

CRYSTAL 1.0

PV-R 11/12

Engineer	INVENTEC		
CHEN TE-YU			
Drawn by	CRYSTAL 1.0		
CHEN TE-YU			
R&D CHK	PC8965		
DOC CTRL CHK			
MFG ENGR CHK			
VER	A03	Model Number	Sheet 1 of 60

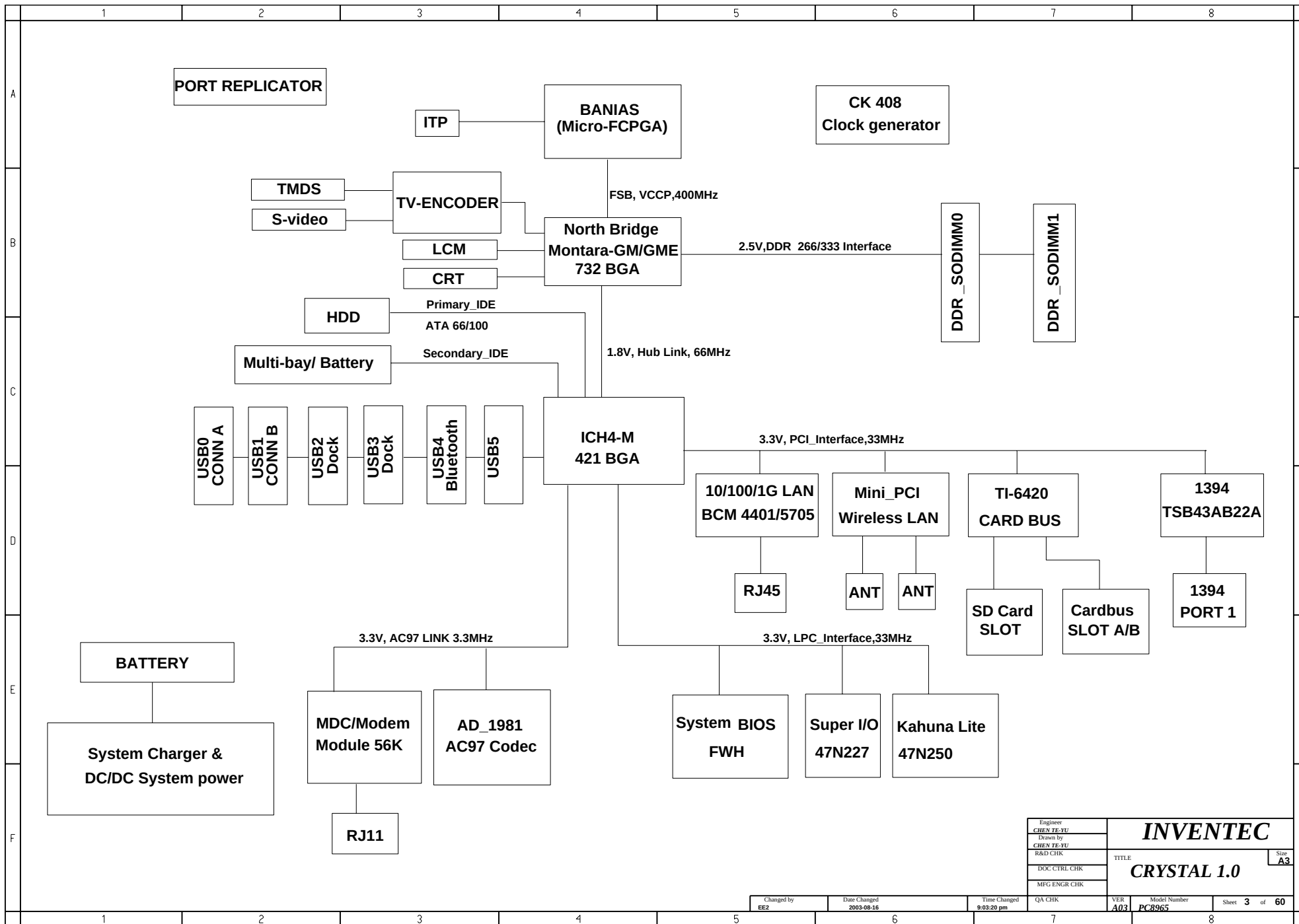
