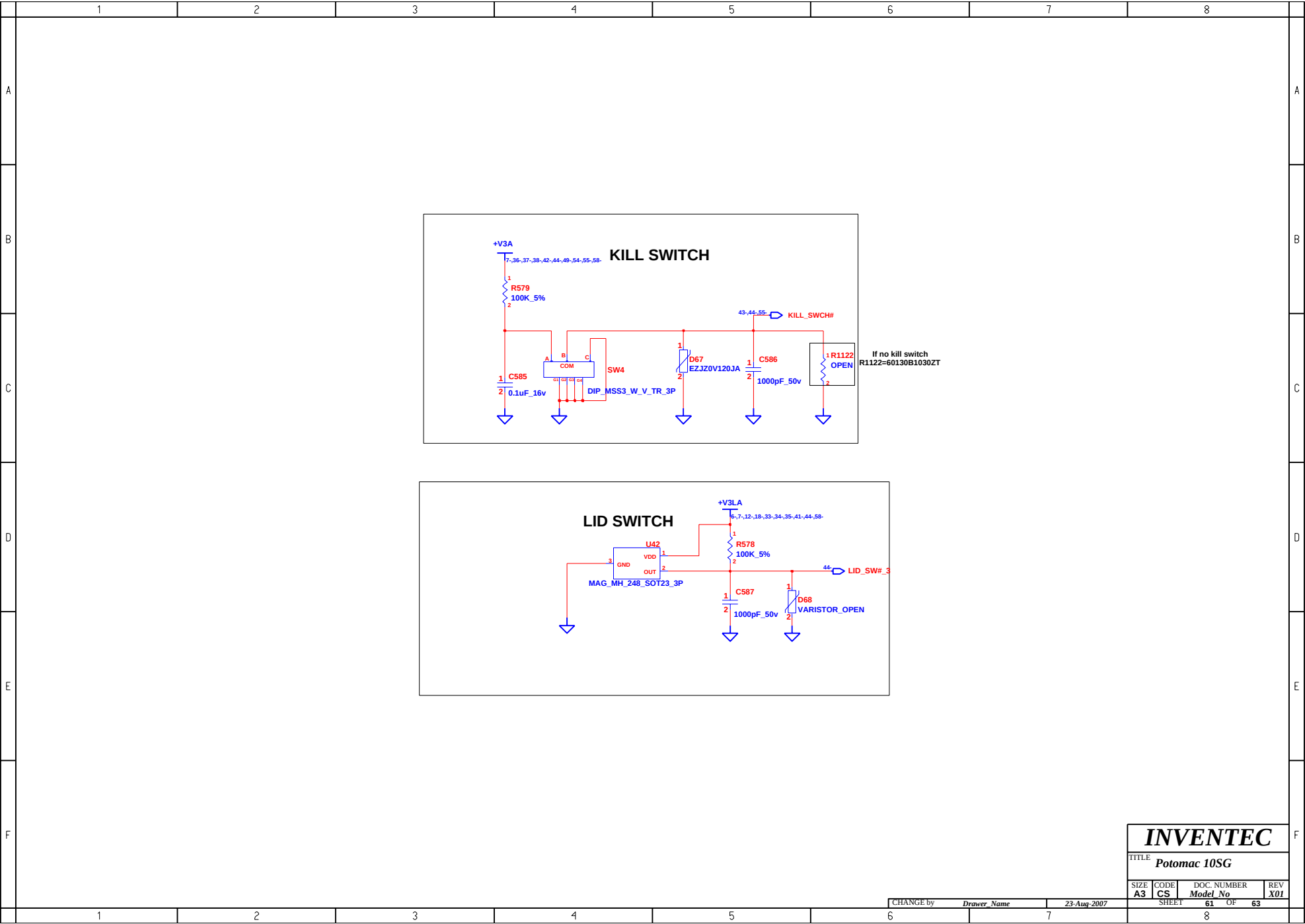
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