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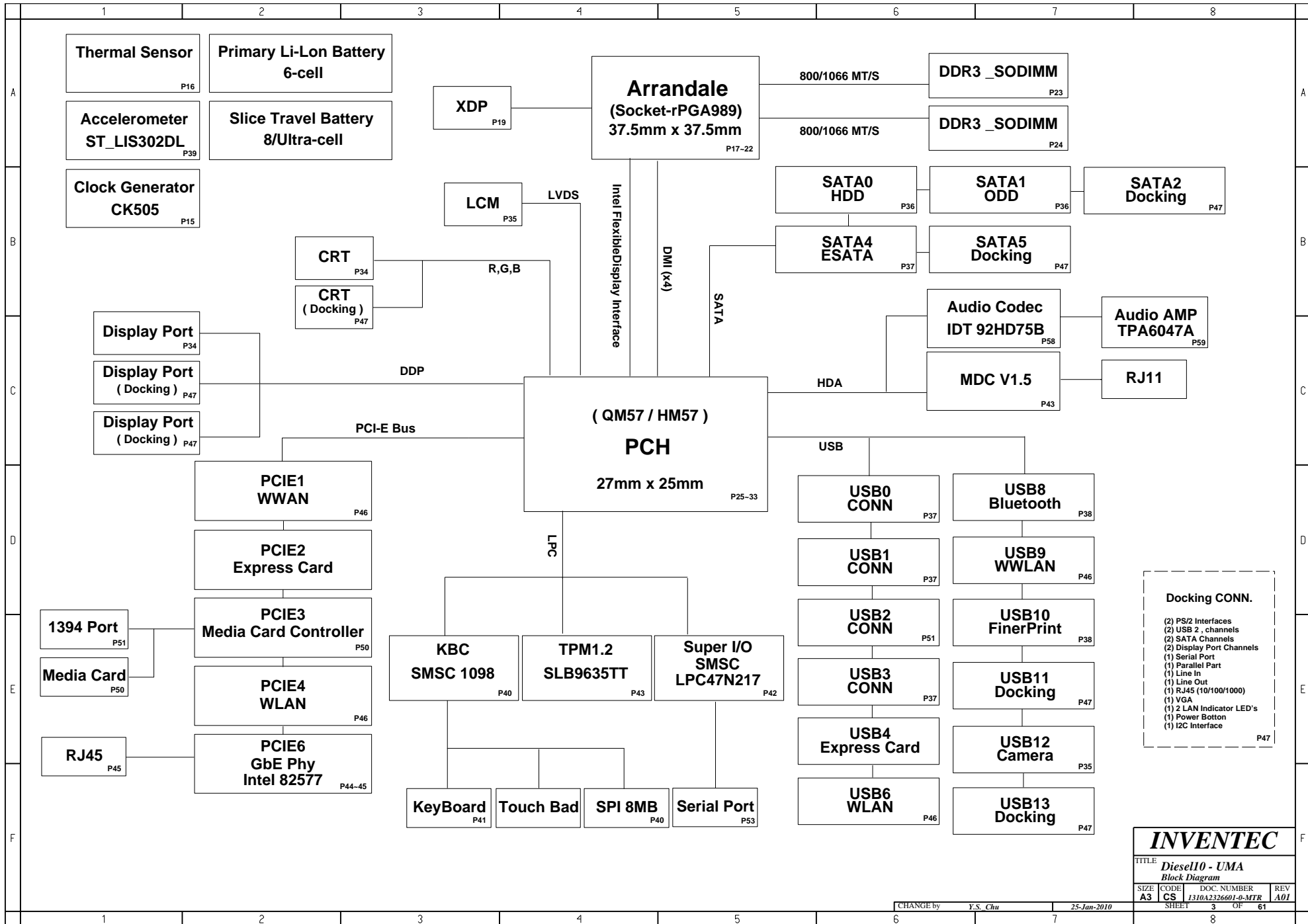
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INVENTEC

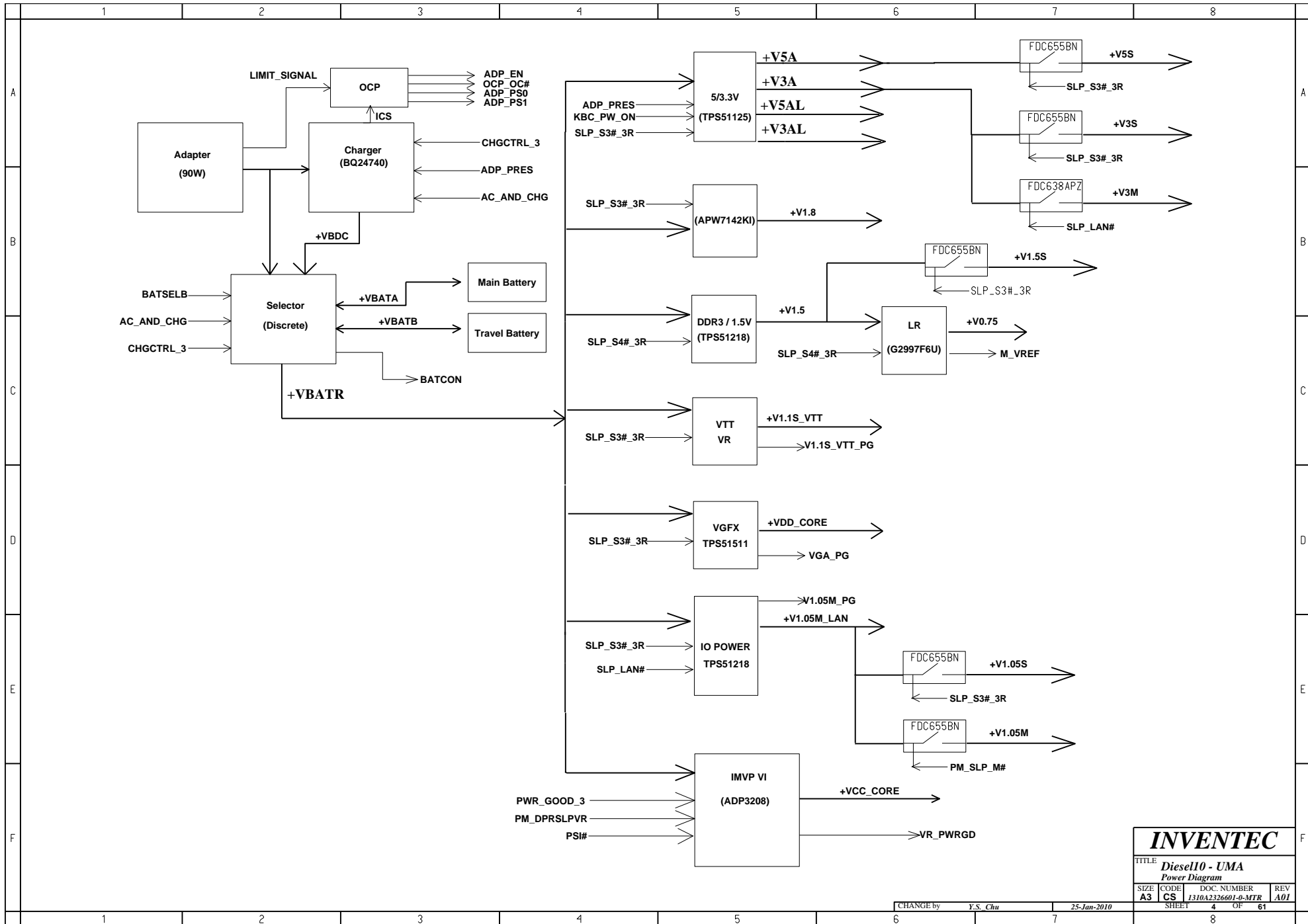
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A3	CS	1310A2326601-0-MTR	A01
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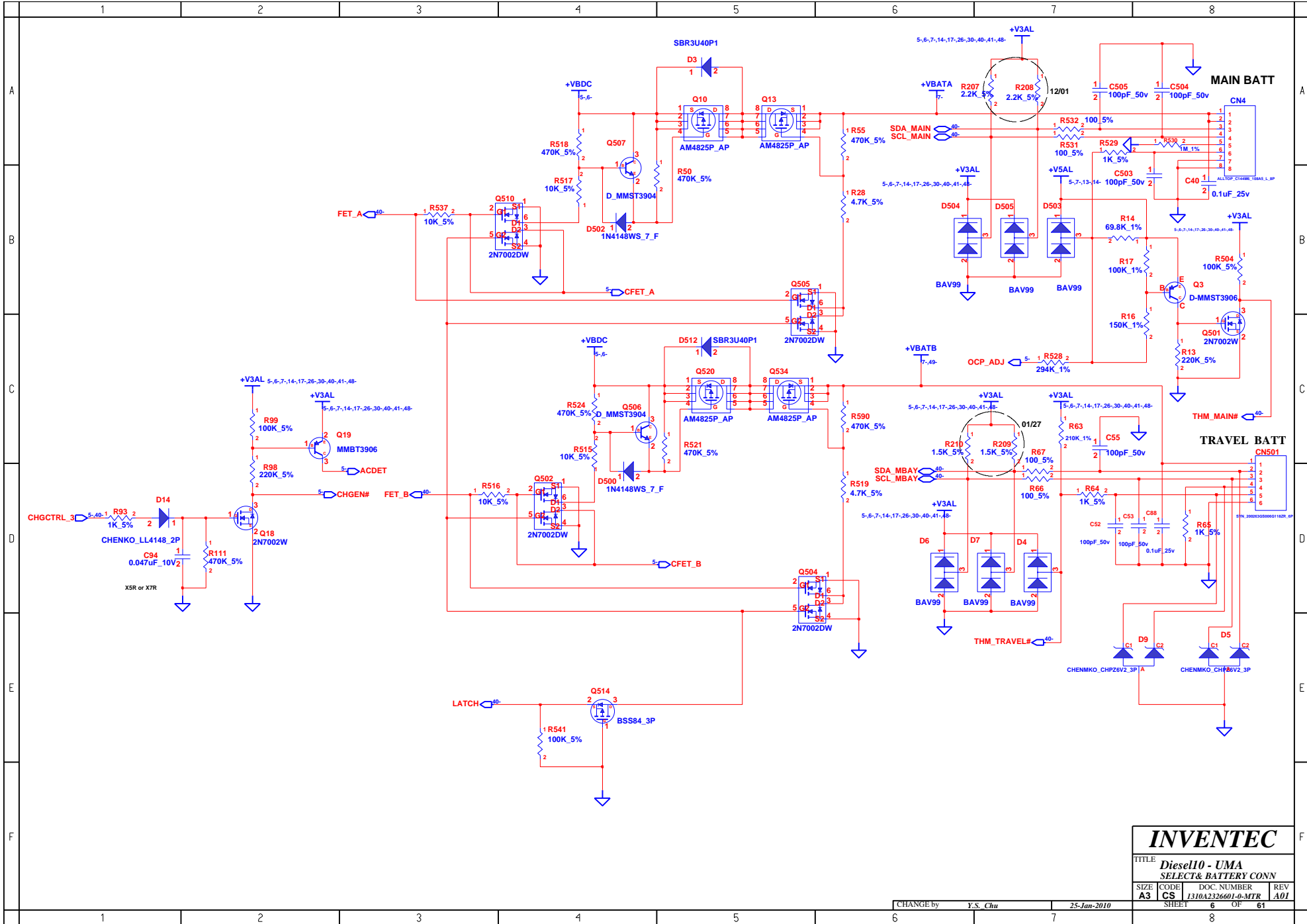
CHANGE by Y.S. Chu 25-Jan-2010



- Docking CONN.**
- (2) PS/2 Interfaces
 - (2) USB 2. channels
 - (2) SATA Channels
 - (2) Display Port Channels
 - (1) Serial Port
 - (1) Parallel Port
 - (1) Line In
 - (1) Line Out
 - (1) RJ45 (10/100/1000)
 - (1) VGA
 - (1) 2 LAN Indicator LED's
 - (1) Power Button
 - (1) I2C Interface

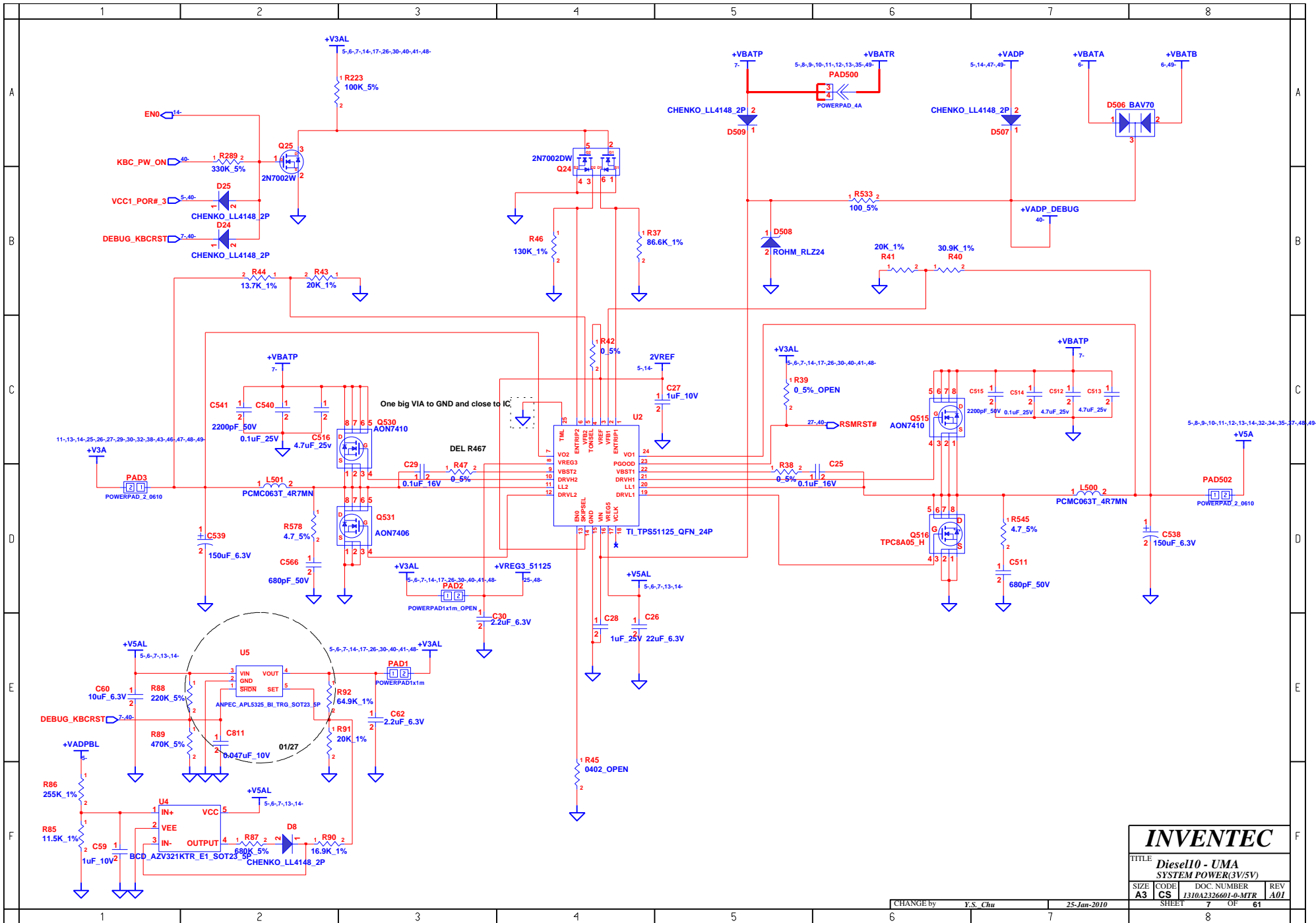
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Block Diagram			
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CHANGE by		Y.S. Chu	25-Jan-2010
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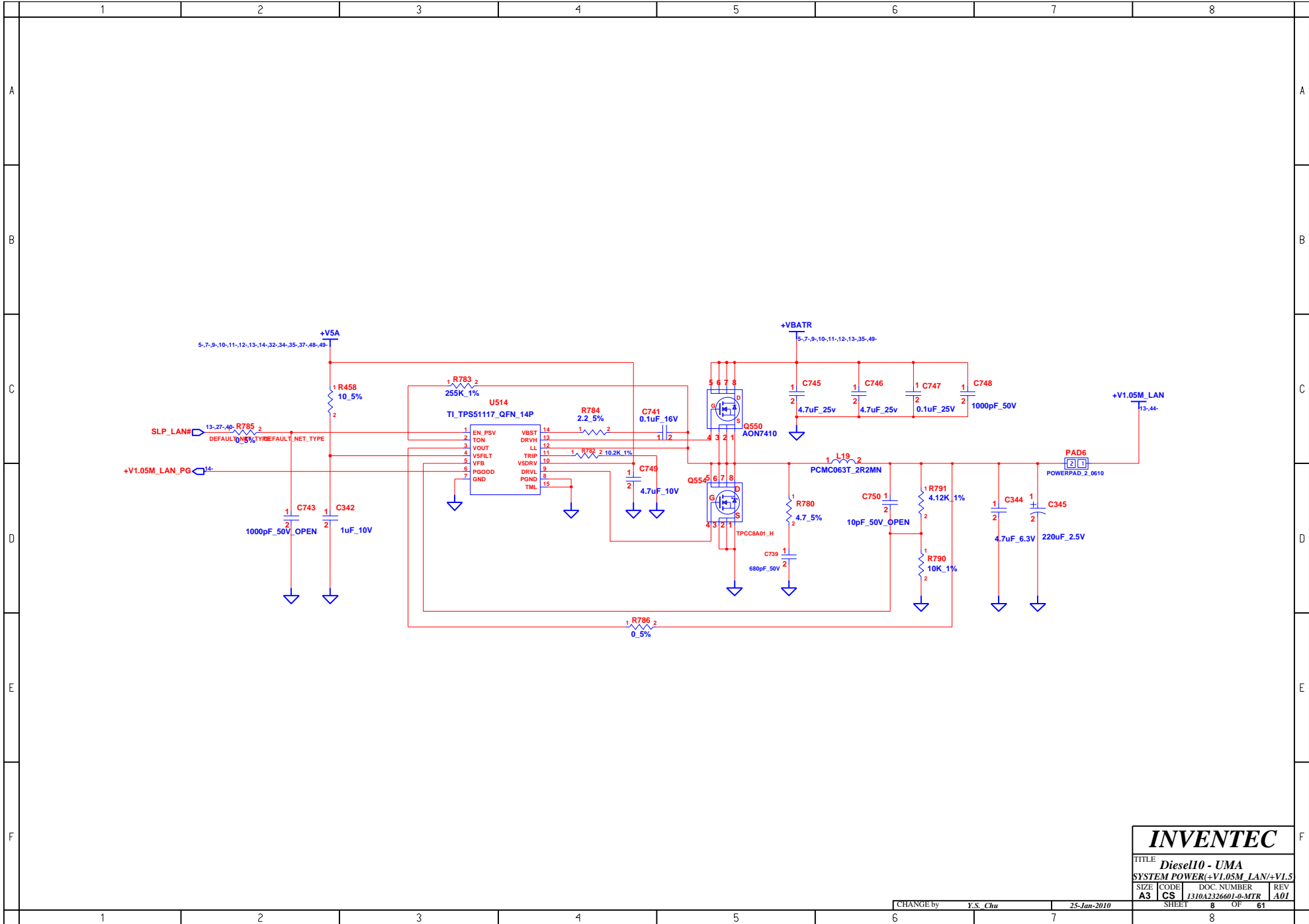
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CHANGE by Y.S. Chu		25-Jan-2010	
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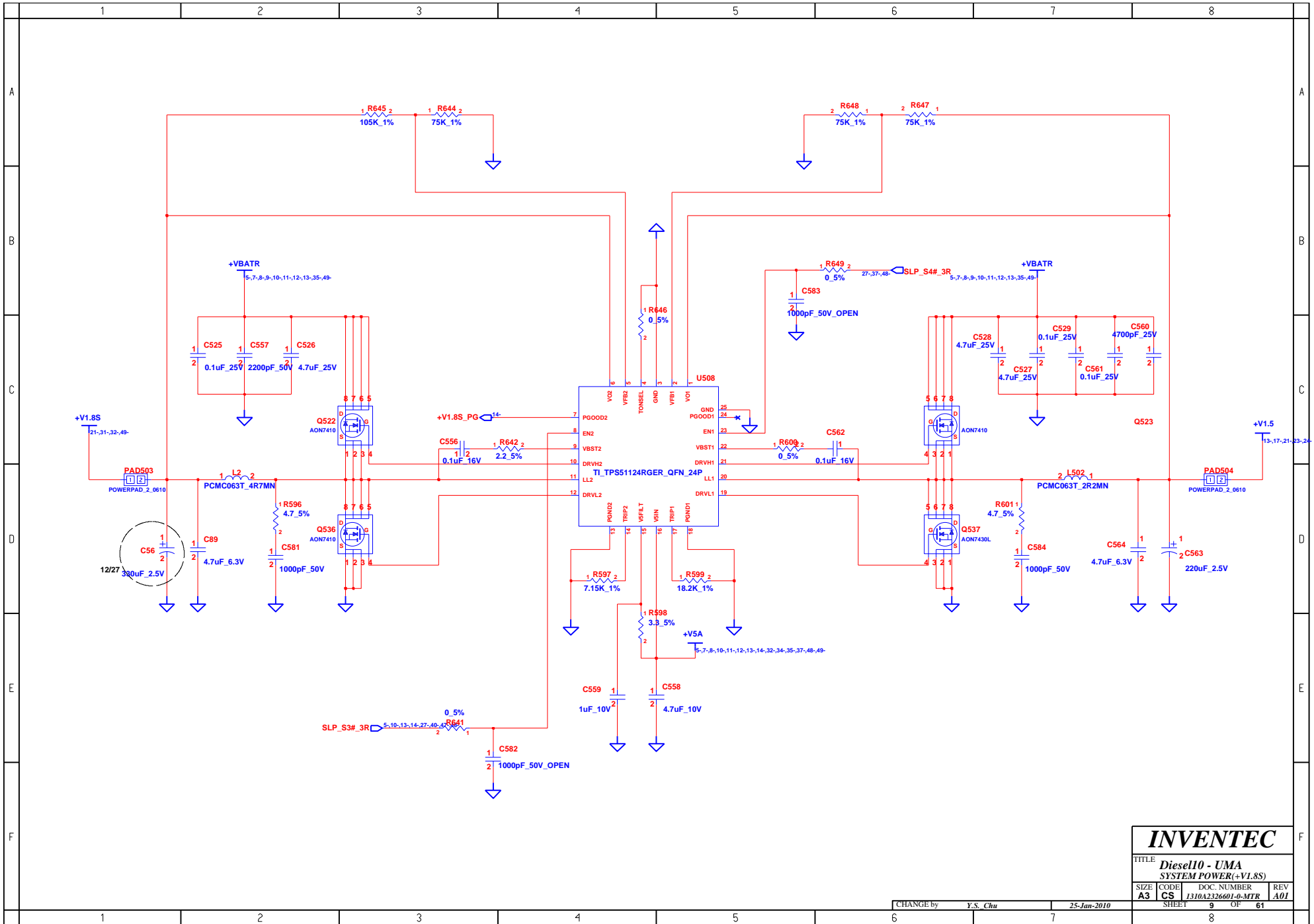