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EE2	2003-08-16	9:01:43 pm

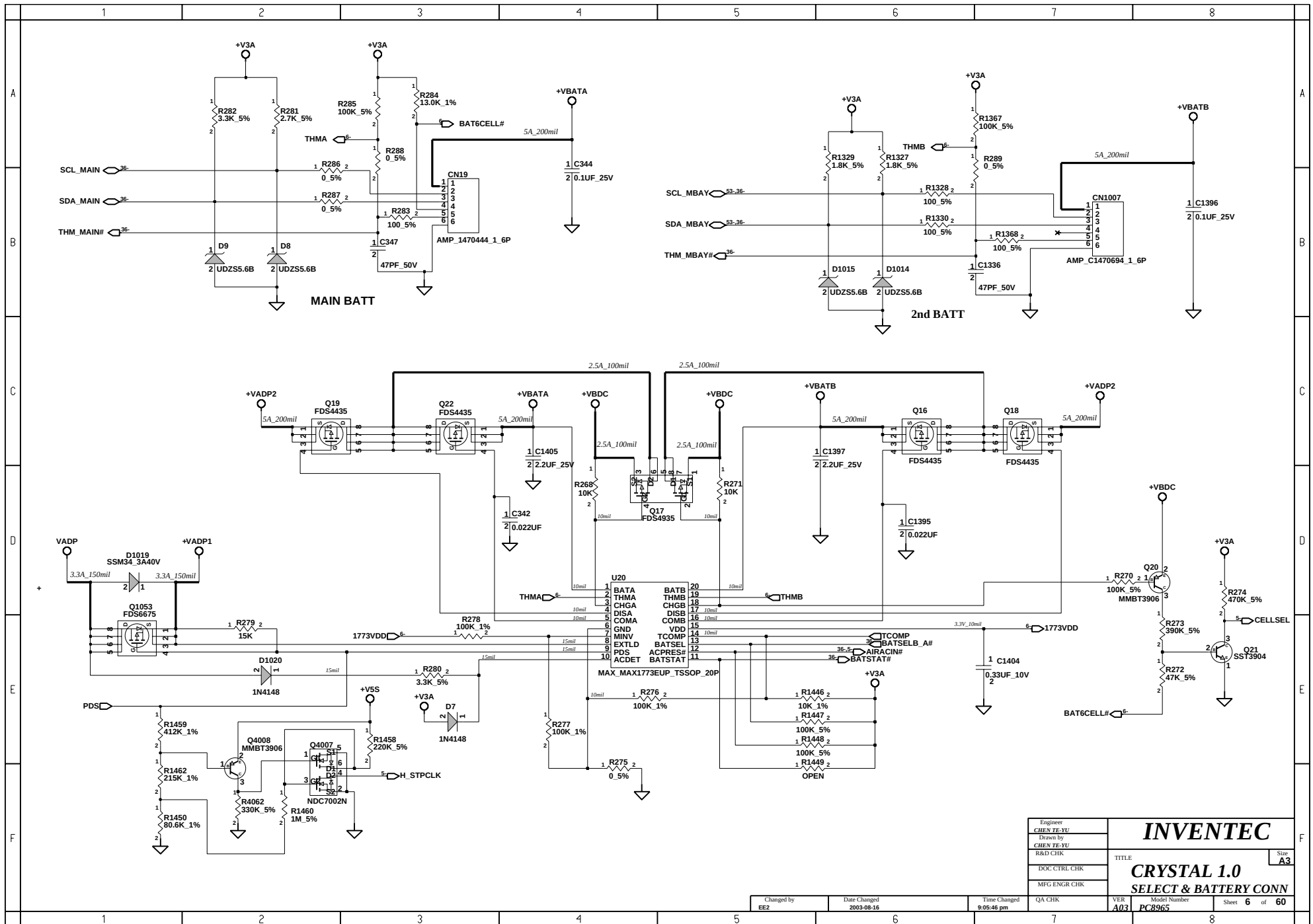
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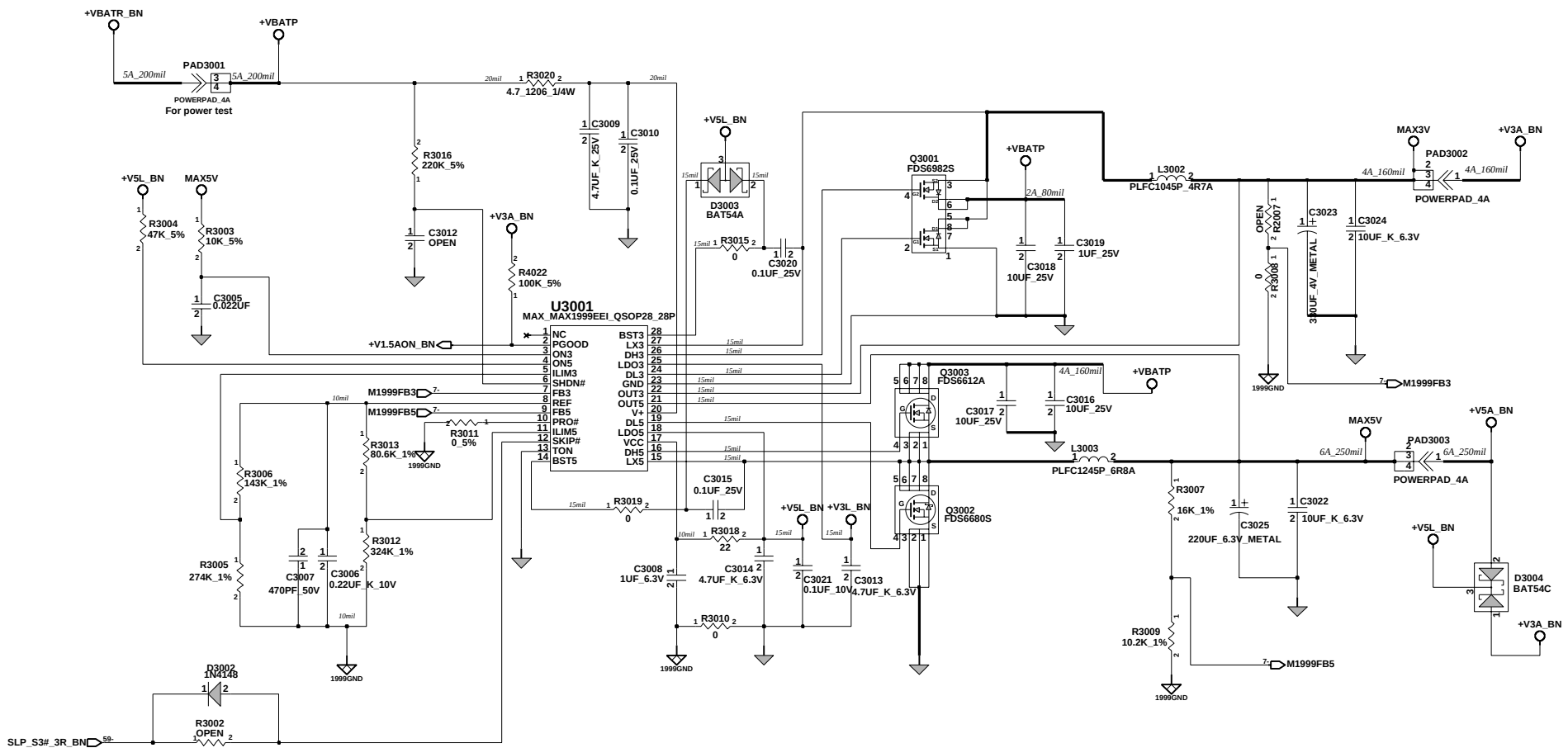