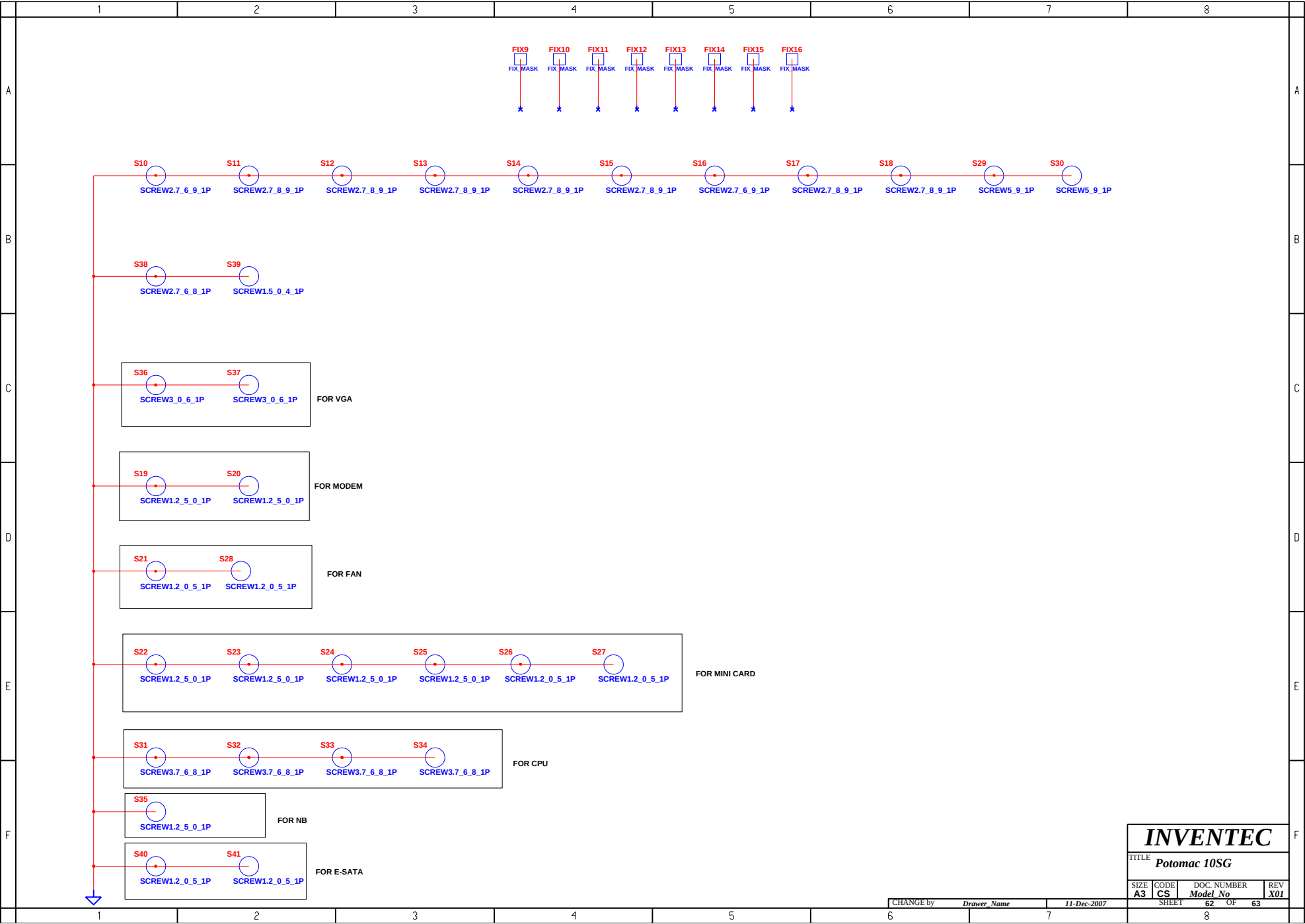




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