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CHANGE by Y.S. Chu		25-Jan-2010	
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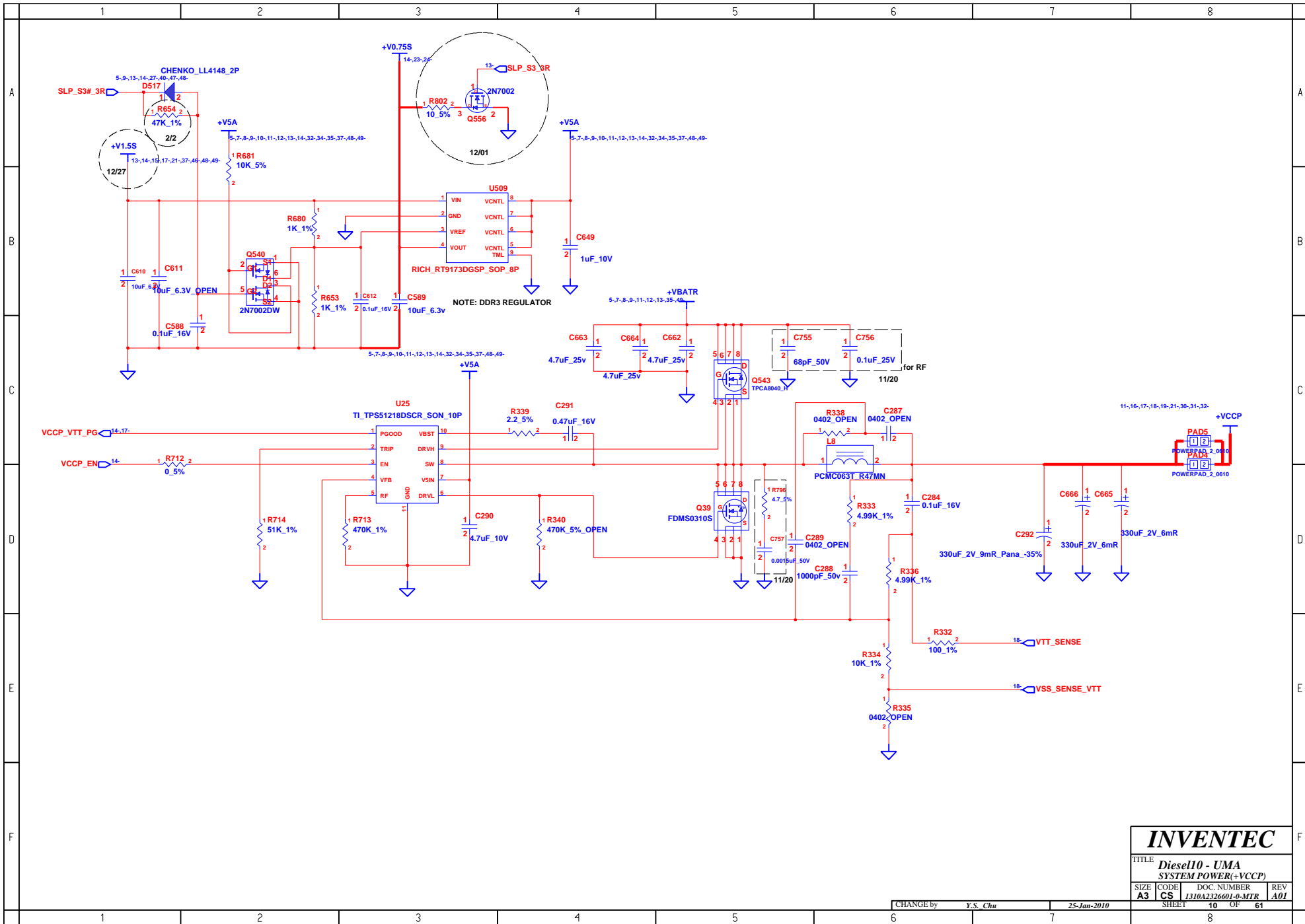


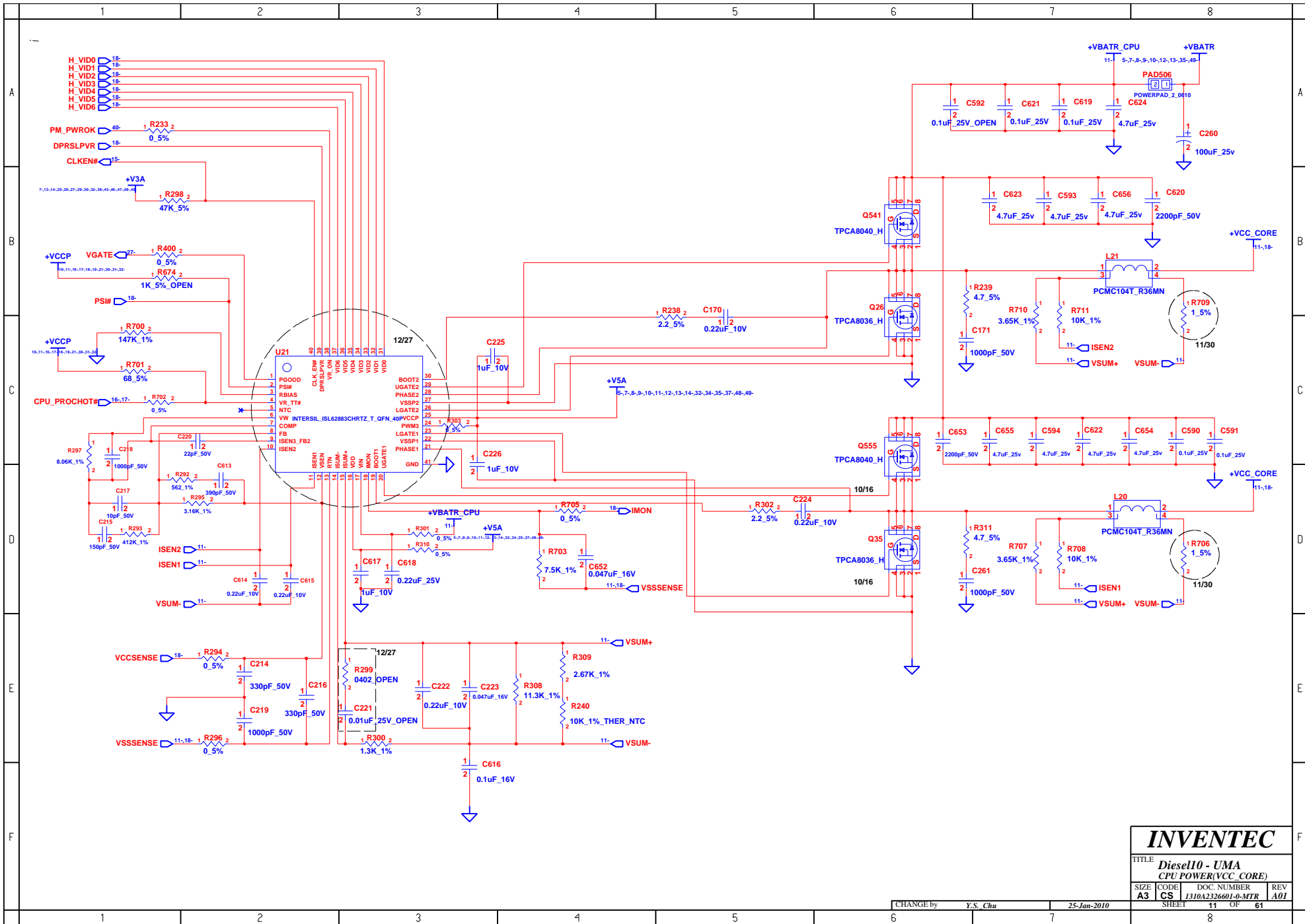
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INVENTEC			
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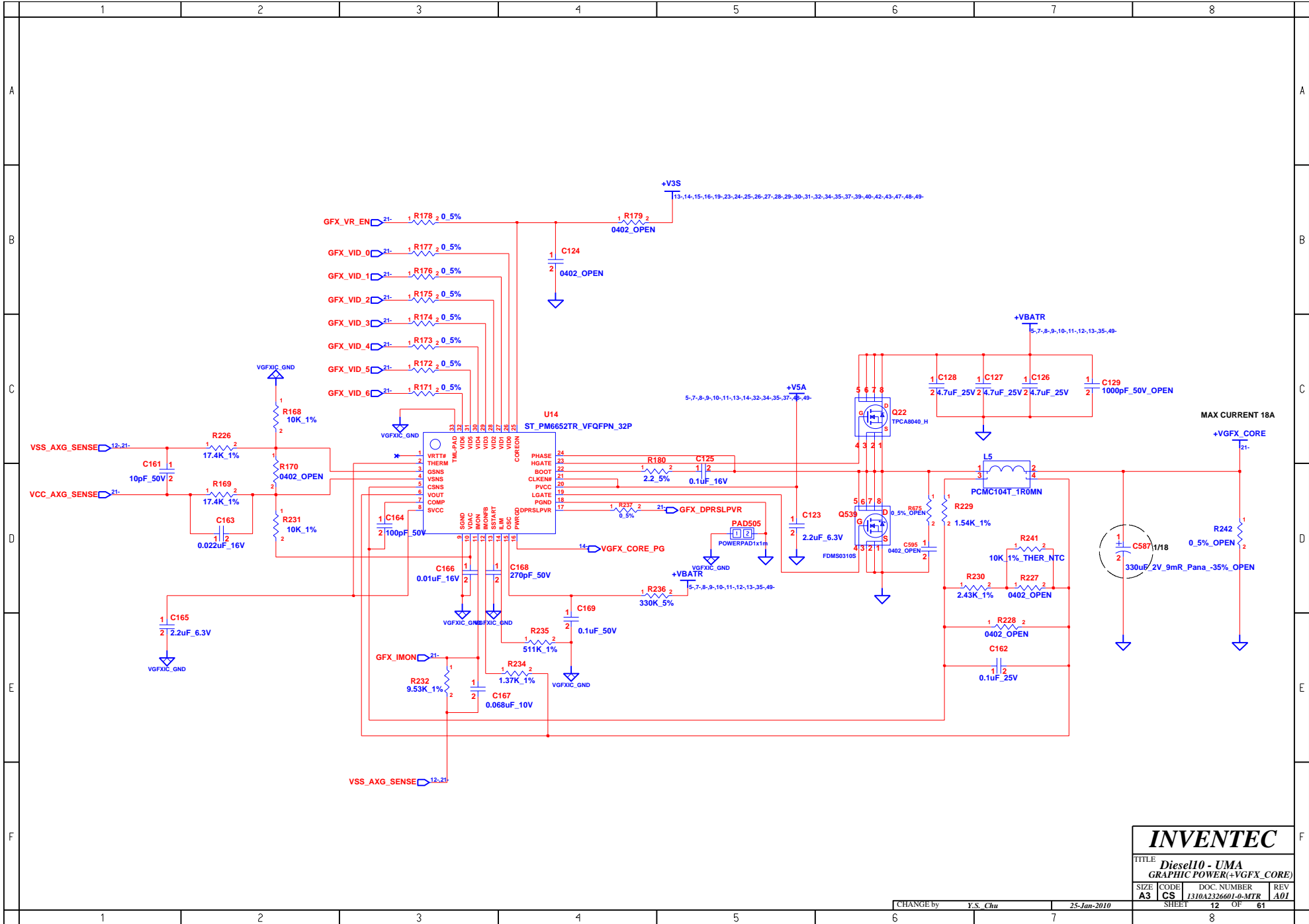
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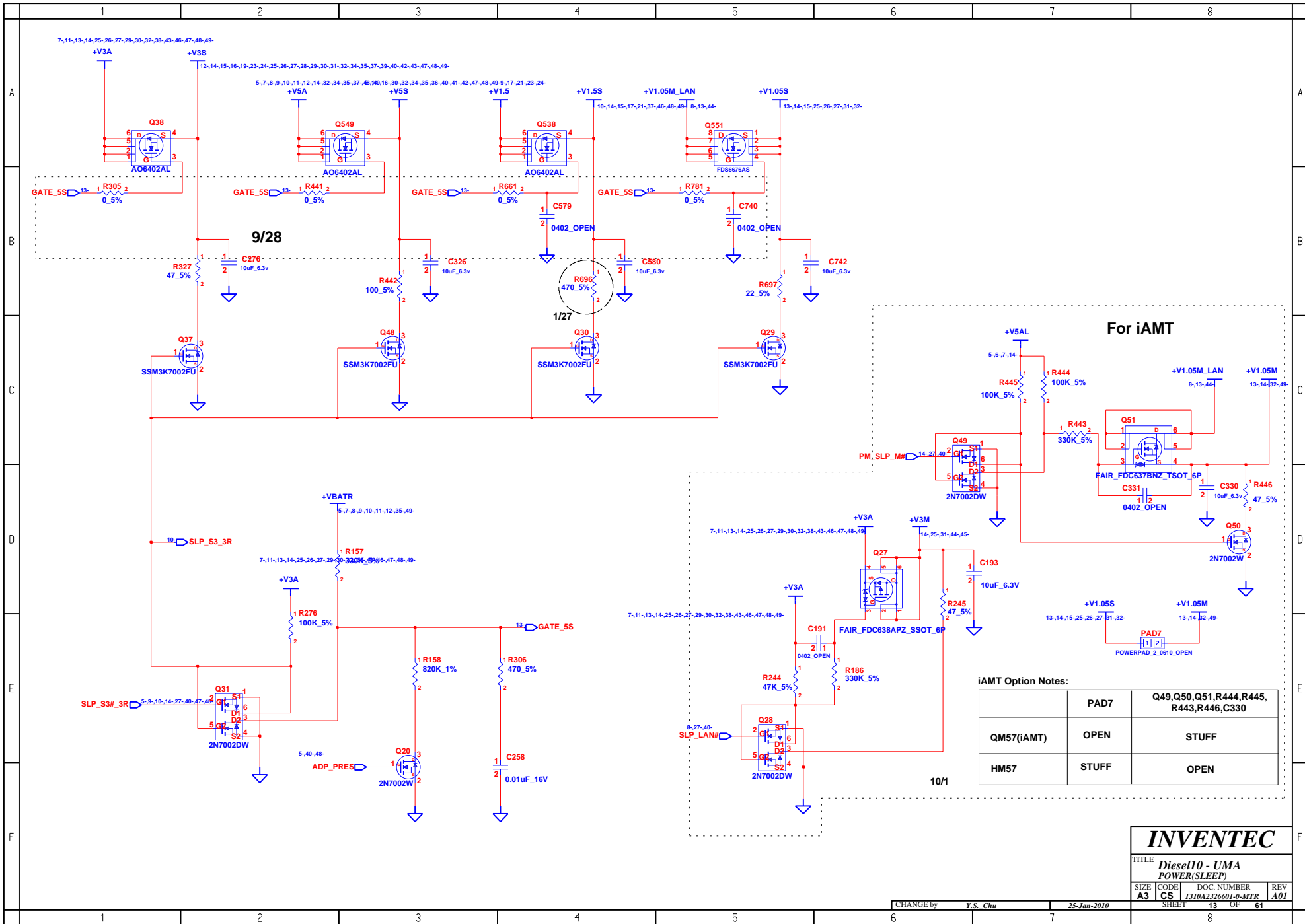
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INVENTEC			
TITLE Diesel10 - UMA GRAPHIC POWER(+VGFX_CORE)			
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CHANGE by Y.S. Chu		25-Jan-2010	
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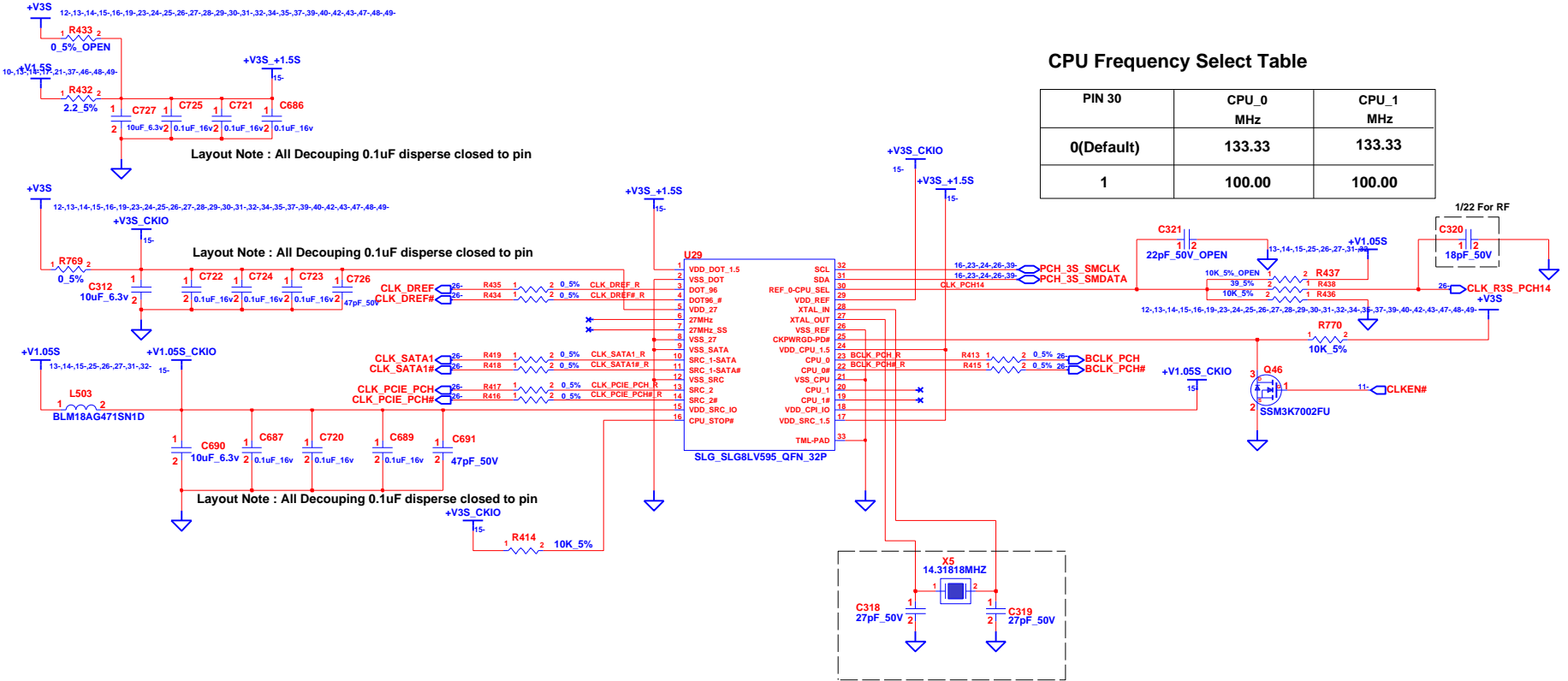
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	R1138	R1139
STANDARD POWER	OPEN	STUFF
LOW POWER	STUFF	OPEN

CPU Frequency Select Table

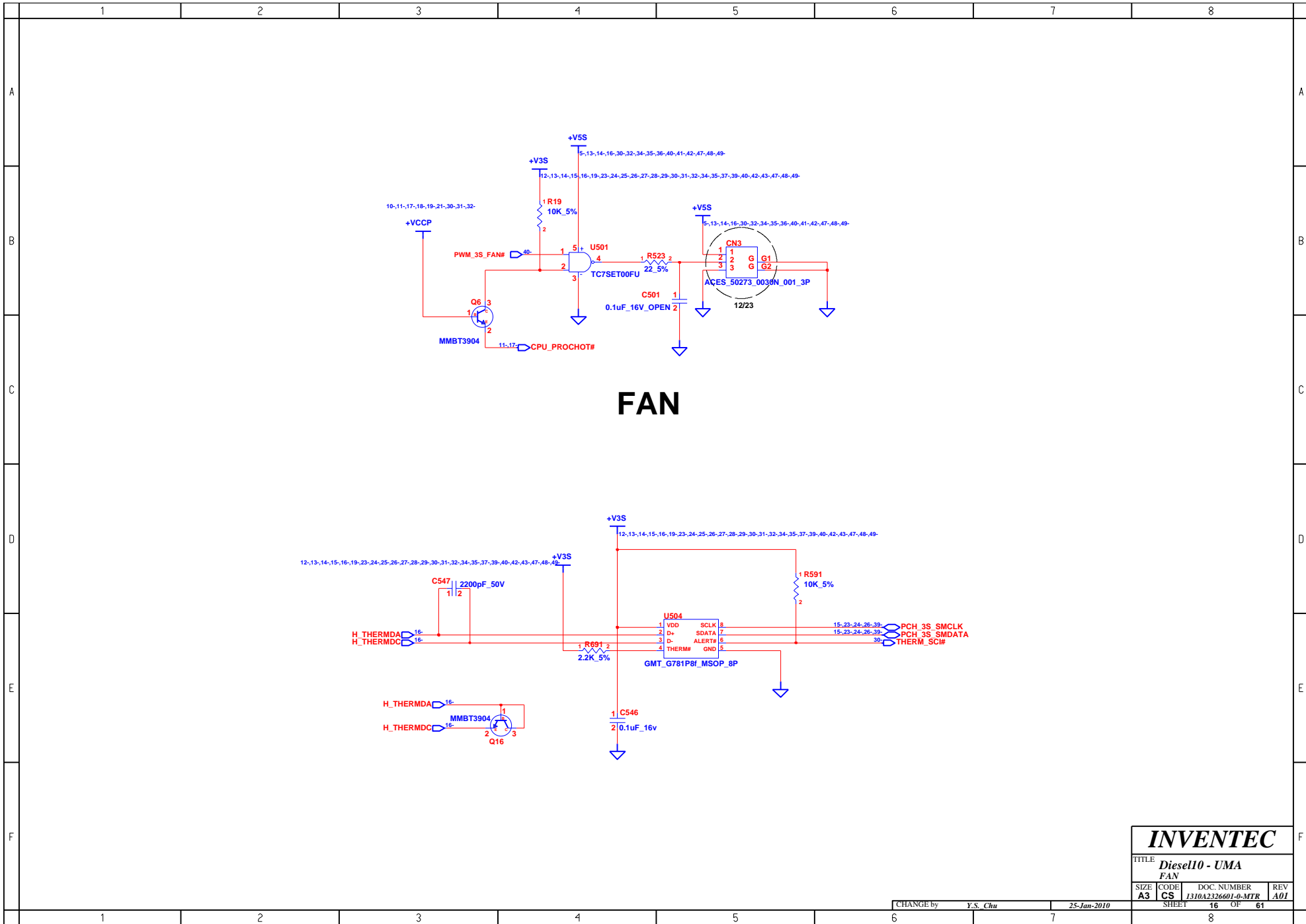
PIN 30	CPU_0 MHz	CPU_1 MHz
0(Default)	133.33	133.33
1	100.00	100.00



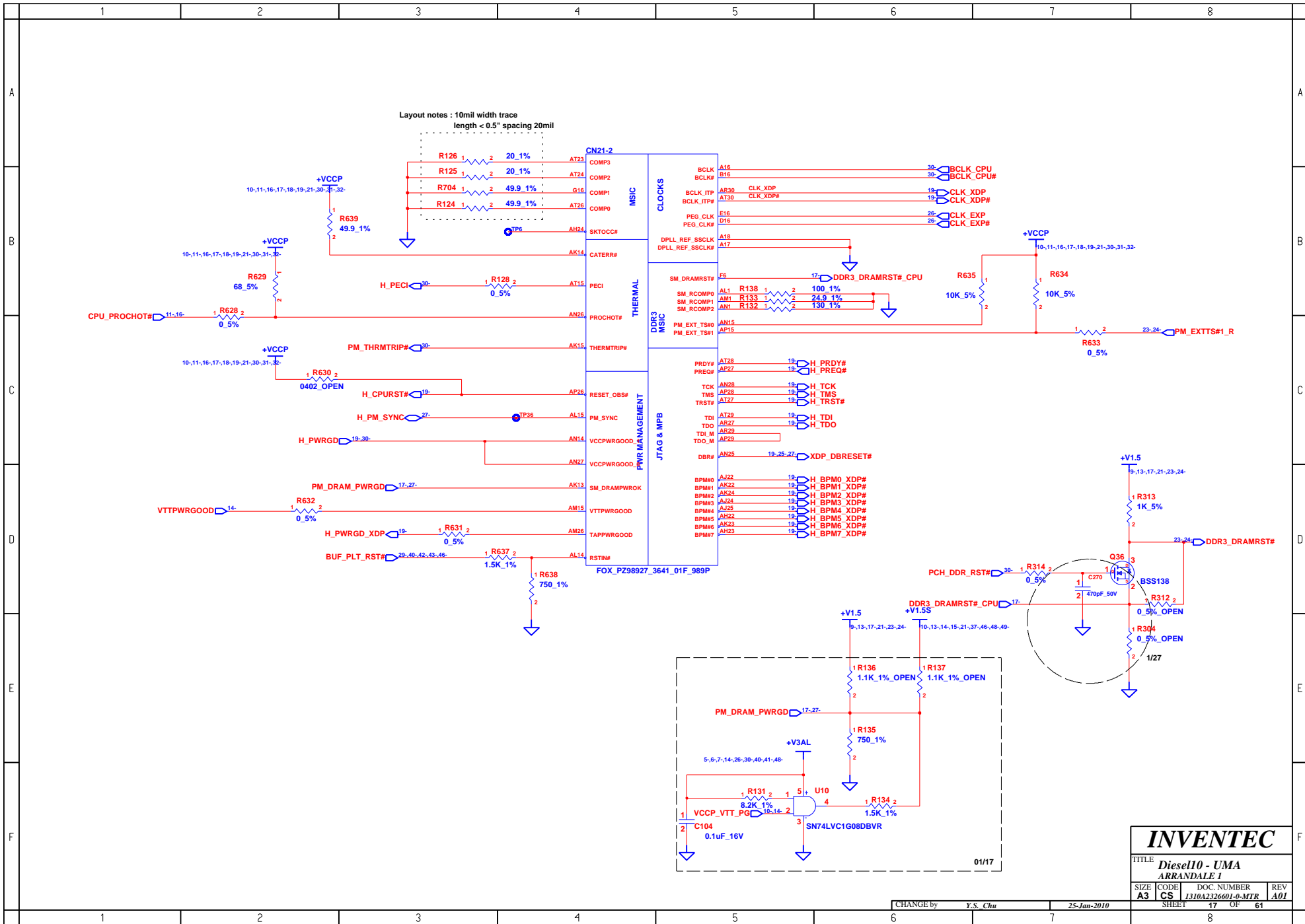
Layout Note: All Decoupling 0.1uF disperse closed to pin