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Drawn by CHEN TE-YU		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK		

Changed by EE2	Date Changed 2003-08-16	Time Changed 9:02:29 pm	QA CHK	VER A031	Model Number PC8965	Sheet 2 of 60
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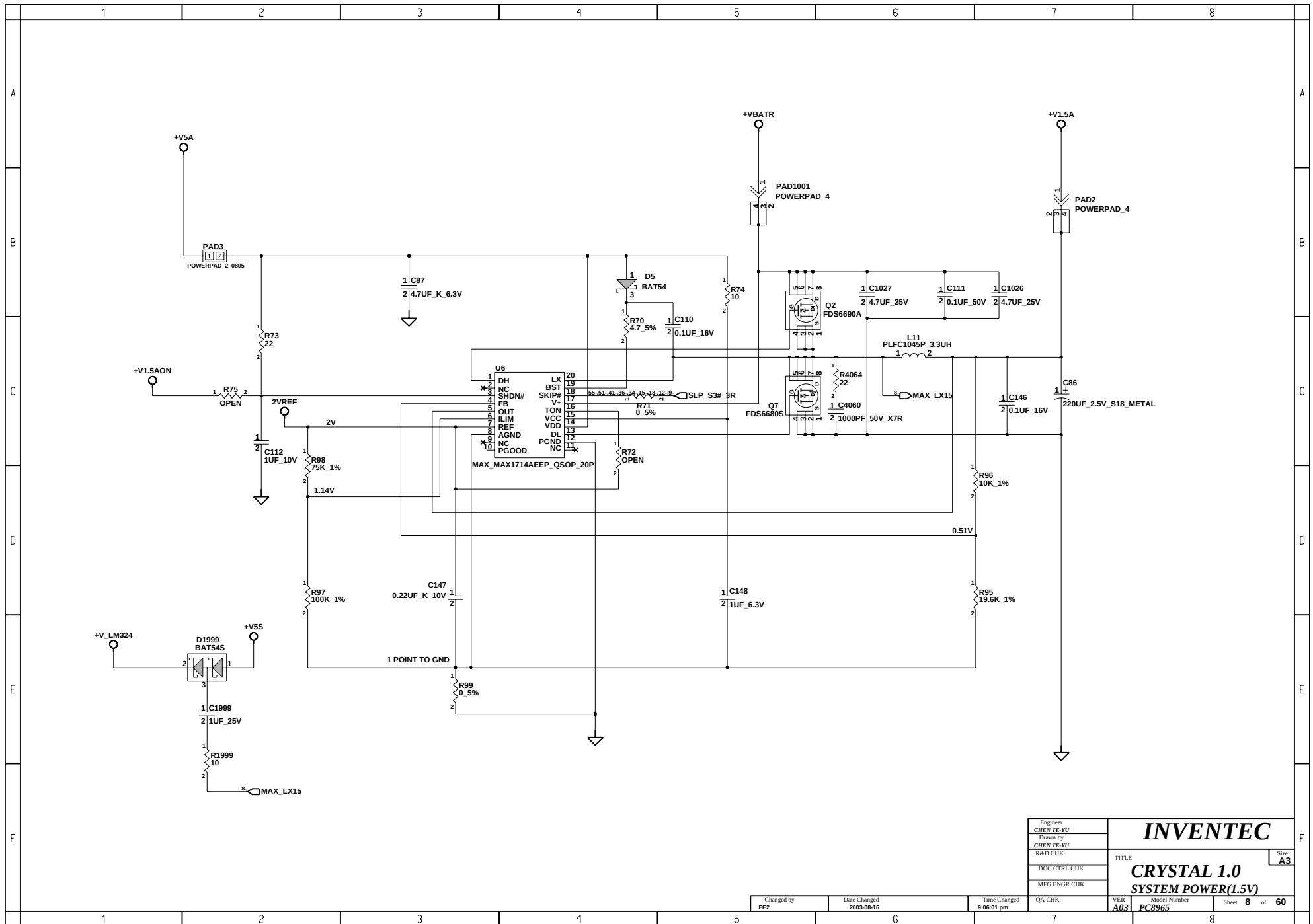


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Sheet 6 of 60		Size A3