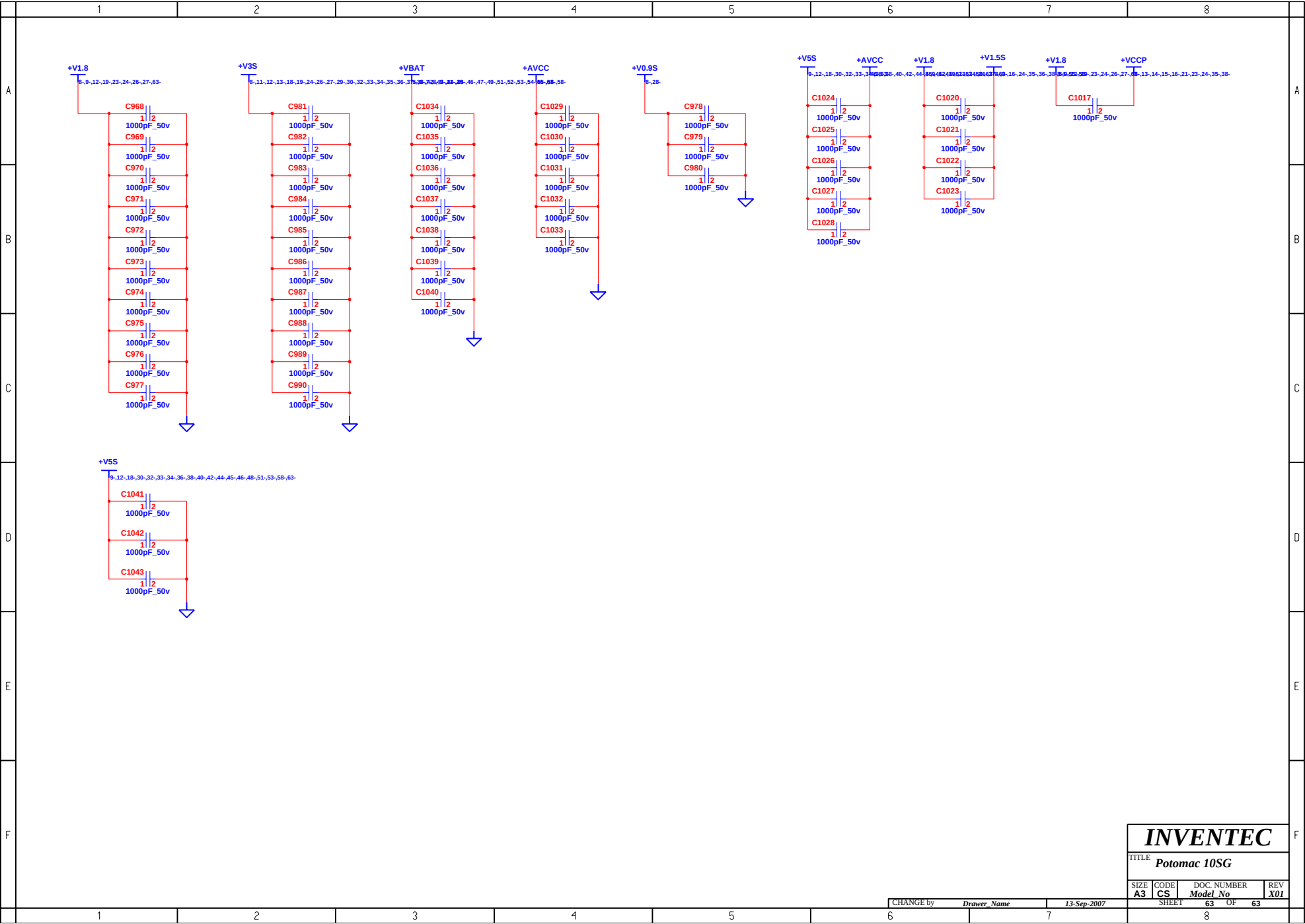
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