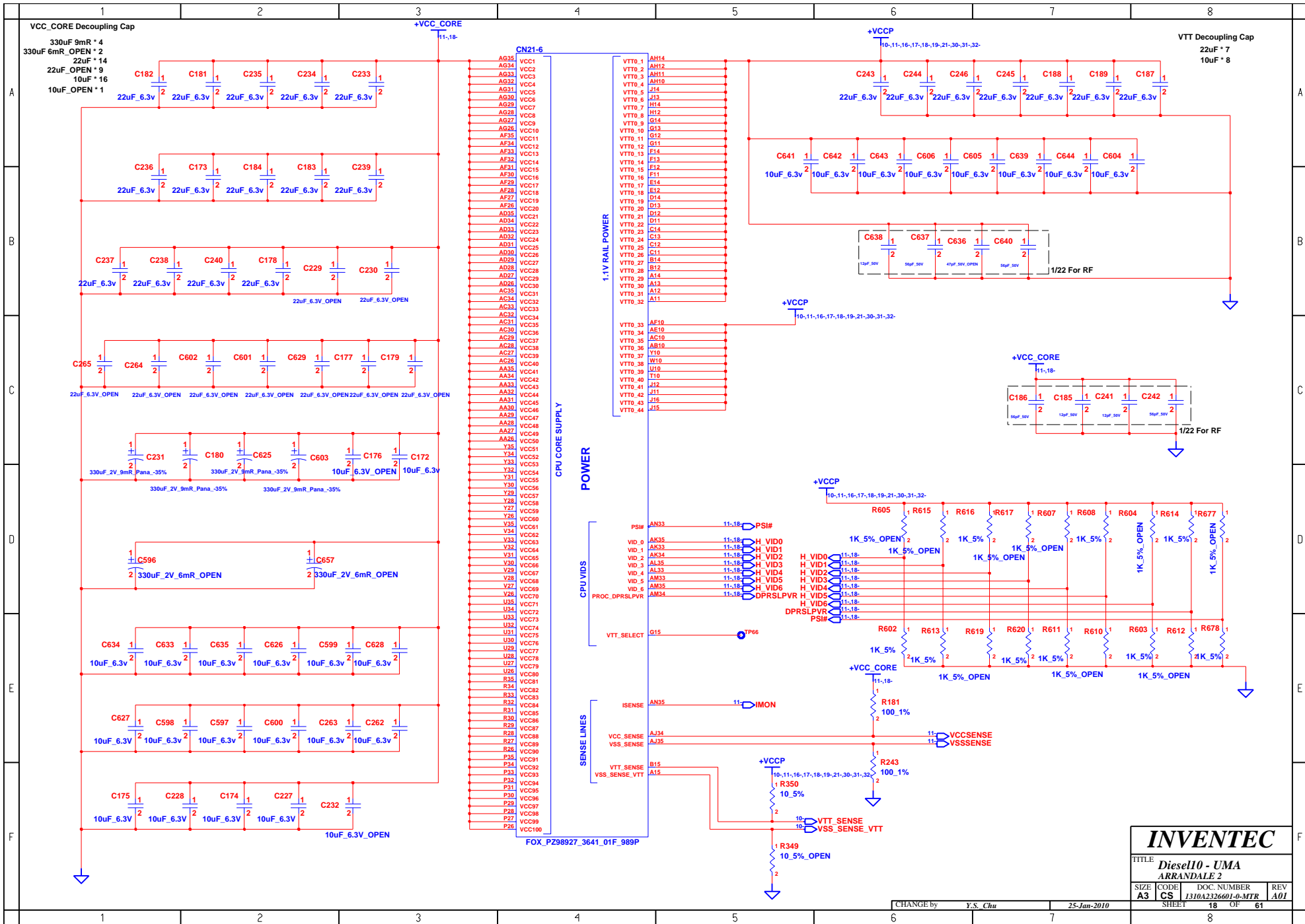
Layout Note: Place close to CLKGEN within 500 mils

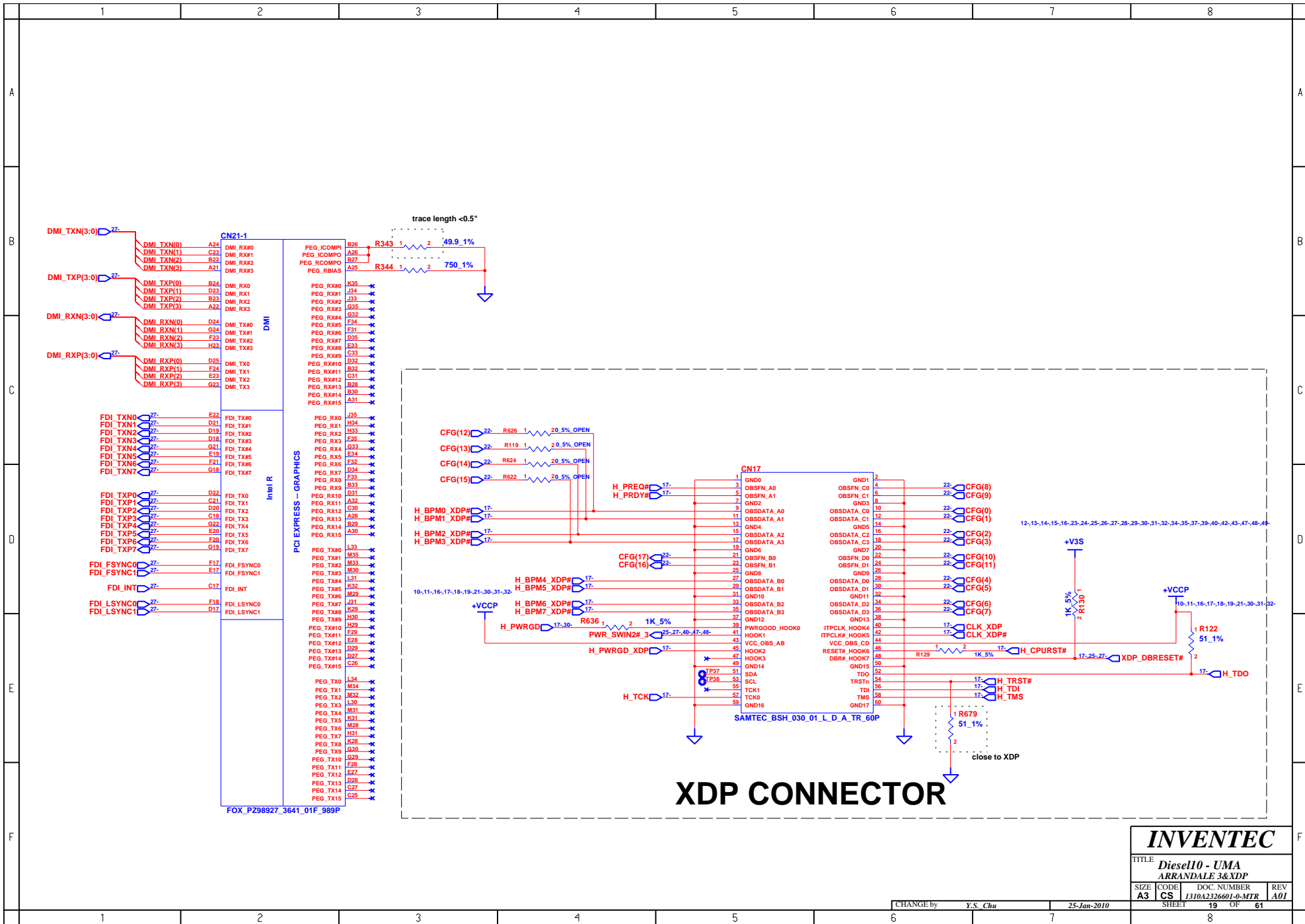
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SIZE A3	CODE CS	DOC NUMBER 1310A232601-p-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
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INVENTEC			
TITLE Diesel10 - UMA			
FAN			
SIZE A3	CODE CS	DOC. NUMBER 1310A2326601-0-MTR	REV A01
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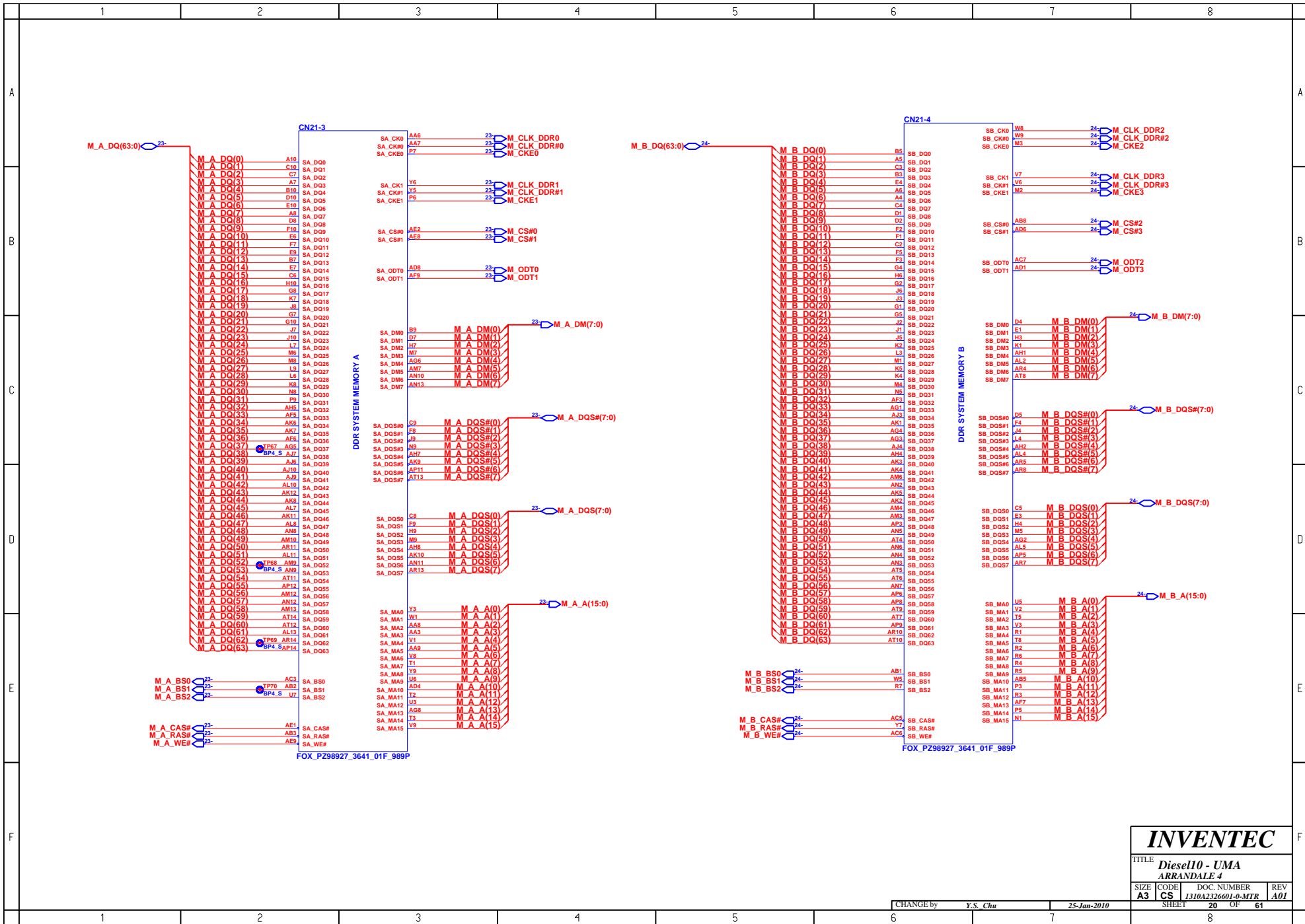


XDP CONNECTOR

INVENTEC

TITLE			
Diesel10 - UMA			
ARRANDALE 3&XDP			
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19			61

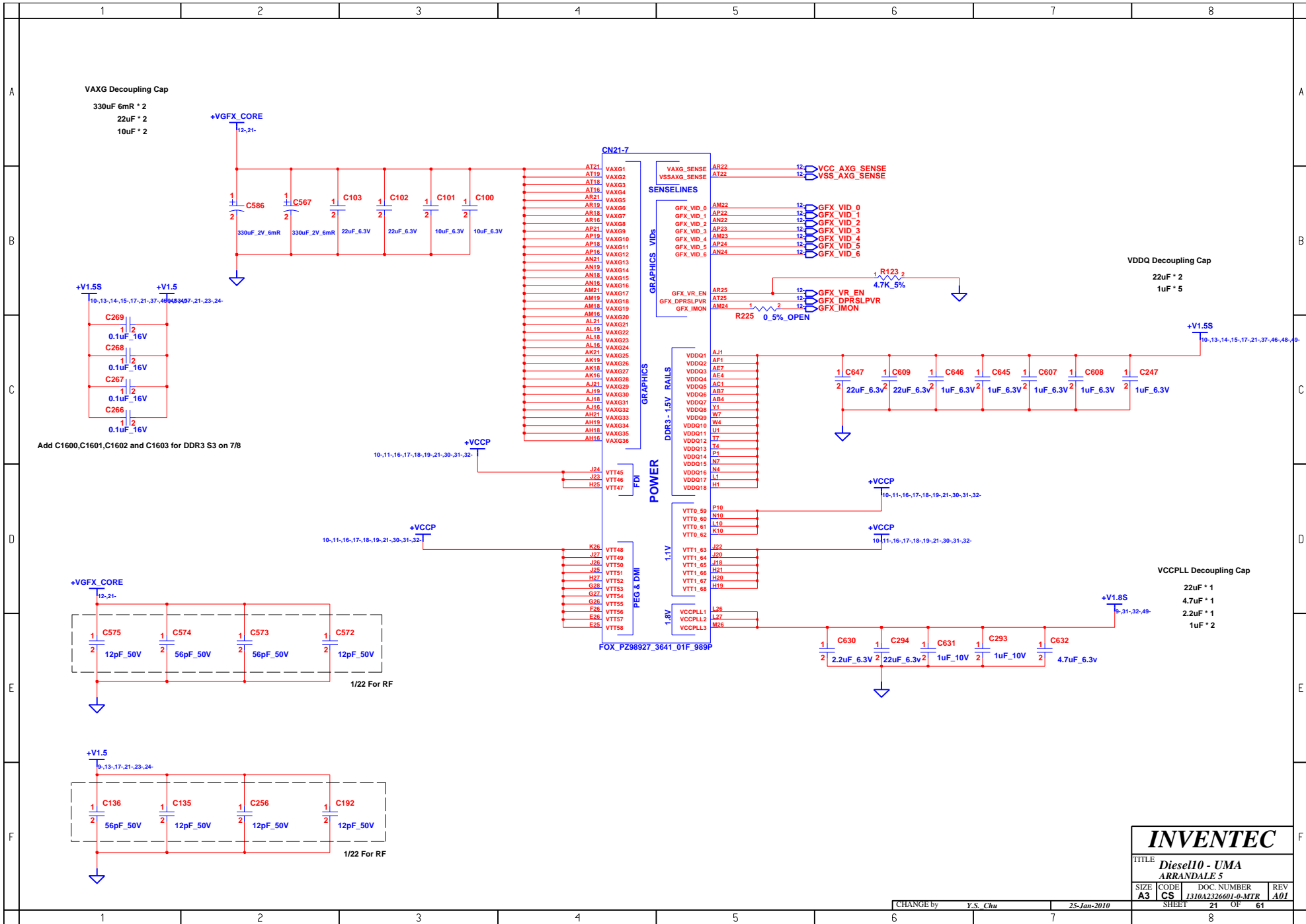
CHANGE by Y.S. Chu 25-Jan-2010



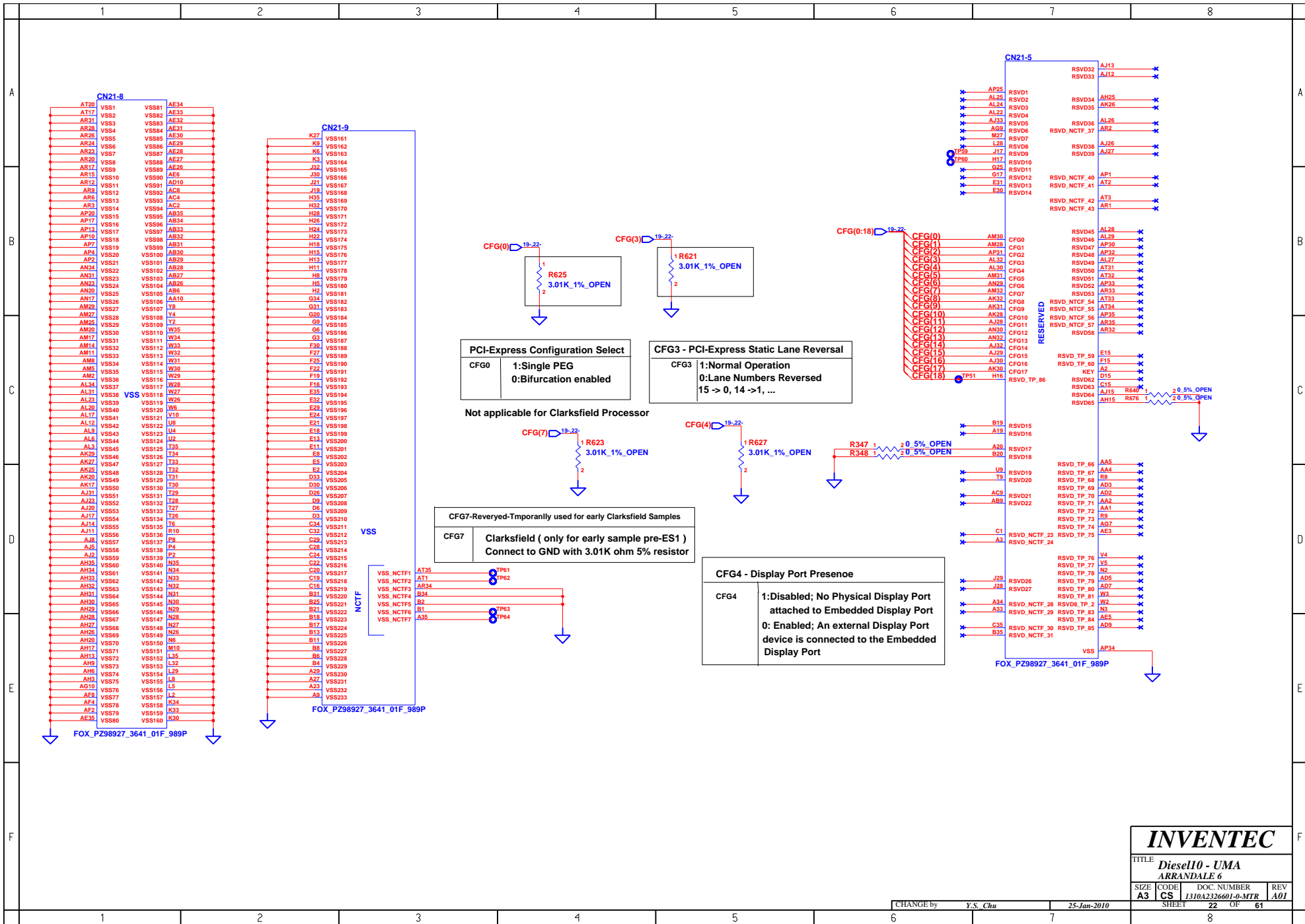
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ARRANDALE 4

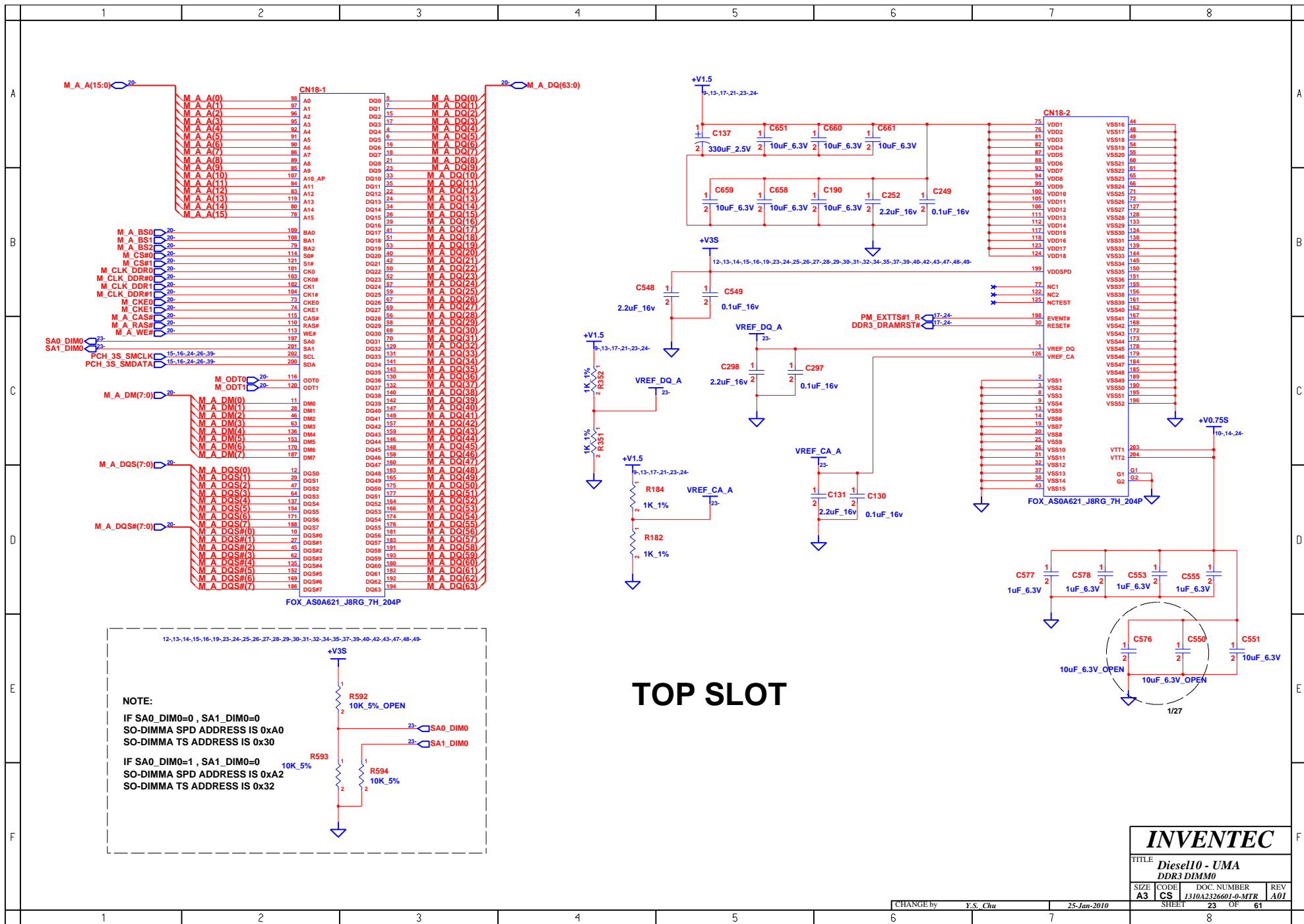
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A3	CS	1310A232601-0-MTR	A01