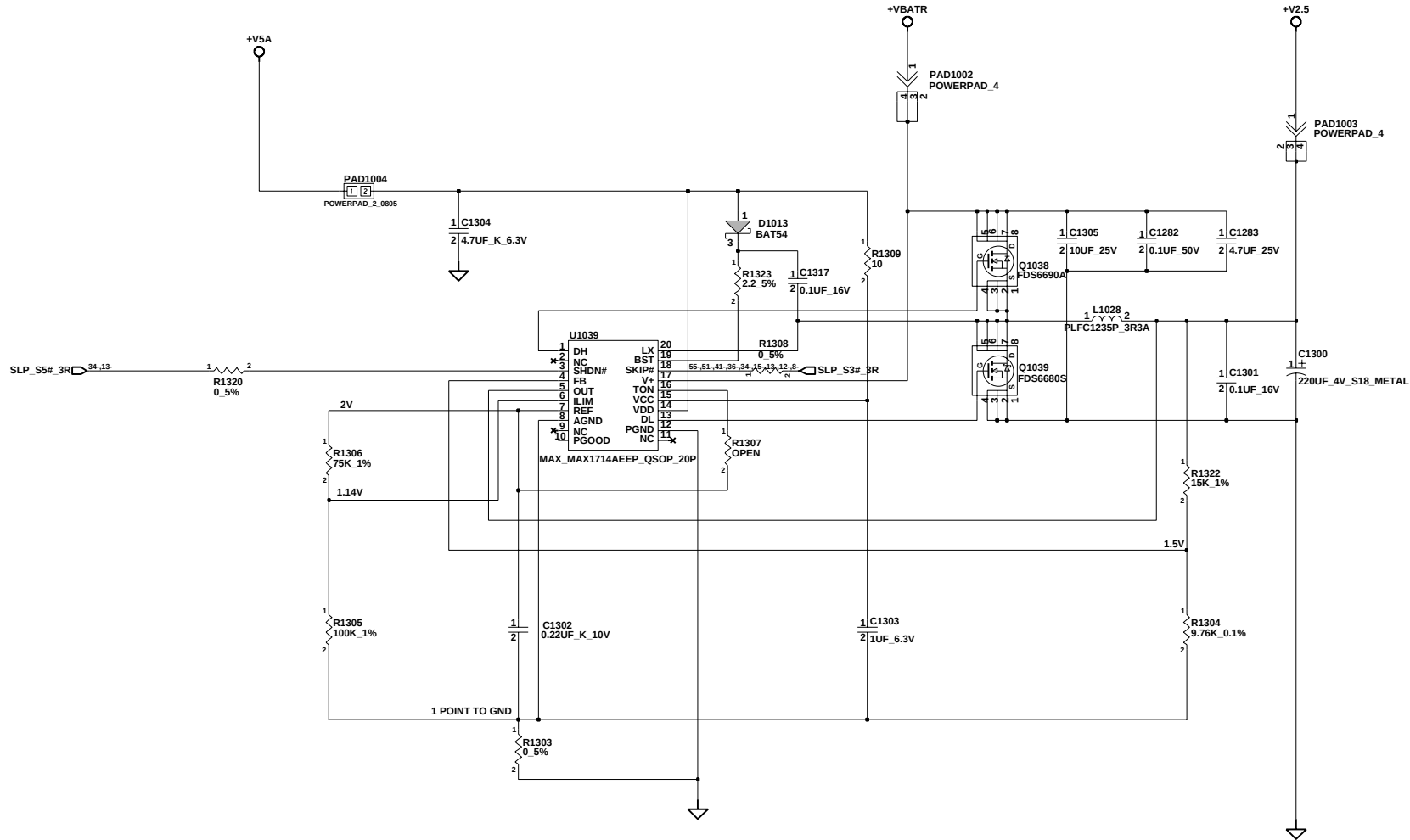


SYSTEM POWER (3V&5V) ON BUTTON DAUGHTER BOARD

Engineer CHEN TE-YU	INVENTEC TITLE CRYSTAL 1.0 SYSTEM POWER(3V/5V/12V)	
Drawn by CHEN TE-YU		
R&D CHK		
DOC CTRL CHK		
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Changed by EE2	Date Changed 2003-08-16	Time Changed 9:05:56 pm
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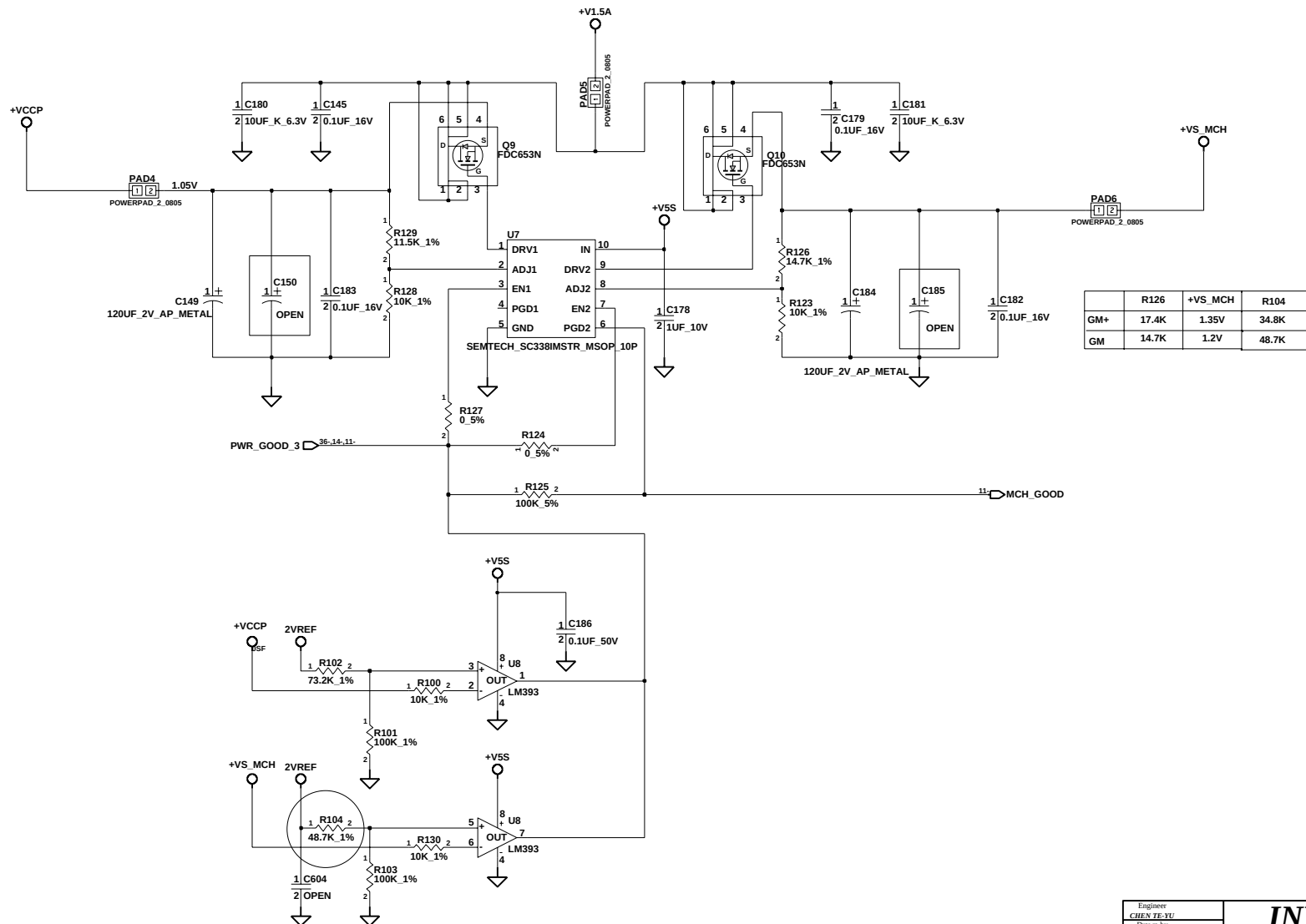