INVENTEC			
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SIZE A3	CODE CS	DOC. NUMBER 1310A2326001-p-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
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INVENTEC			
TITLE Diesel10 - UMA ARRANDALE 6			
SIZE A3	CODE CS	DOC. NUMBER 1310A2326601-0-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
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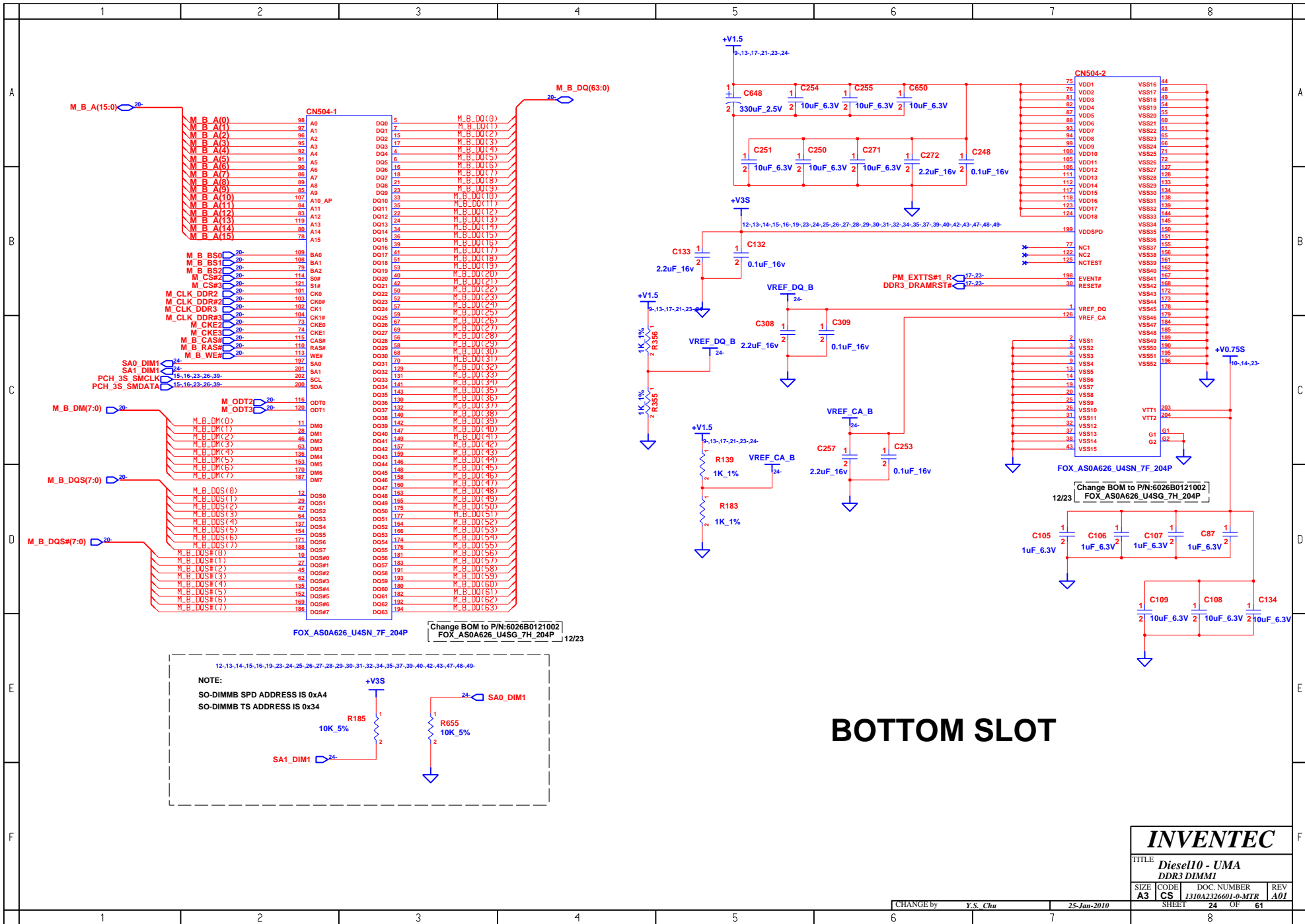
NOTE:

IF SA0_DIM0=0, SA1_DIM0=0
 SO-DIMMA SPD ADDRESS IS 0xA0
 SO-DIMMA TS ADDRESS IS 0x30

IF SA0_DIM0=1, SA1_DIM0=0
 SO-DIMMA SPD ADDRESS IS 0xA2
 SO-DIMMA TS ADDRESS IS 0x32

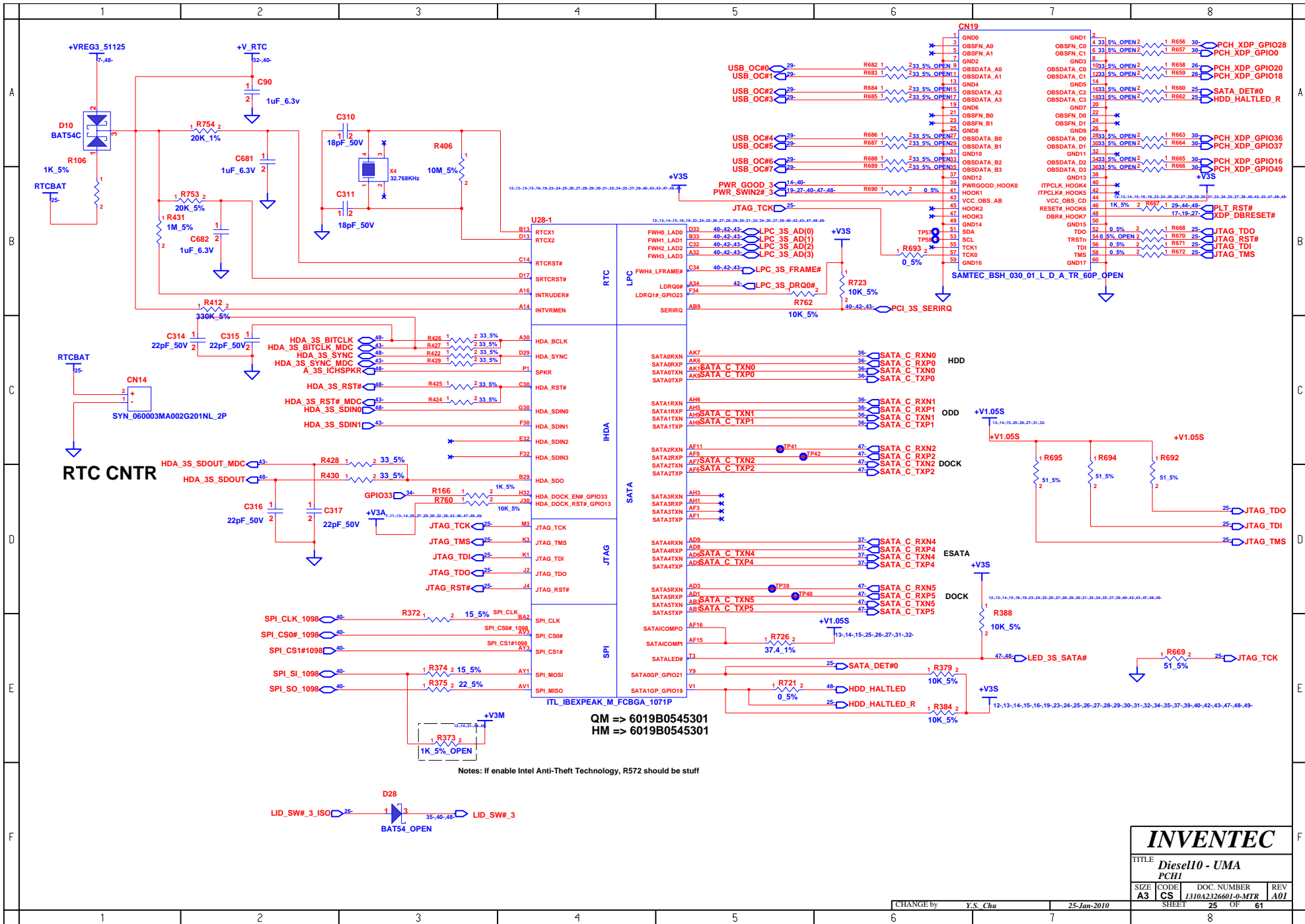
TOP SLOT

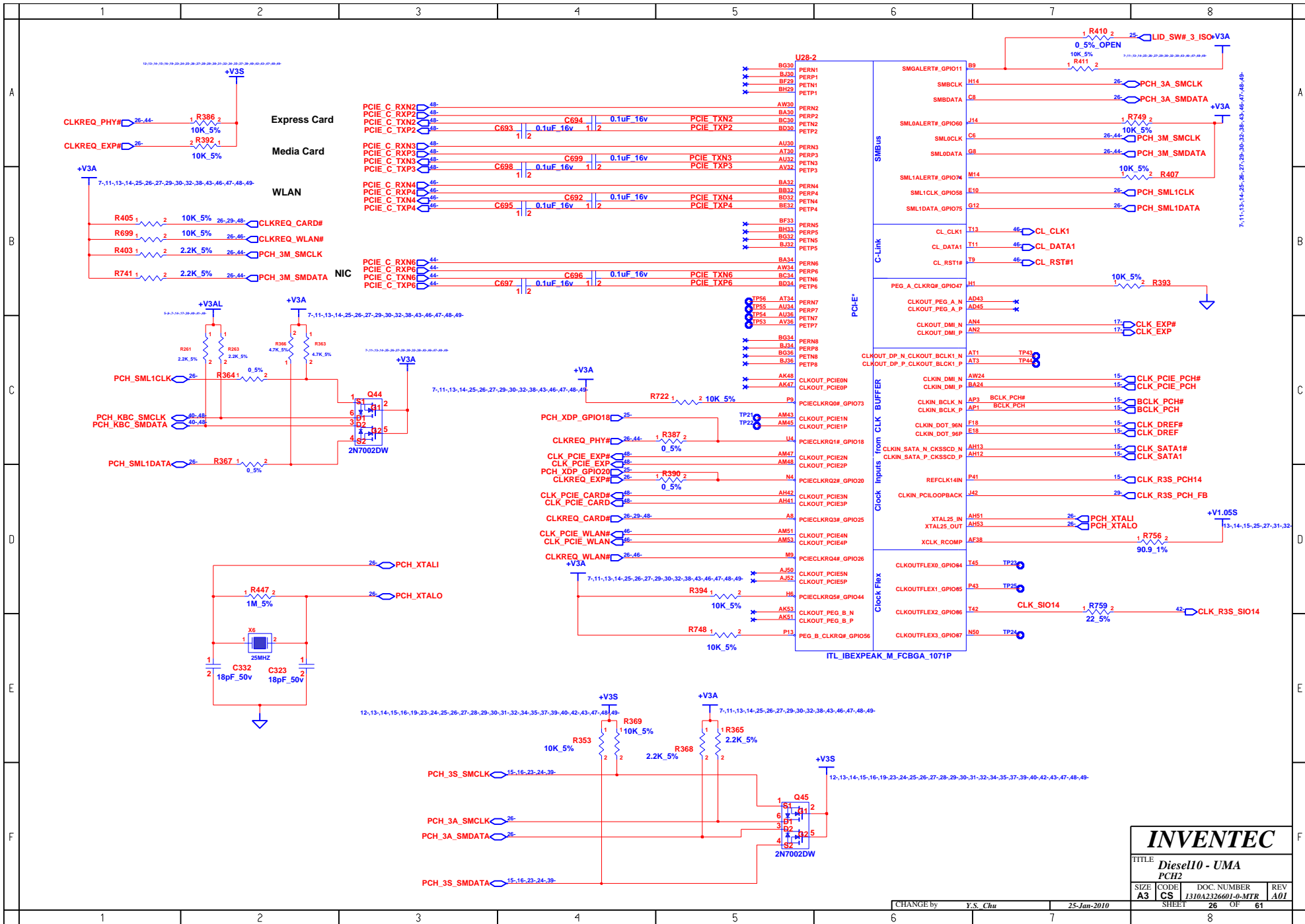
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CHANGE by Y.S. Chu		25-Jan-2010	
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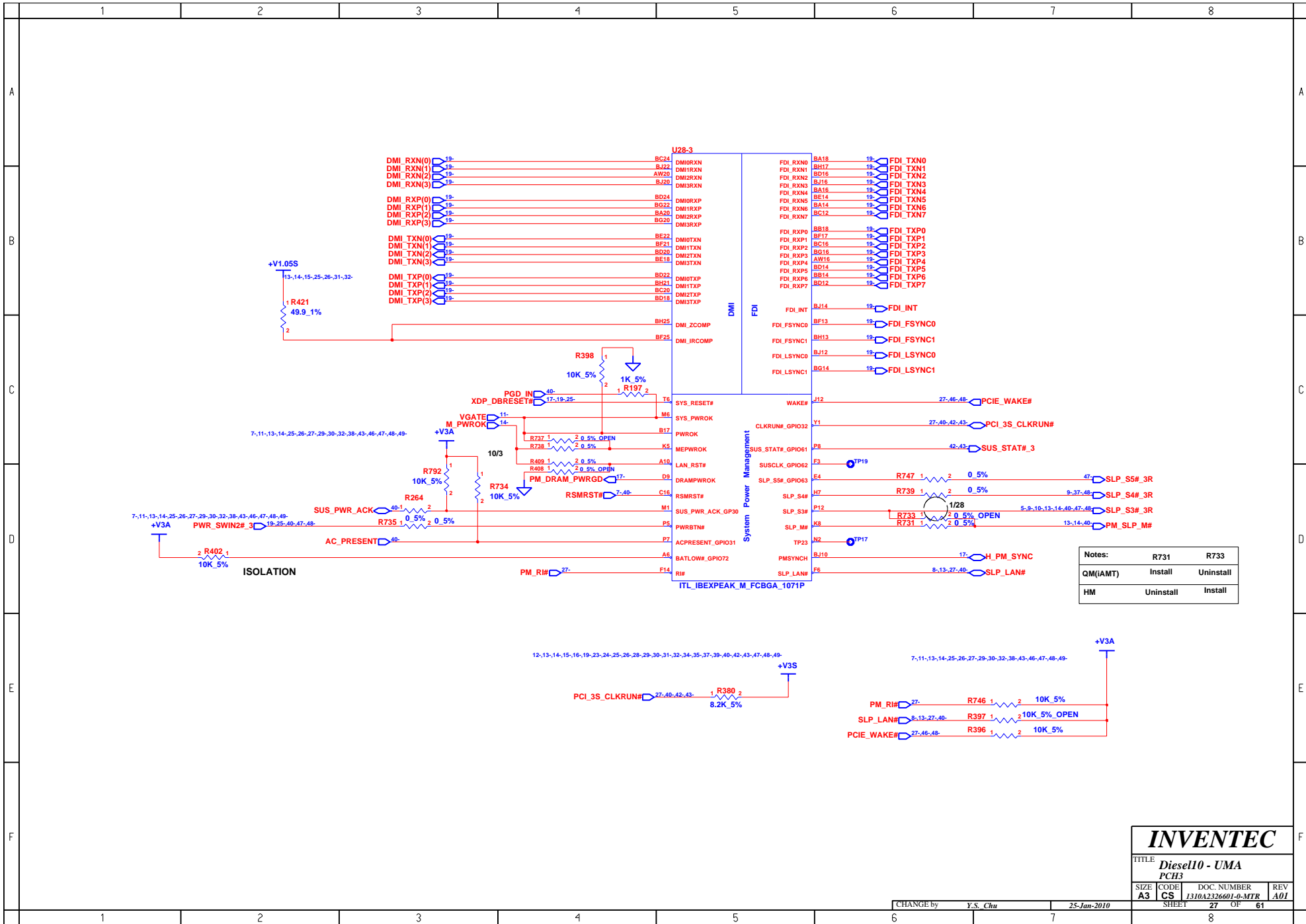
BOTTOM SLOT

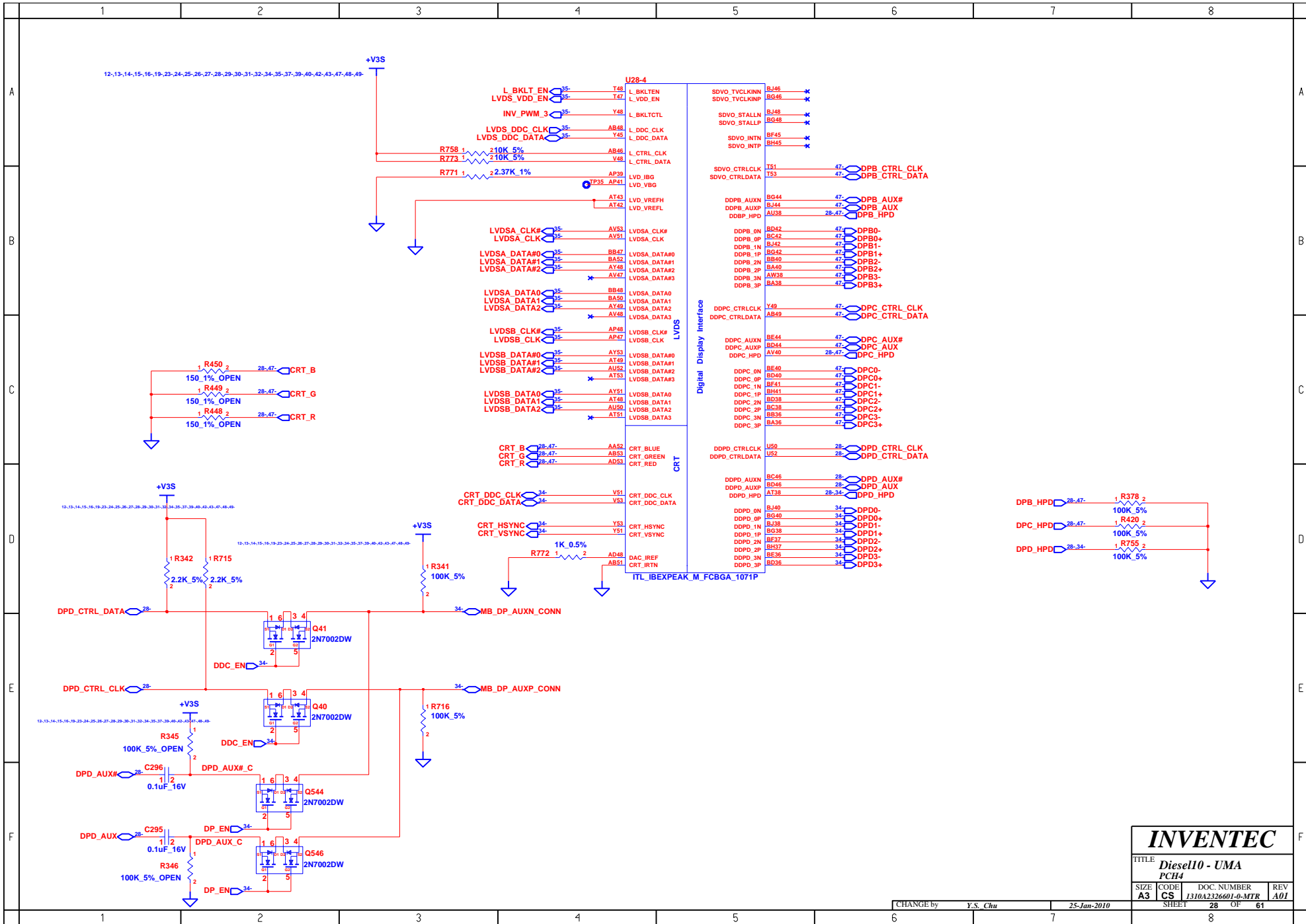
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CHANGE by Y.S. Chu		25-Jan-2010	
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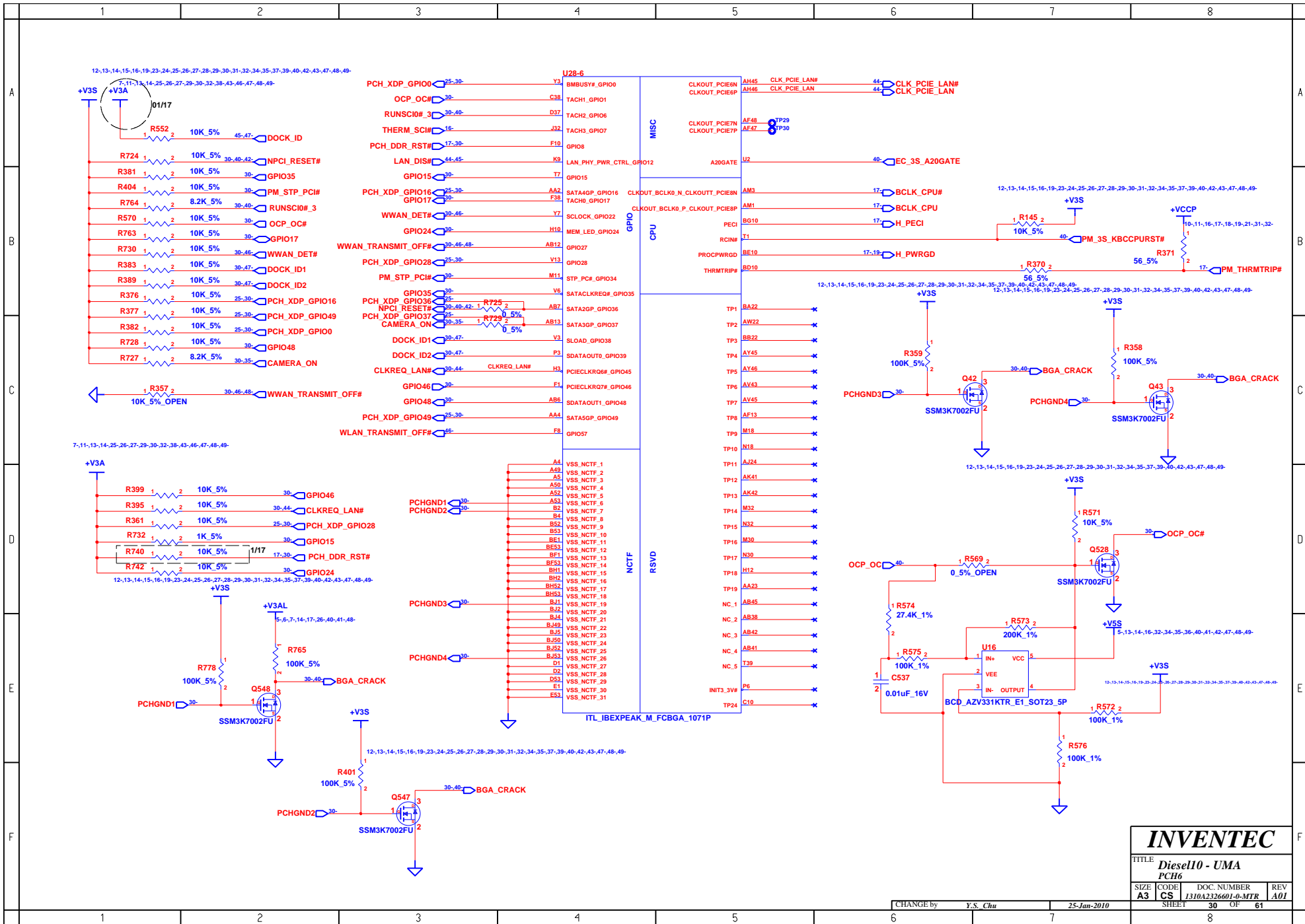