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Changed by EE2	Date Changed 2003-08-16	Time Changed 9:06:01 pm	QA CHK	
VER A03	Model Number PC8965	Sheet 8	of 60	

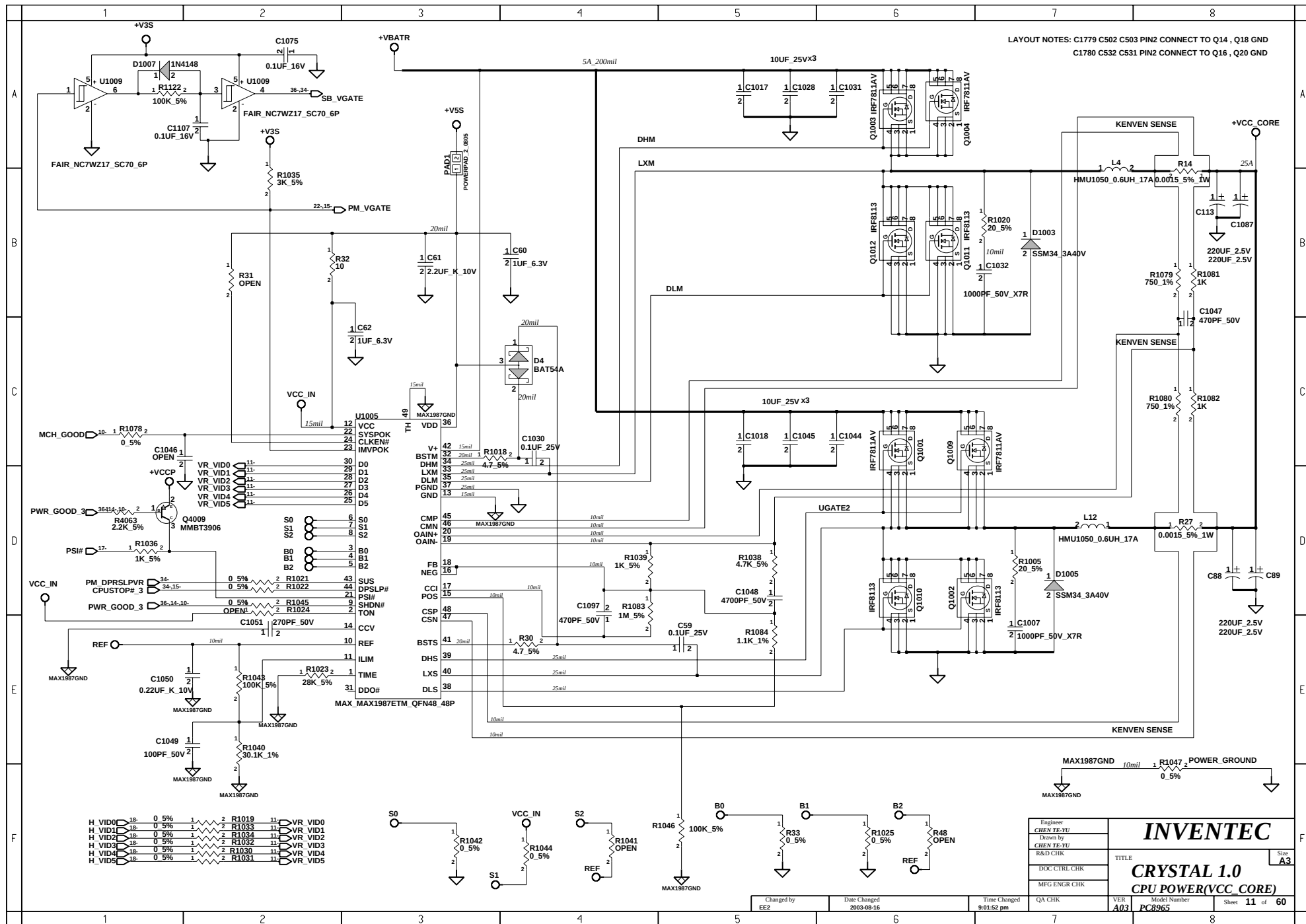