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CHANGE by Y.S. Chu		25-Jan-2010	
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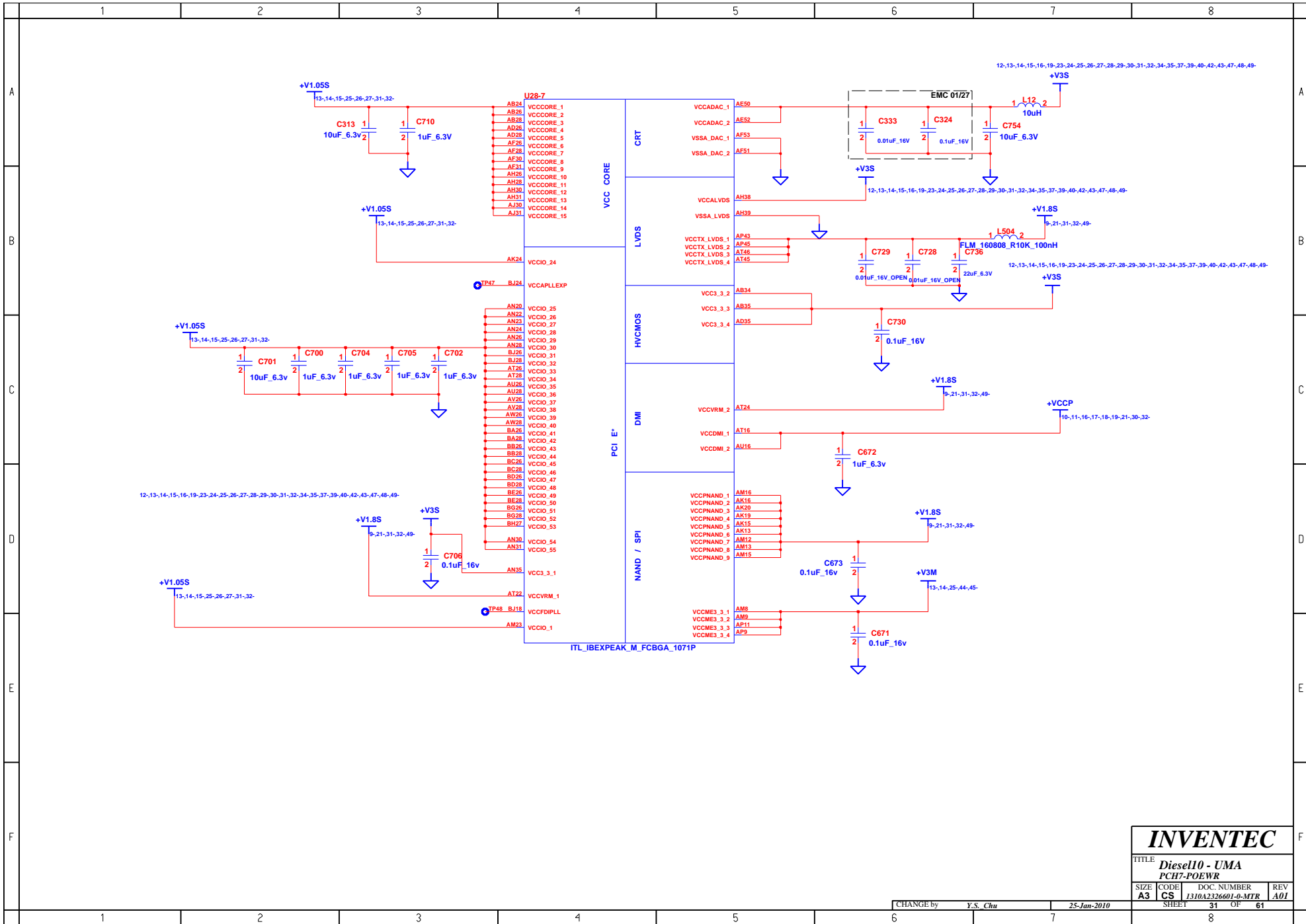
INVENTEC

TITLE: Diesel10 - UMA
PCH6

SIZE	CODE	DOC. NUMBER	REV
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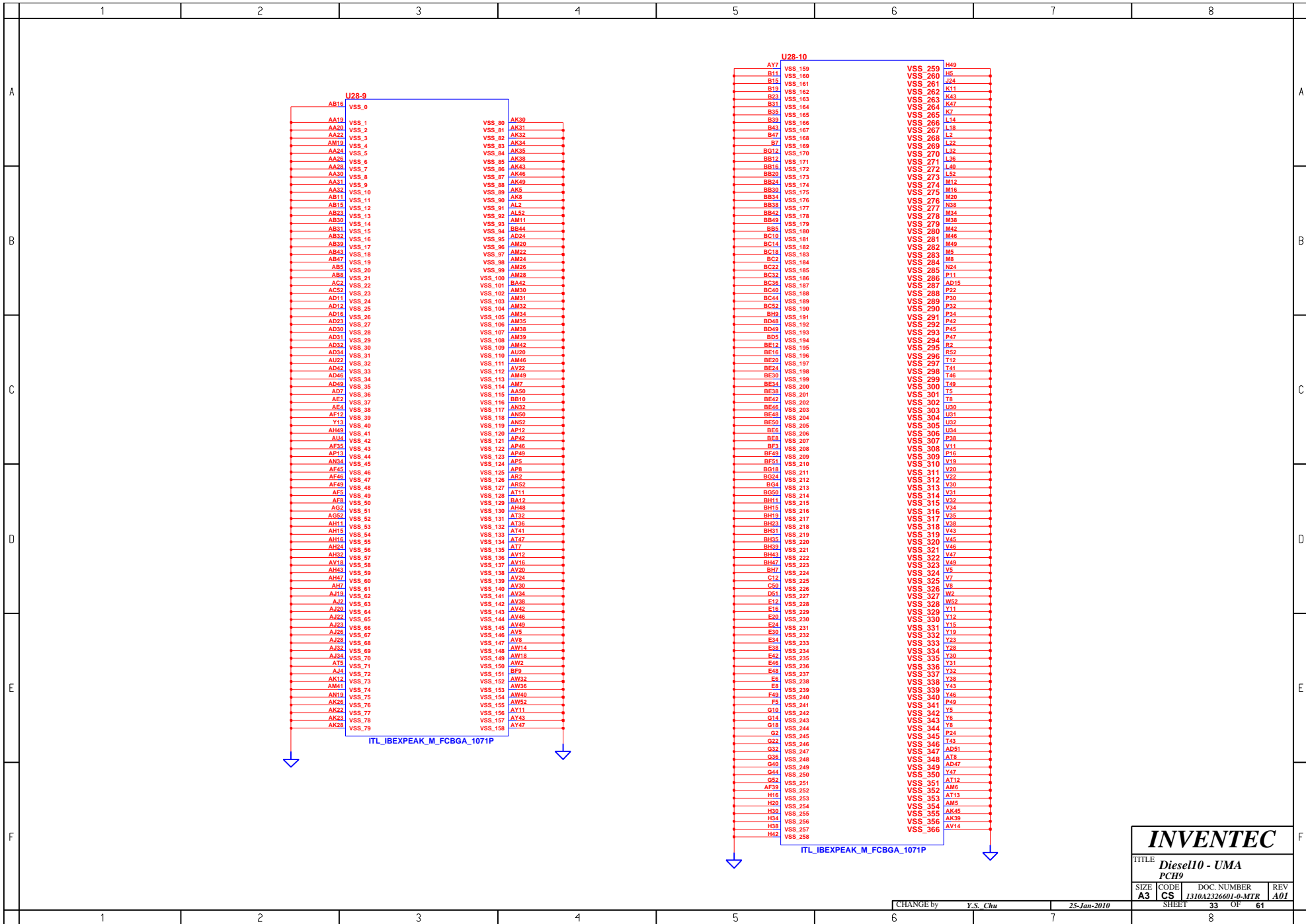
CHANGE by Y.S. Chu 25-Jan-2010

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INVENTEC			
TITLE Diesel10 - UMA PCH7-POEWR			
SIZE A3	CODE CS	DOC. NUMBER 1310A2326601-0-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
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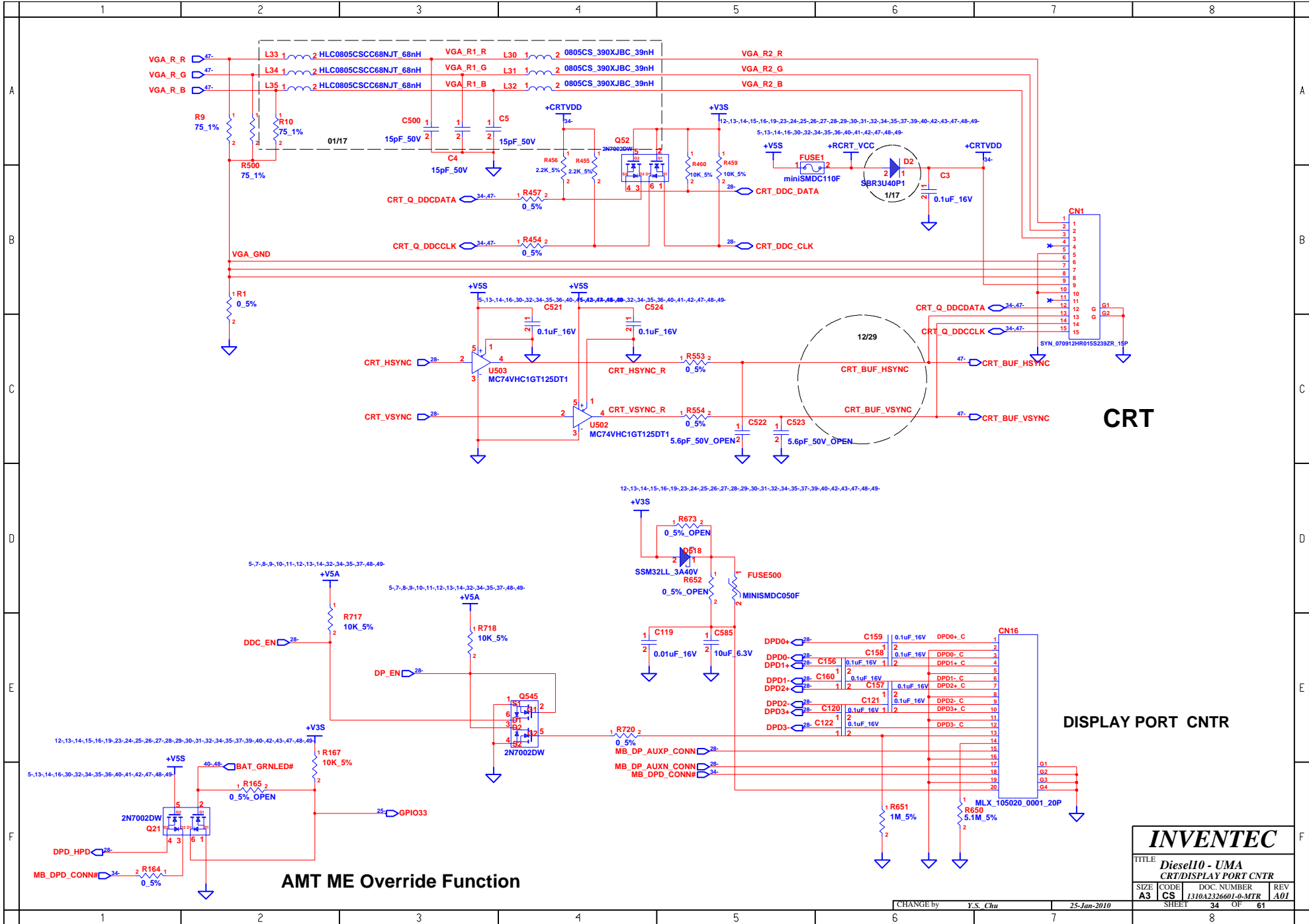


INVENTEC

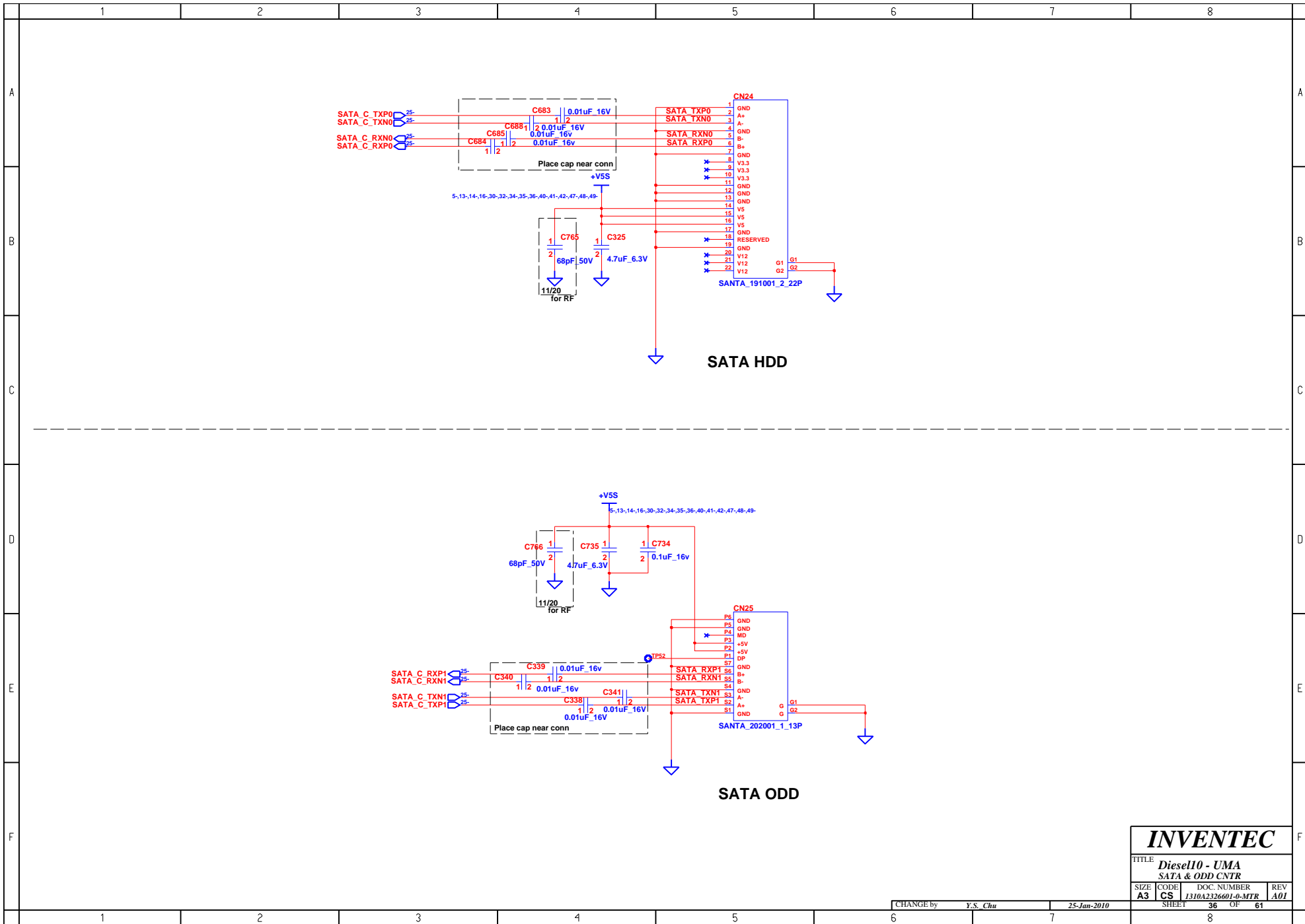
TITLE: Diesel10 - UMA
PCH9

SIZE A3	CODE CS	DOC. NUMBER 1310A232601-0-MTR	REV A01
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INVENTEC			
TITLE Diesel10 - UMA CRT/DISPLAY PORT CNTR			
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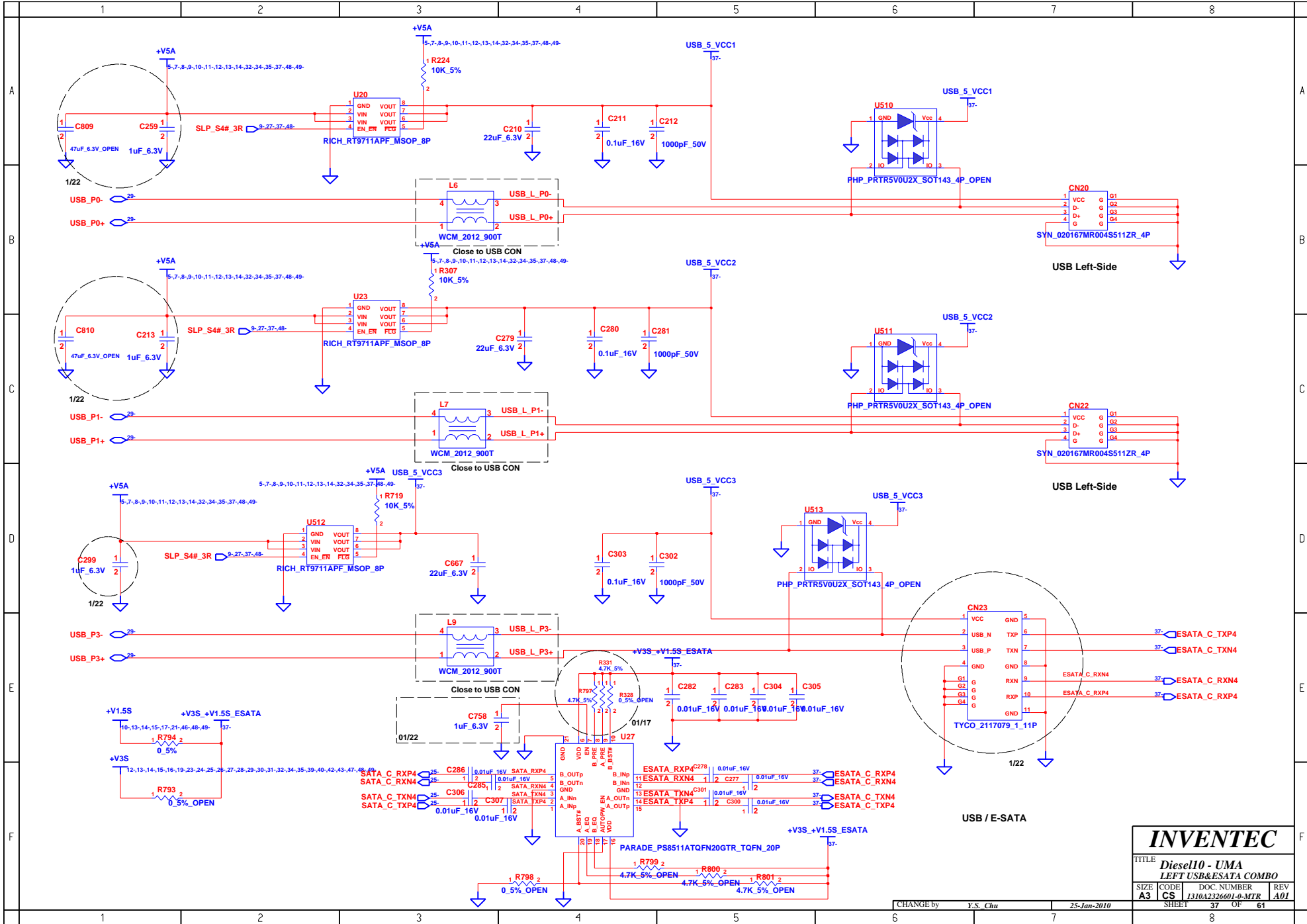
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TITLE Diesel10 - UMA
SATA & ODD CNTR

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CHANGE by Y.S. Chu 25-Jan-2010

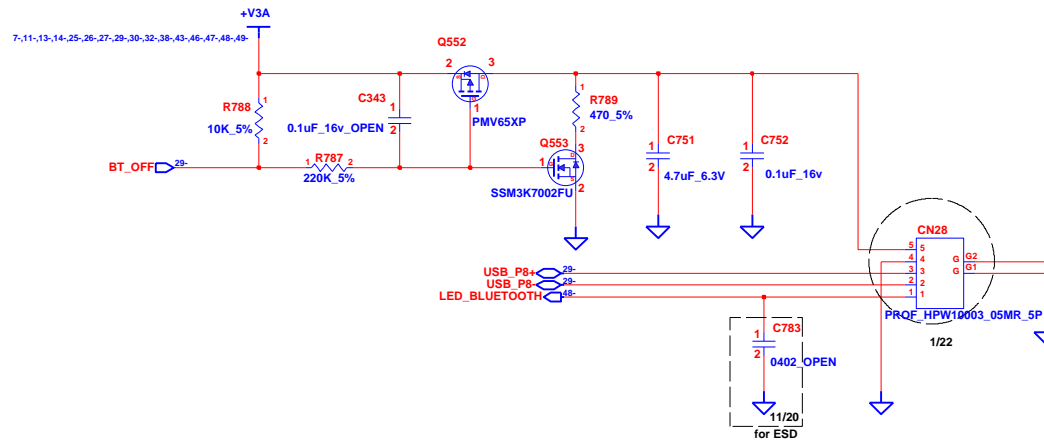
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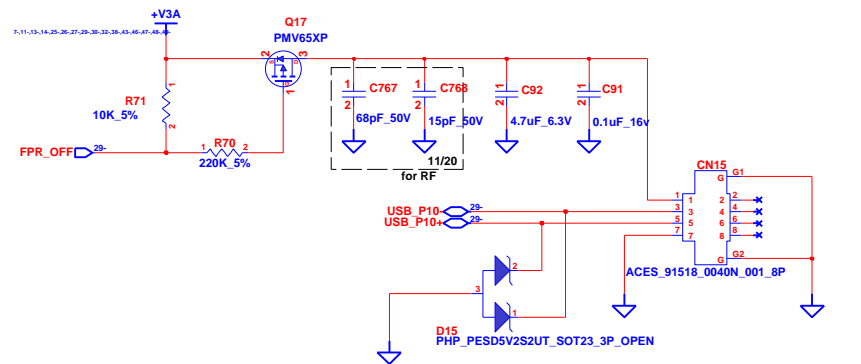
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CHANGE by Y.S. Chu 25-Jan-2010

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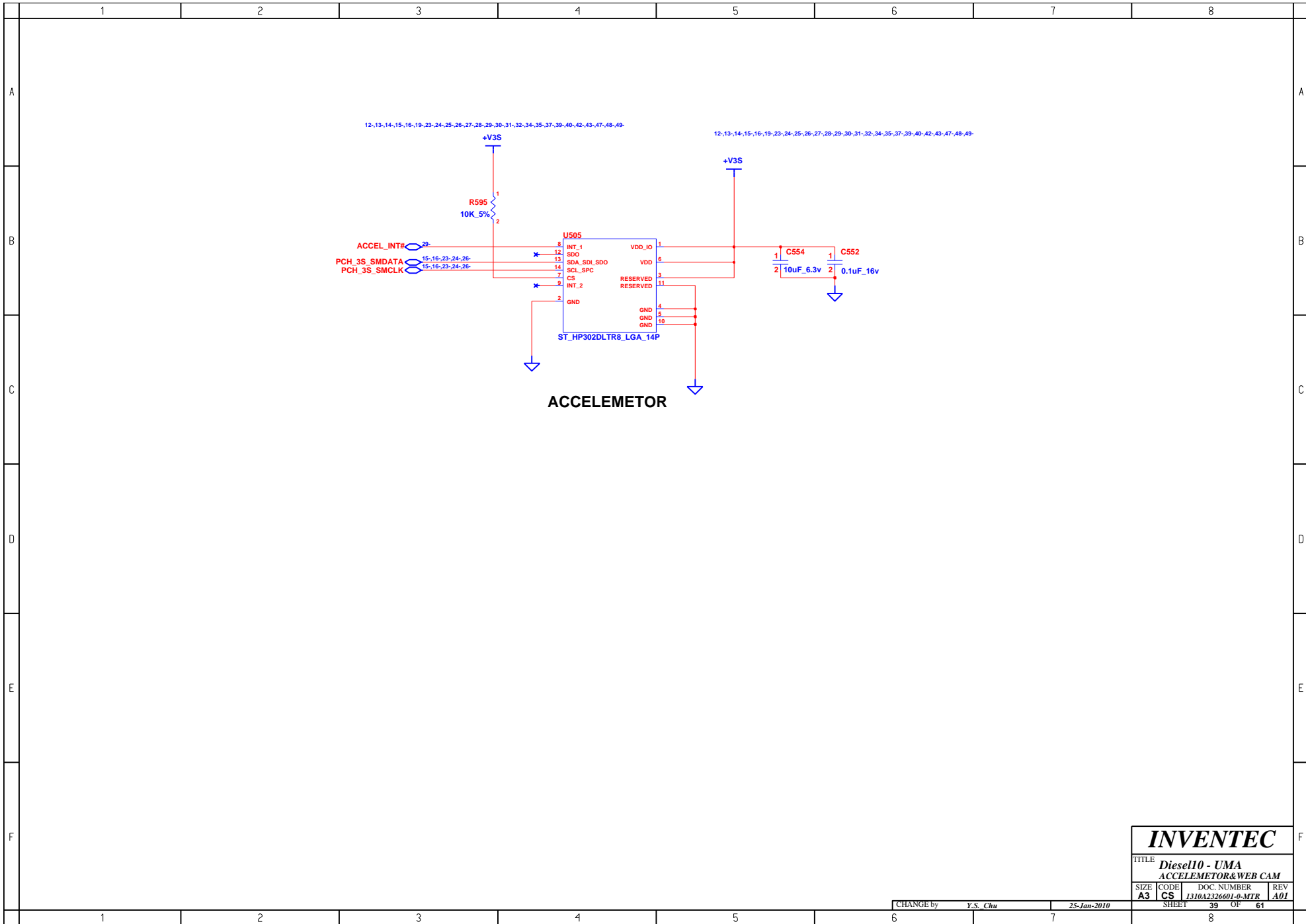


BLUETOOTH



FINGER PRINTER CNTR

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BLUETOOTH&FINGER PRINTER			
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CHANGE by Y.S. Chu		25-Jan-2010	SHEET 38 OF 61



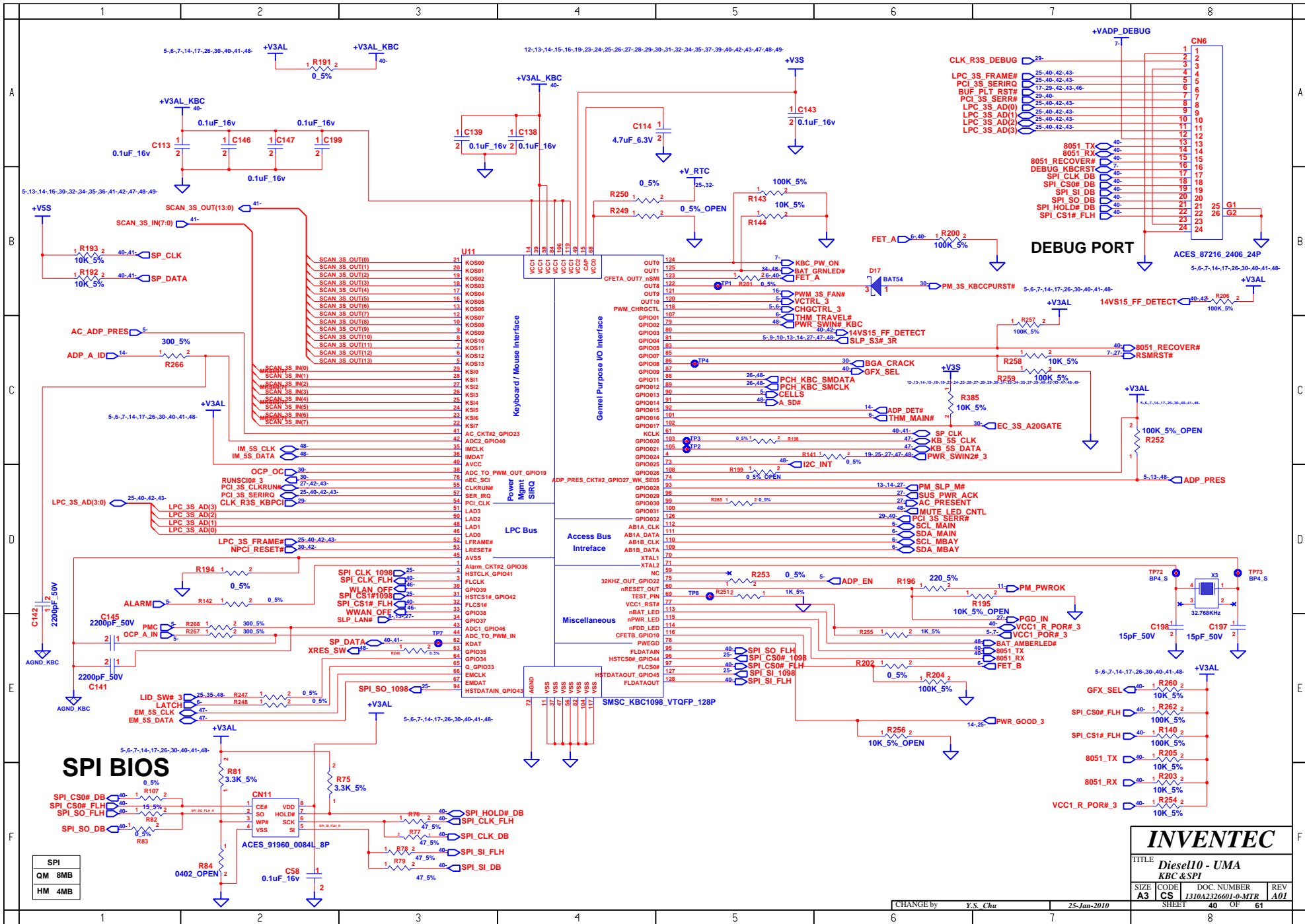
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ACCELEMETOR&WEB CAM**

SIZE A3	CODE CS	DOC. NUMBER 1310A2326601-0-MTR	REV A01
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CHANGE by **Y.S. Chu** 25-Jan-2010

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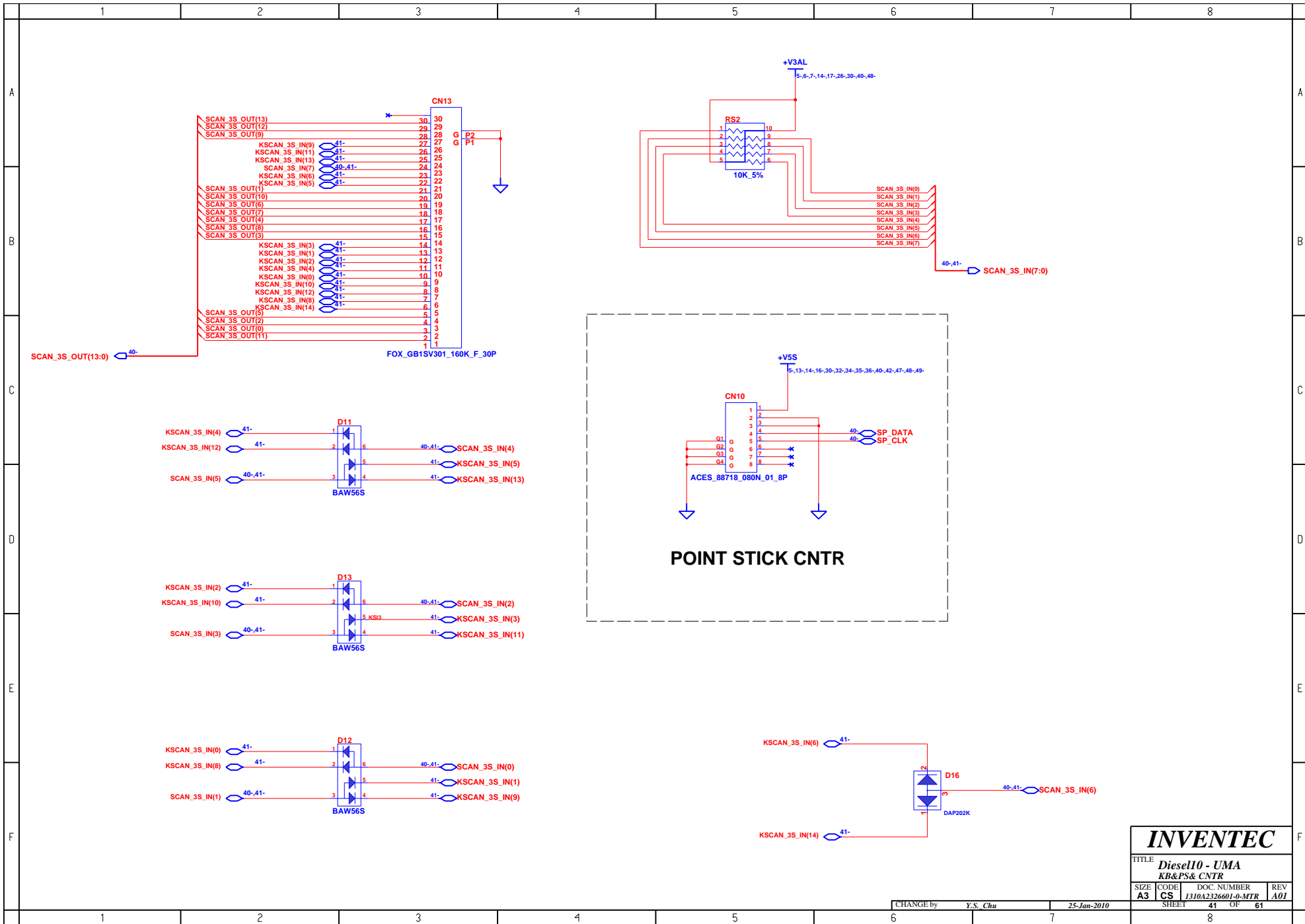


SPI	
QM	8MB
HM	4MB

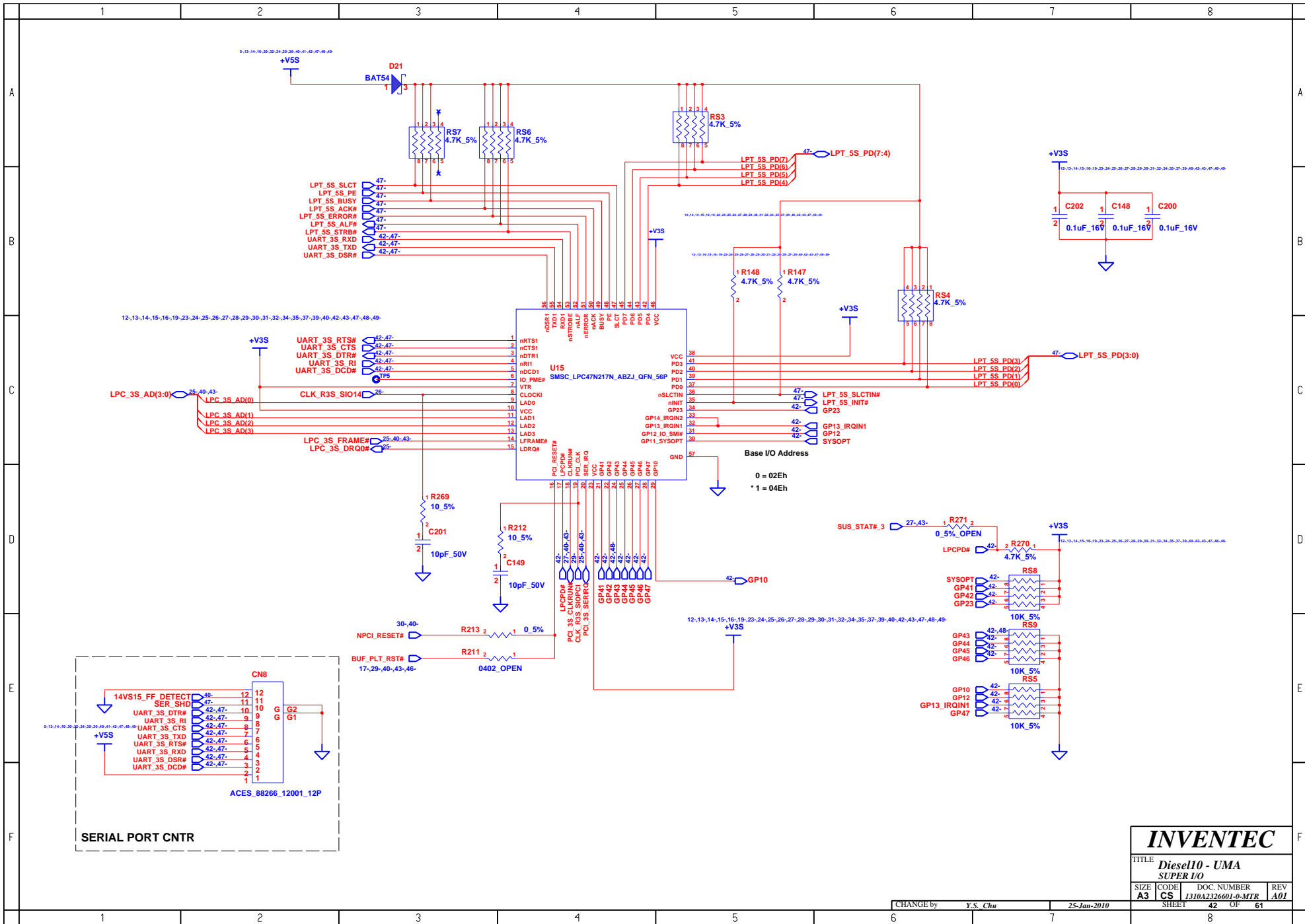
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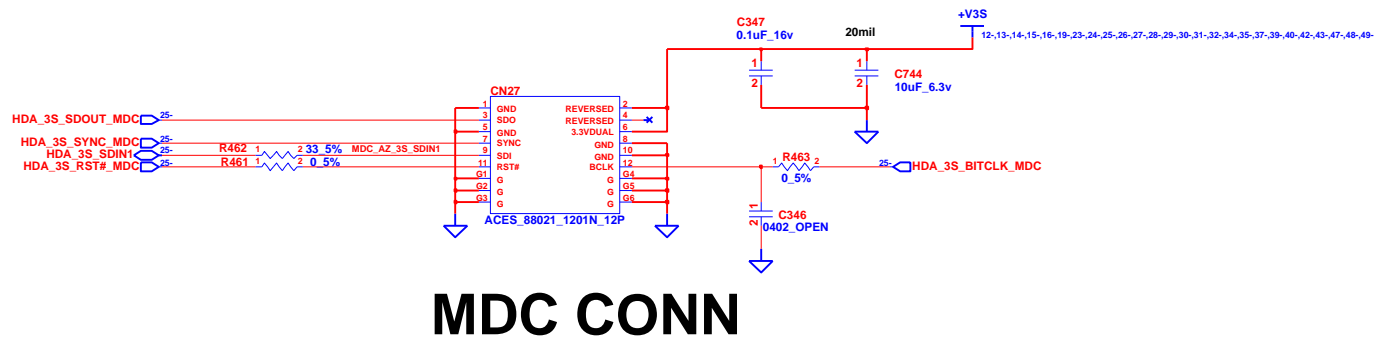
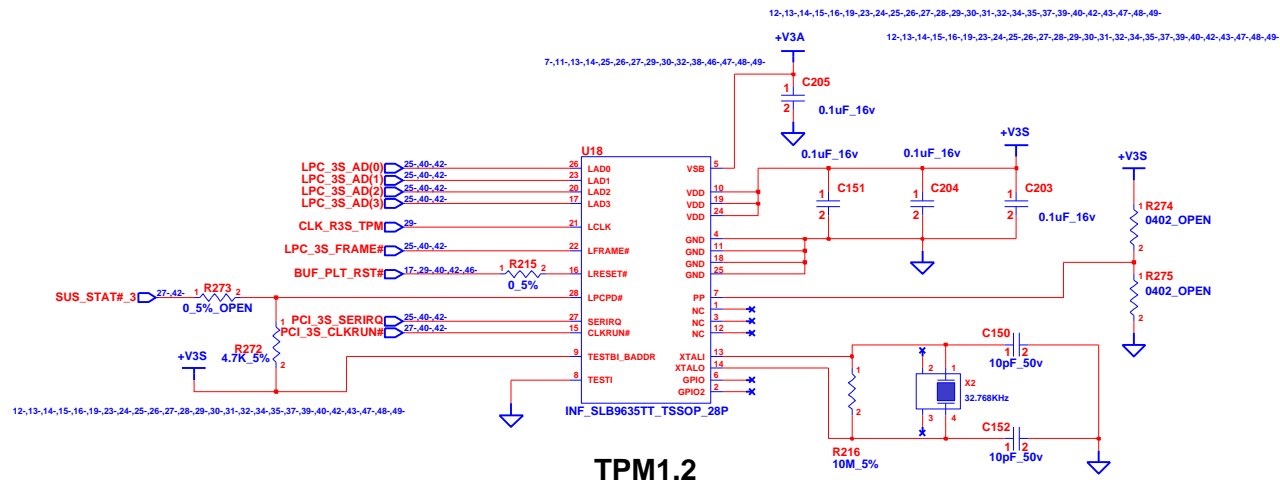
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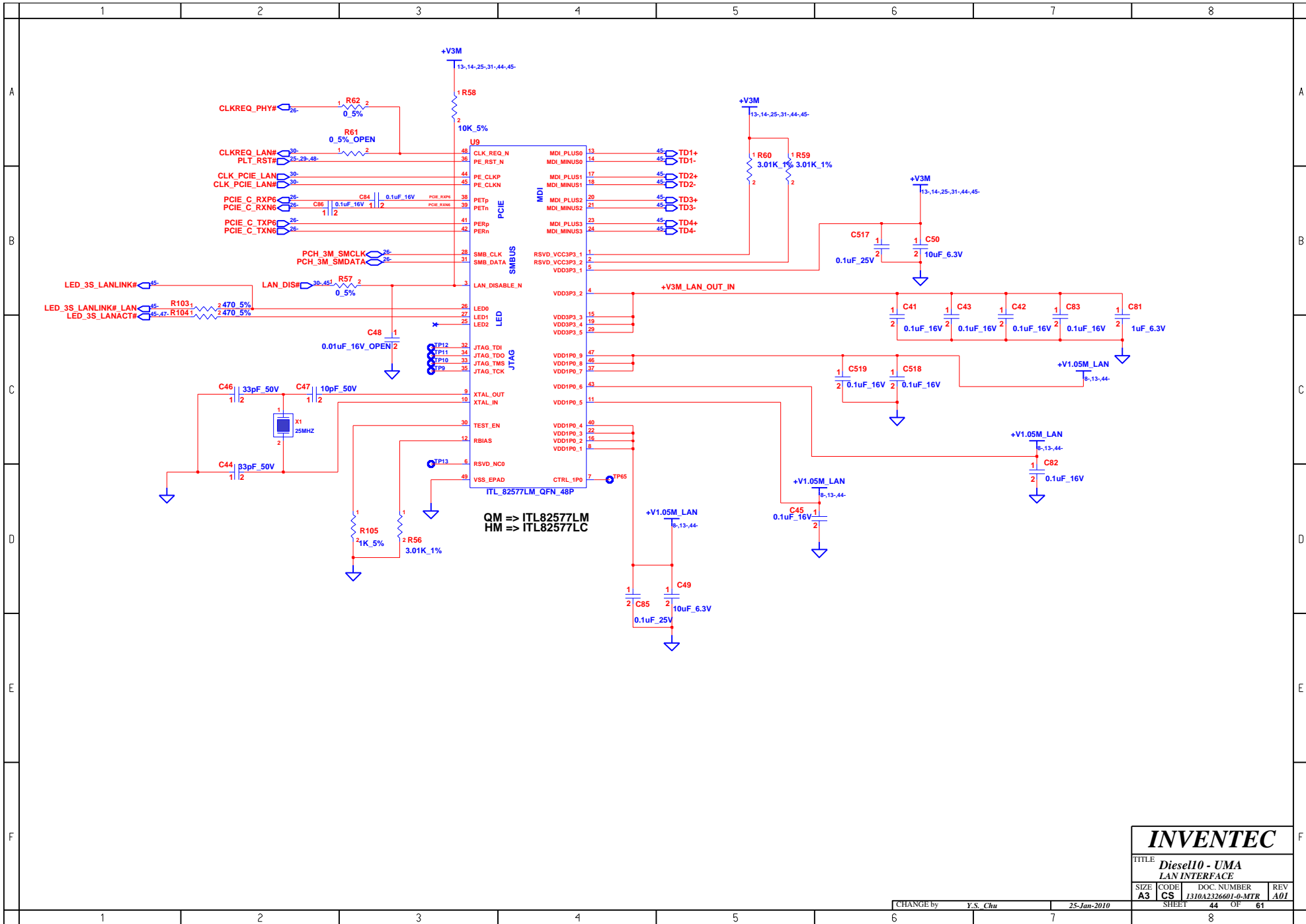
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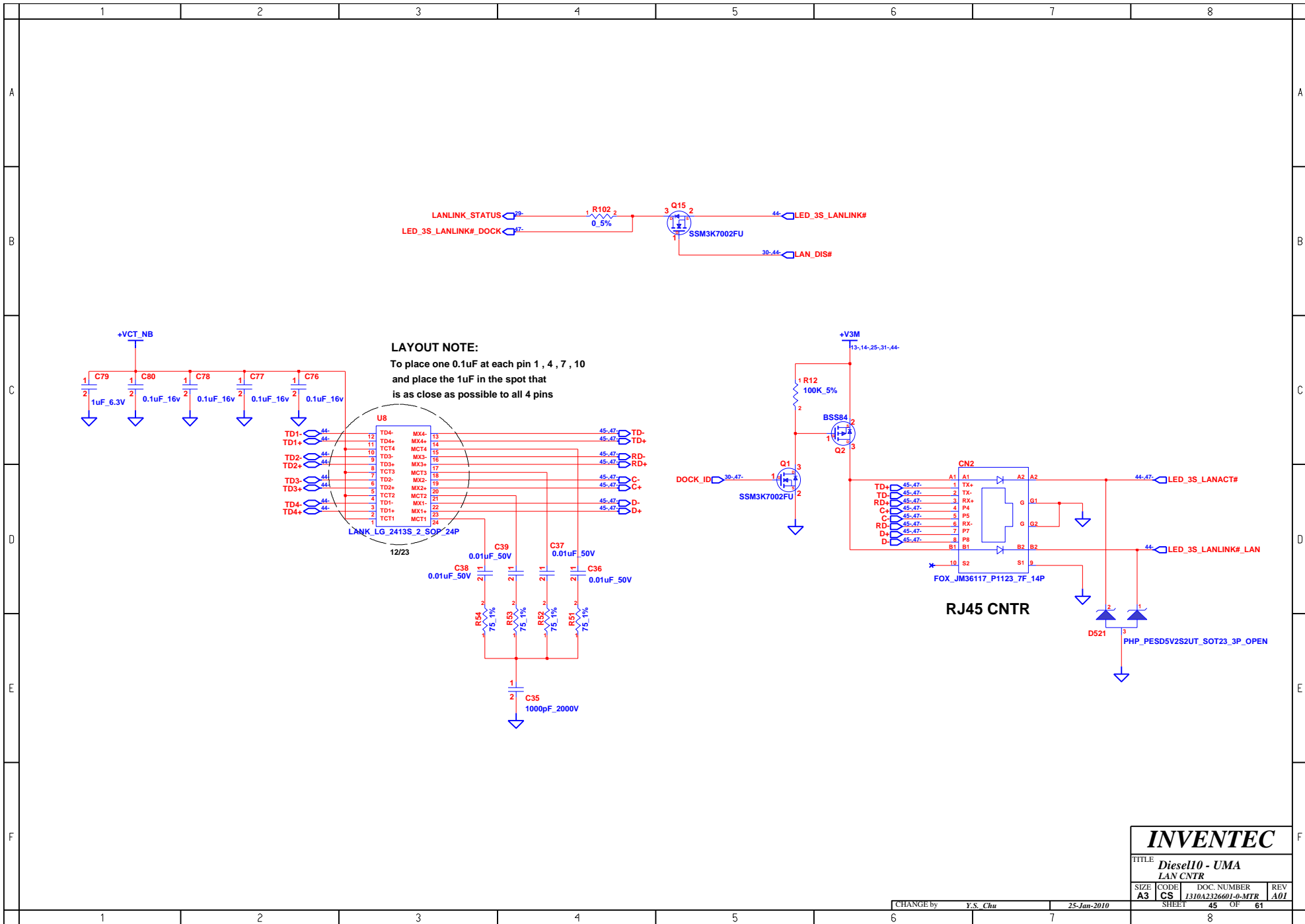
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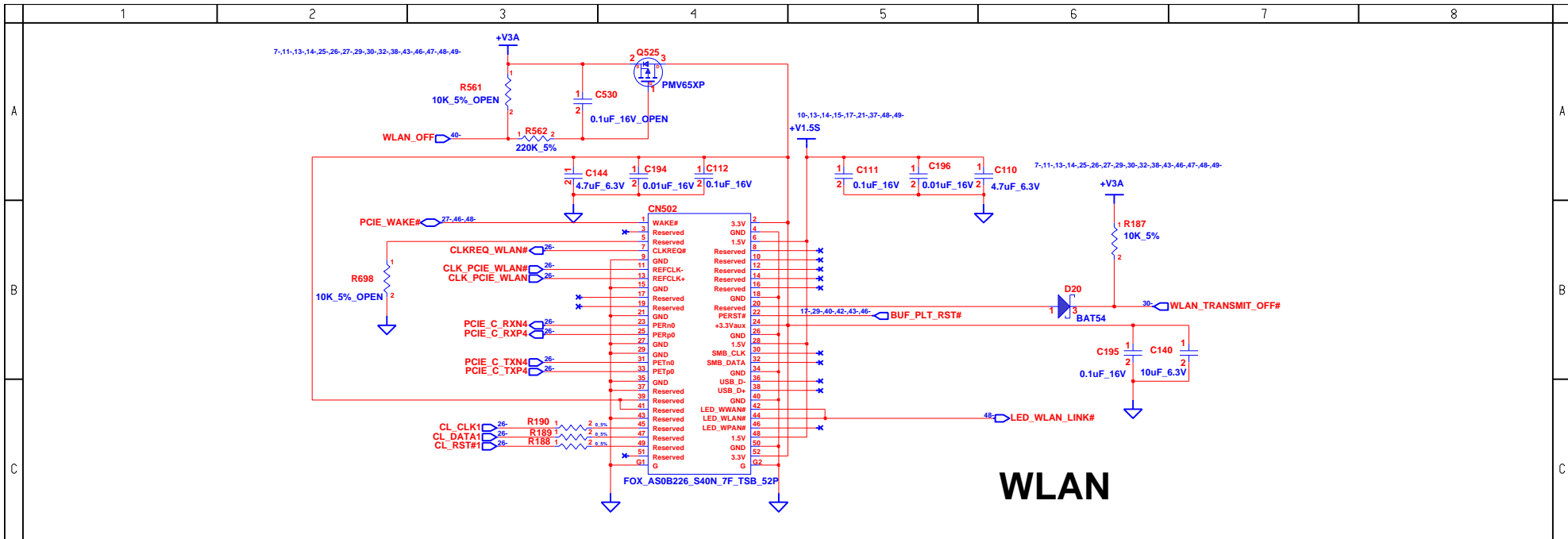
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CHANGE by <i>Y.S. Chu</i>		25-Jan-2010	
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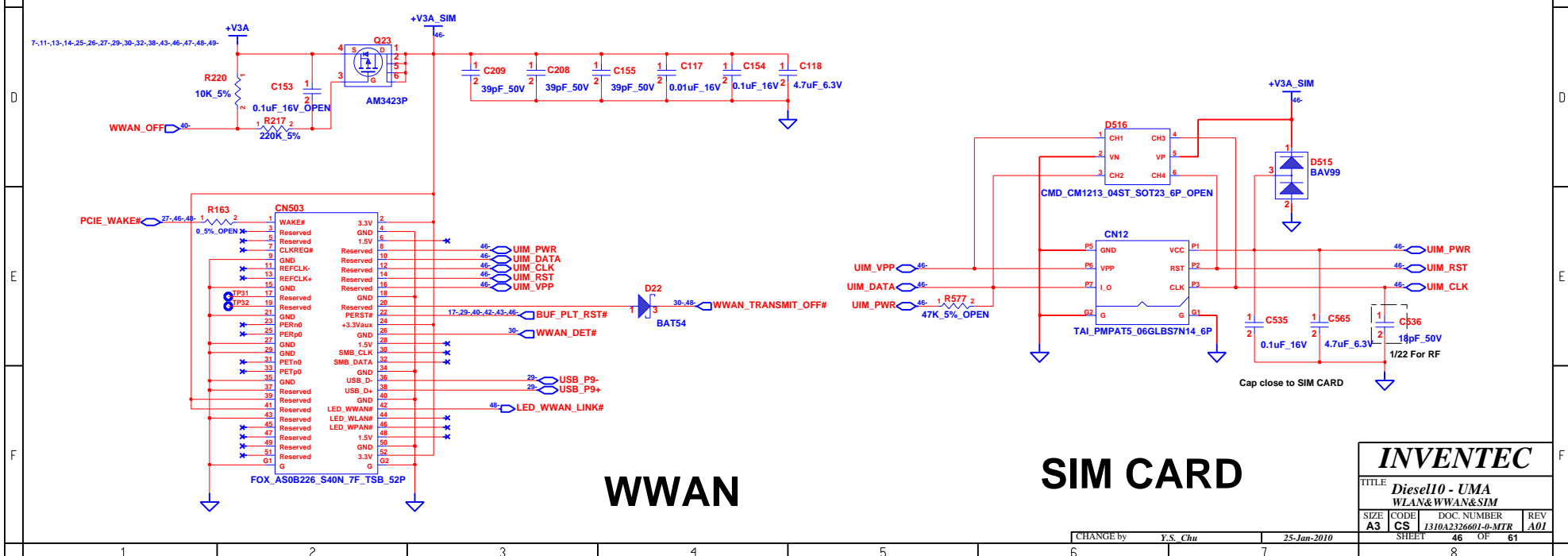
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CHANGE by Y.S. Chu		25-Jan-2010	
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INVENTEC			
TITLE Diesel10 - UMA LAN CNTR			
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CHANGE by Y.S. Chu		25-Jan-2010	
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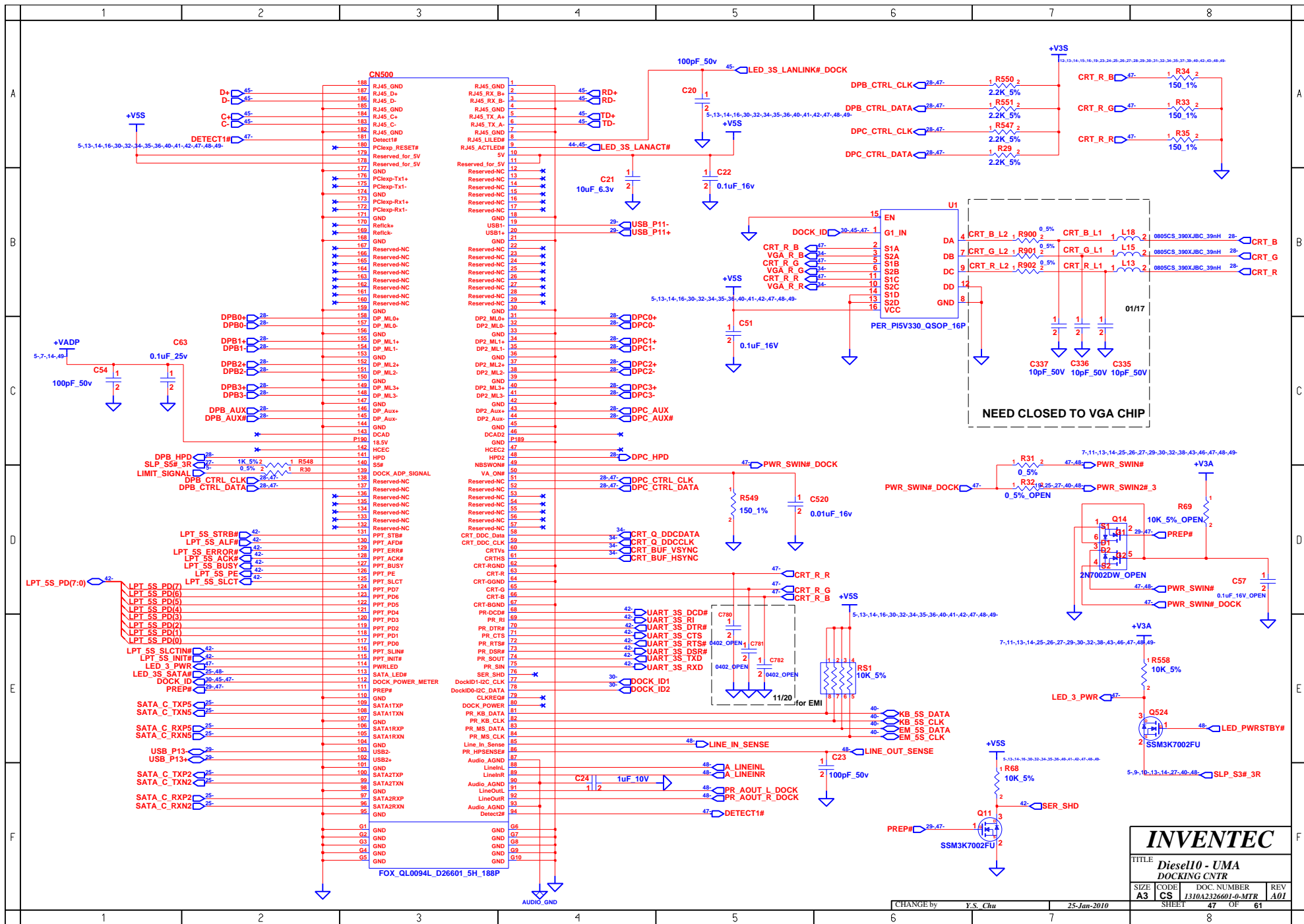
WLAN



WWAN

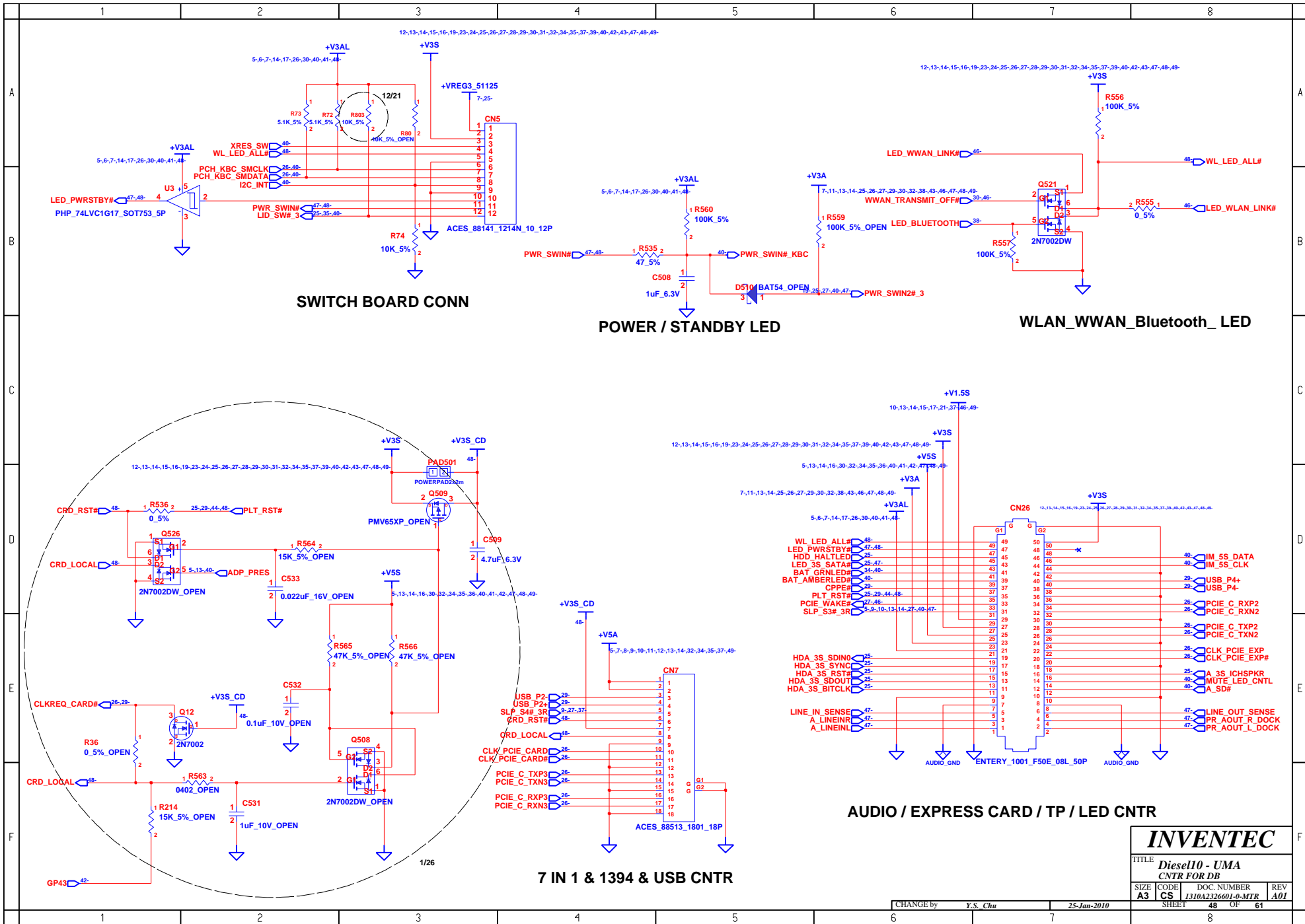
SIM CARD

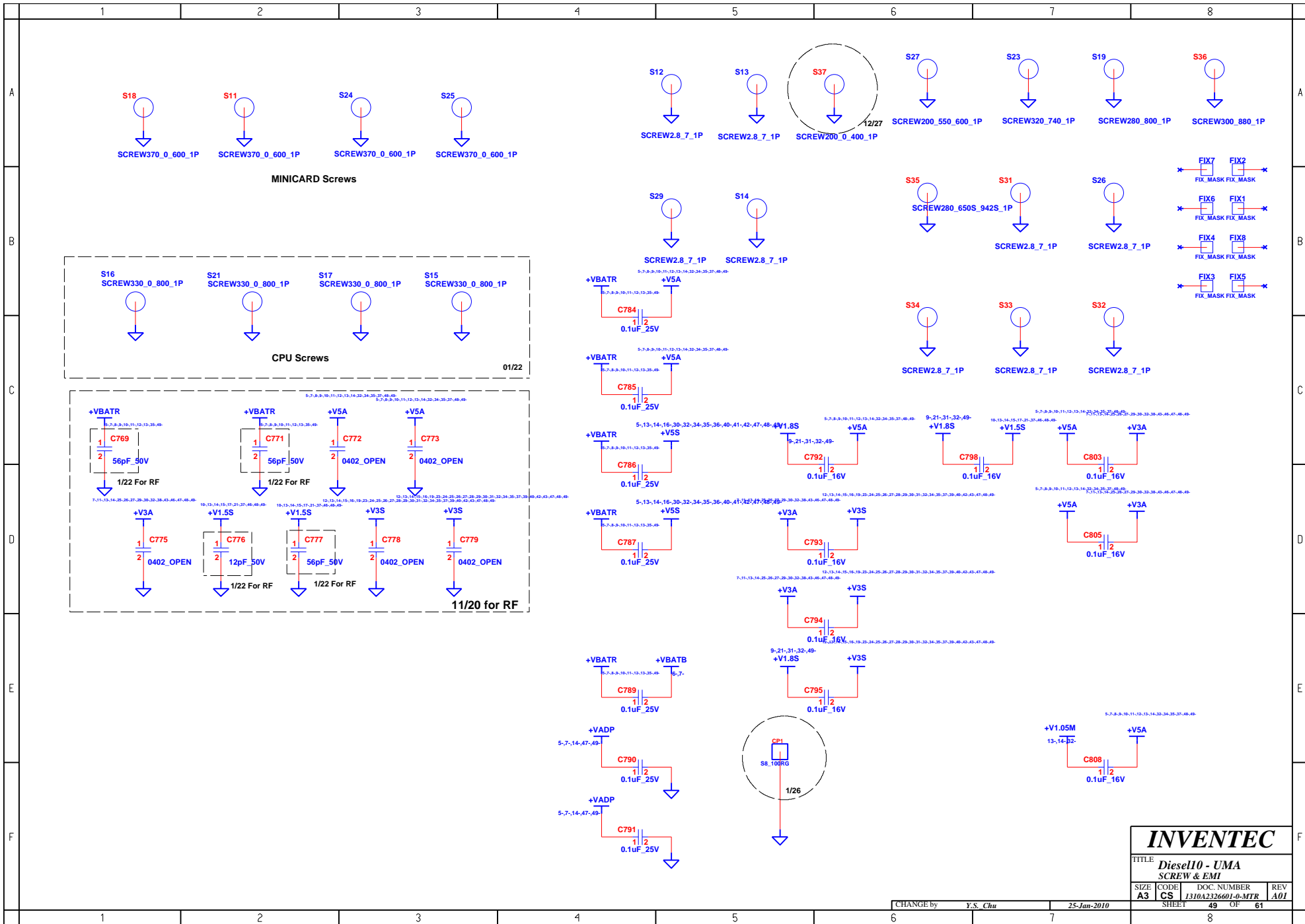
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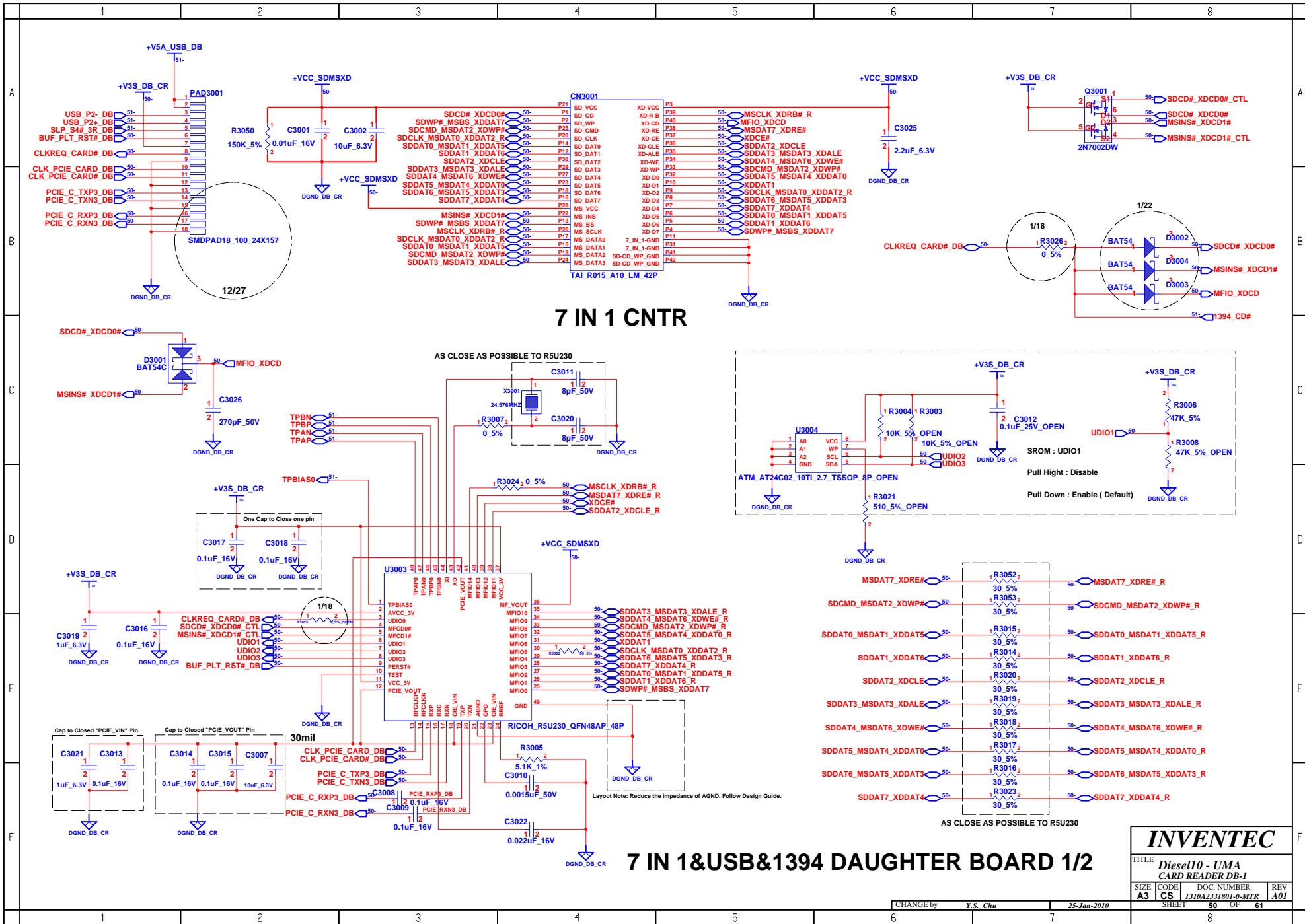


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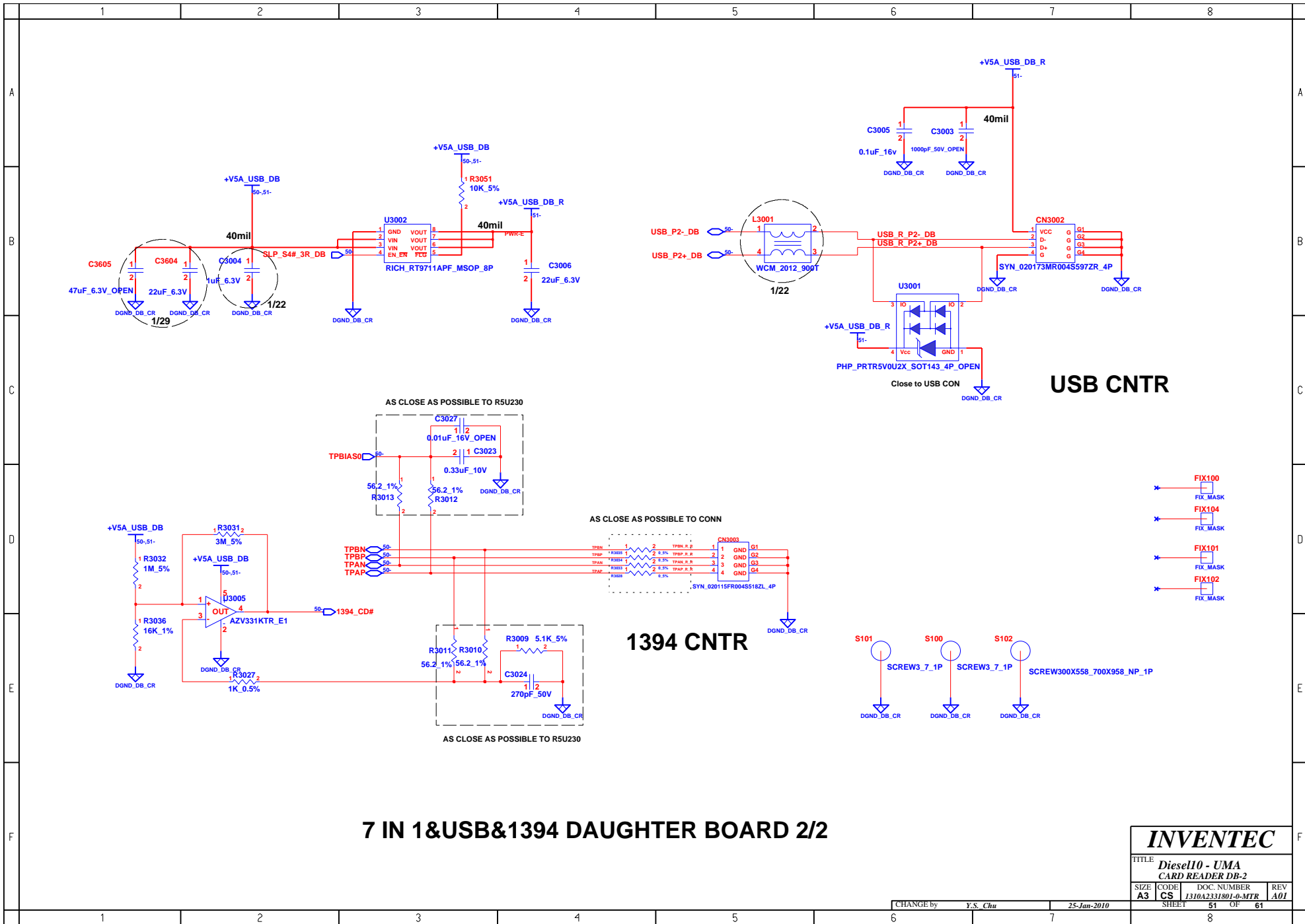


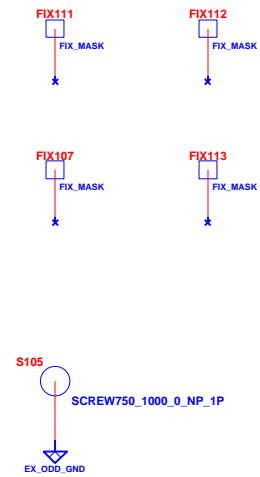
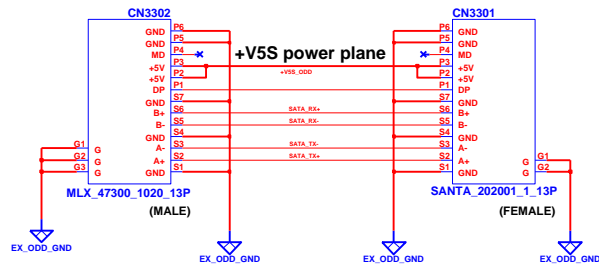


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INVENTEC			
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CHANGE by: Y.S. Chu 25-Jan-2010



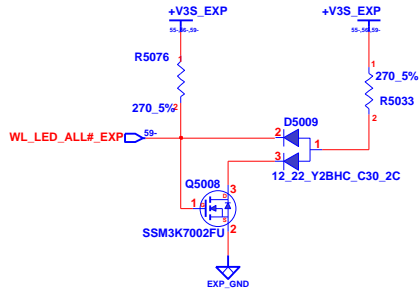


15" only

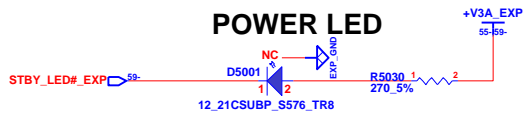
ODD Extension Board

INVENTEC			
TITLE <i>Diesel10 - UMA ODD DB</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>1310A231701-p-MTR</i>	REV A01
CHANGE by <i>Y.S. Chu</i>		DATE <i>25-Jan-2010</i>	
SHEET 52		OF 61	

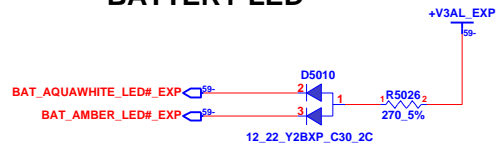
WIRELESS LED



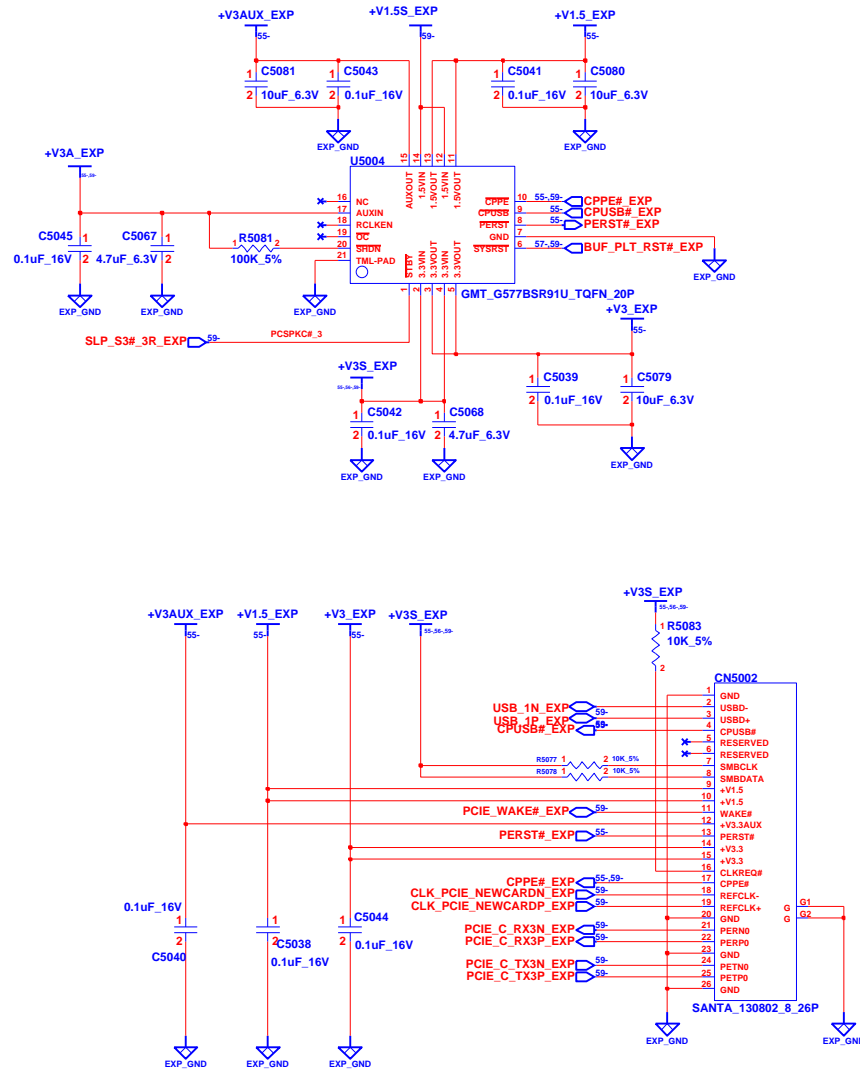
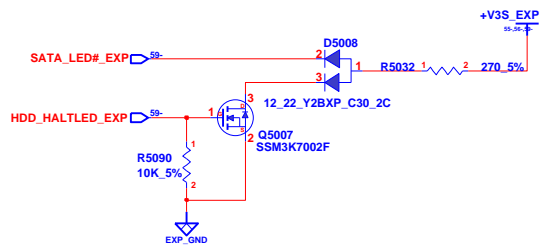
POWER LED



BATTERY LED



SATA LED & HDD-HALTED LED

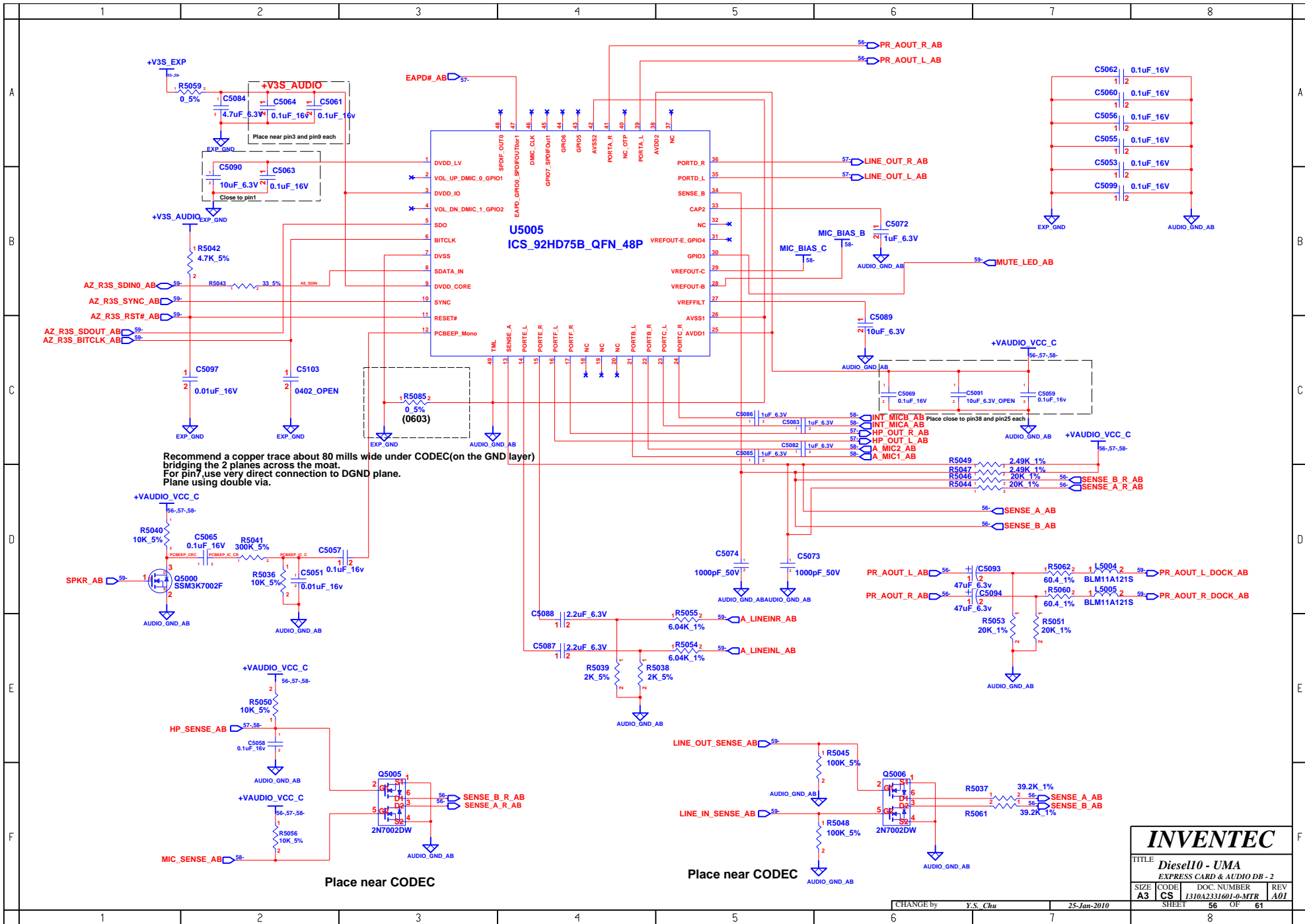


EXPRESS CARD

INVENTEC

TITLE			
Diesel10 - UMA			
EXPRESS CARD & AUDIO DB - 1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A231601-b-MTR	A01
SHEET		55	OF 61

CHANGE by Y.S. Chu 25-Jan-2010



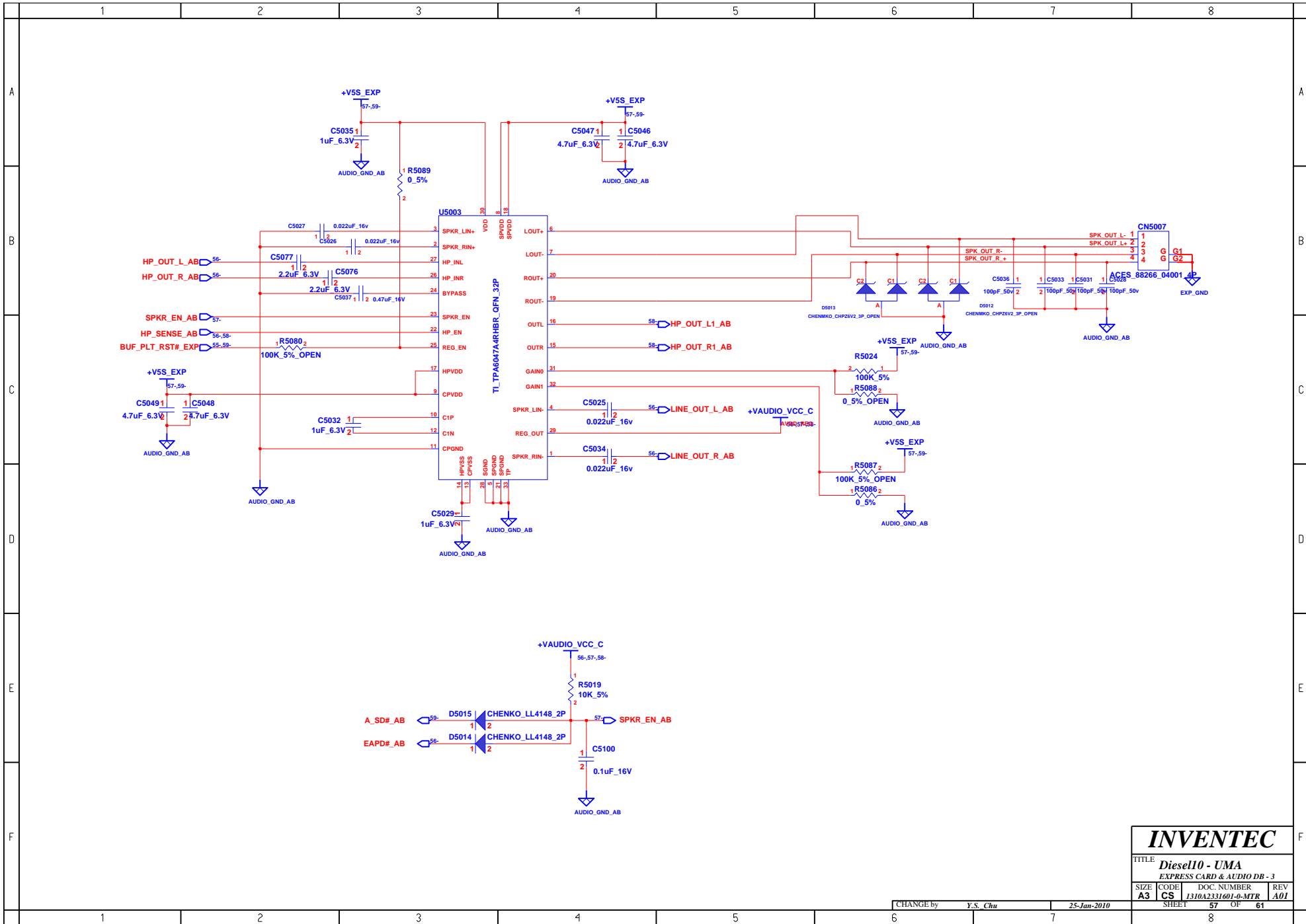
Recommend a copper trace about 80 mills wide under CODEC(on the GND layer) bridging the 2 planes across the moat. For pin7, use very direct connection to DGND plane. Plane using double via.

Place near CODEC

Place near CODEC

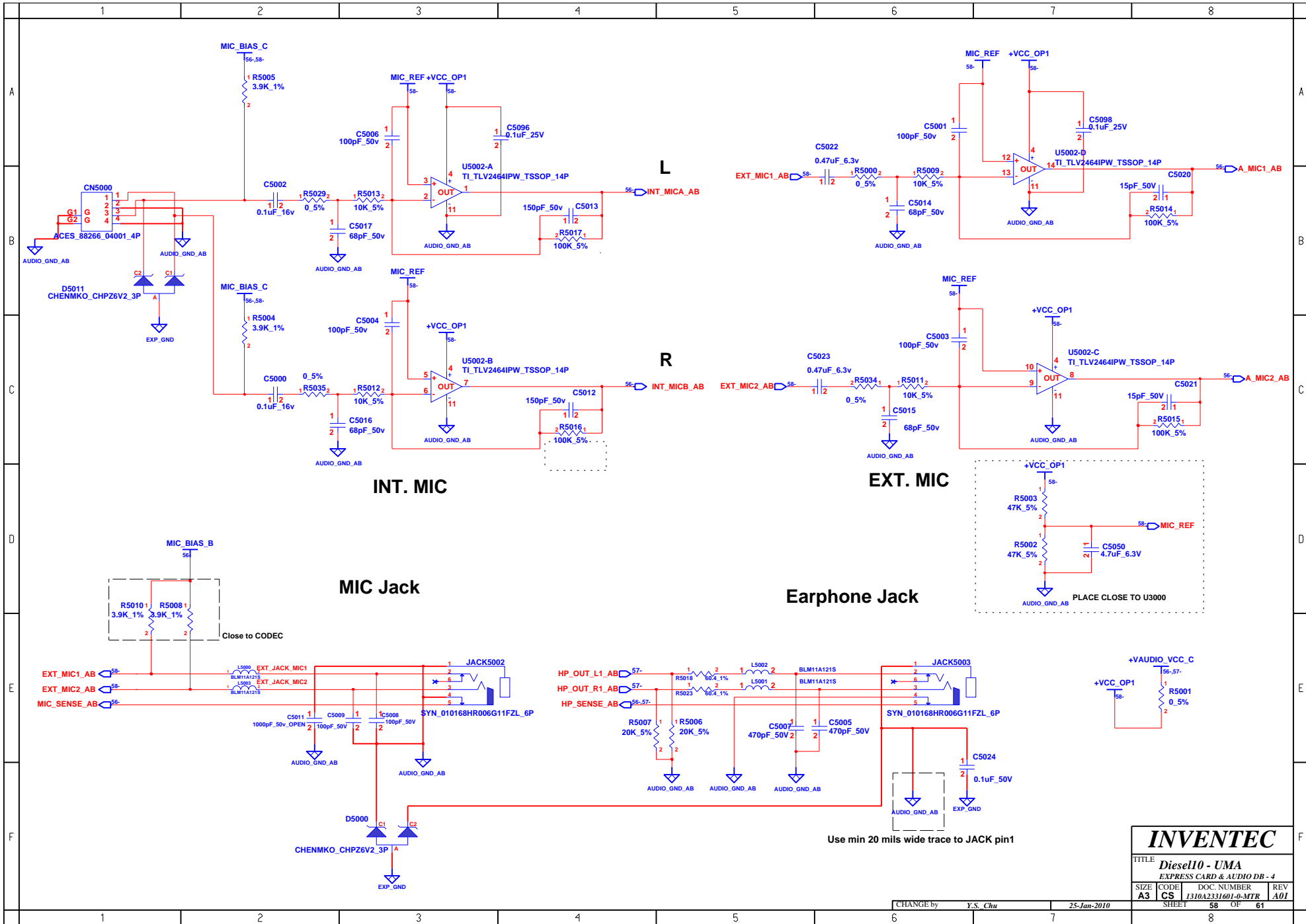
INVENTEC			
TITLE: Diesel10 - UMA			
EXPRESS CARD & AUDIO DB - 2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2331601-b-MTR	A01
SHEET		56	OF 61

CHANGE by Y.S. Chu 25-Jan-2010

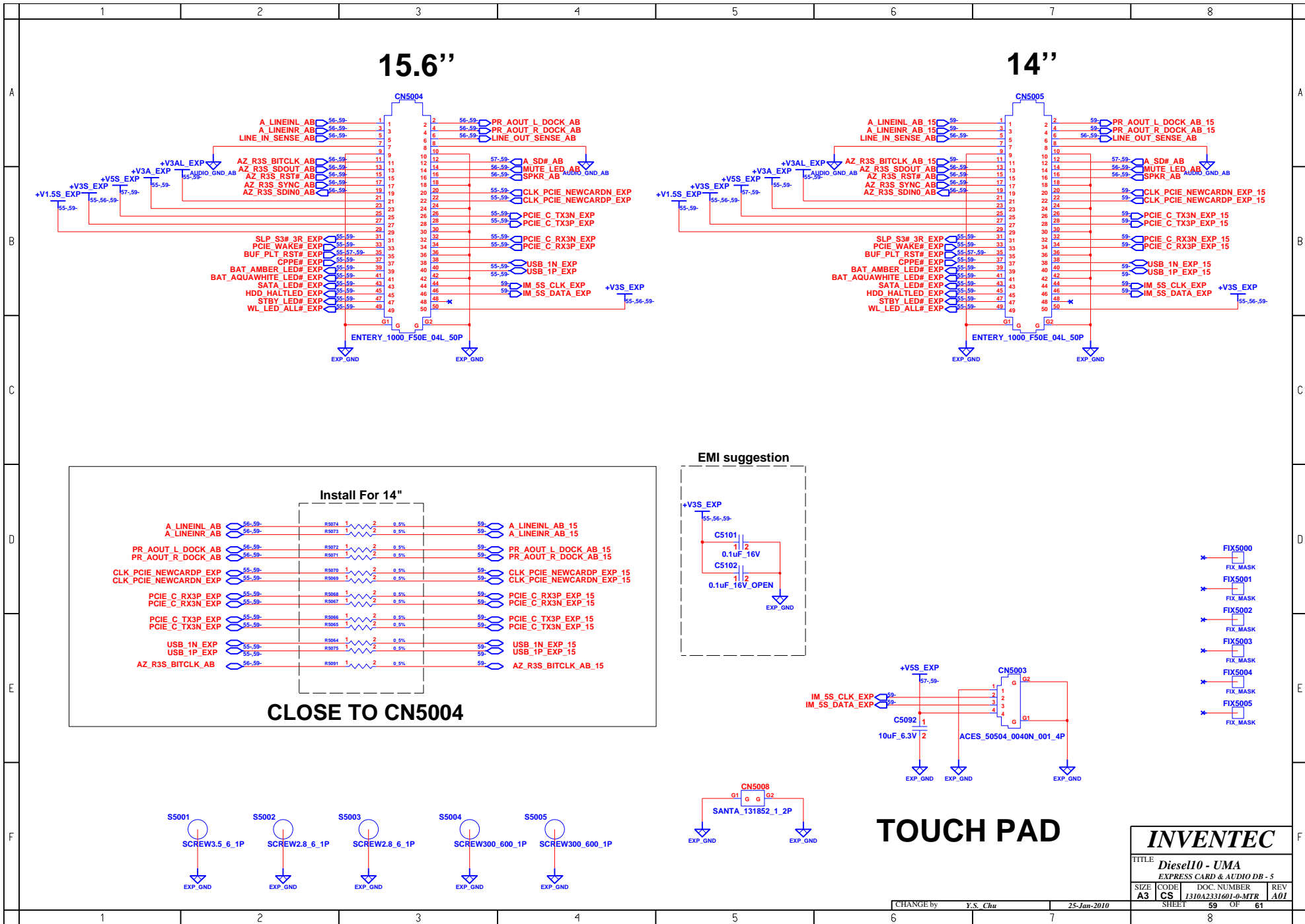


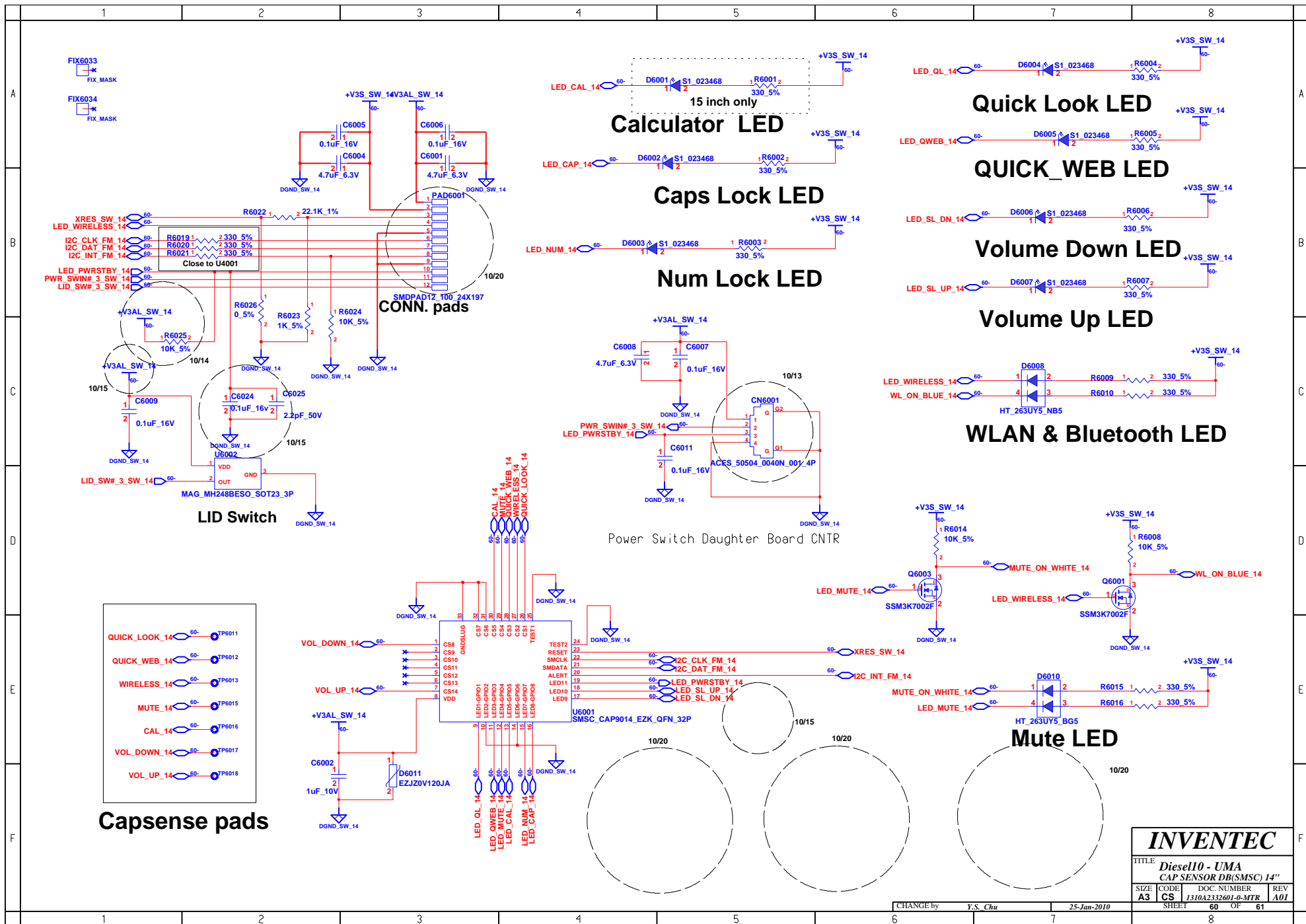
INVENTEC			
TITLE Diesel10 - UMA EXPRESS CARD & AUDIO DB - 3			
SIZE A3	CODE CS	DOC. NUMBER 1310A231601-b-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
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<http://sualaptop365.edu.vn>



<http://sualaptop365.edu.vn>





INVENTEC			
TITLE Diesel10 - UMA			
CAP SENSOR DB(SMSC) 14"			
SIZE A3	CODE CS	DOC NUMBER 1310A232601-p-MTR	REV A01
CHANGE by Y.S. Chu		25-Jan-2010	
SHEET 60		OF 61	