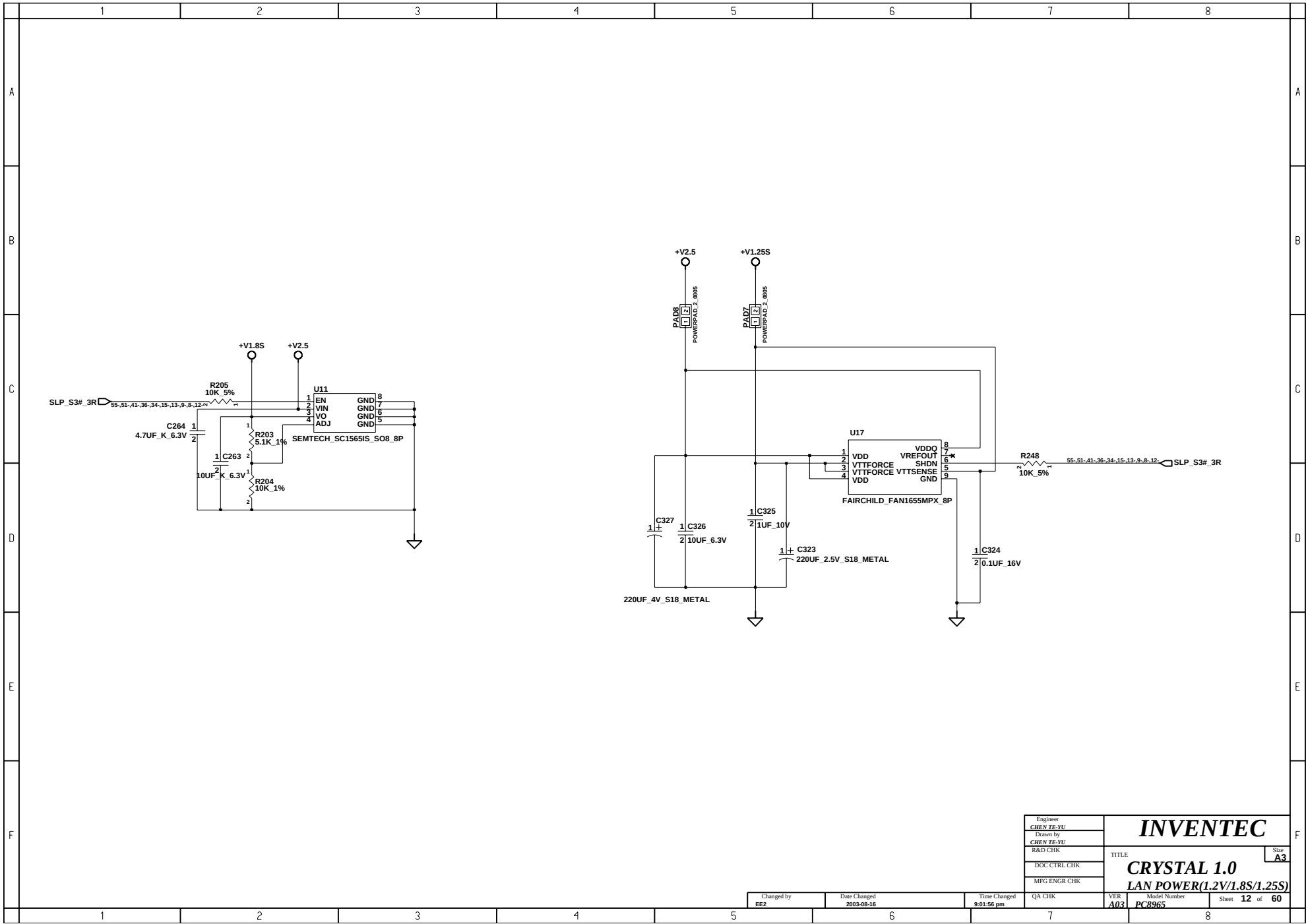
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Changed by EE2	Date Changed 2003-08-16	Time Changed 9:06:05 pm
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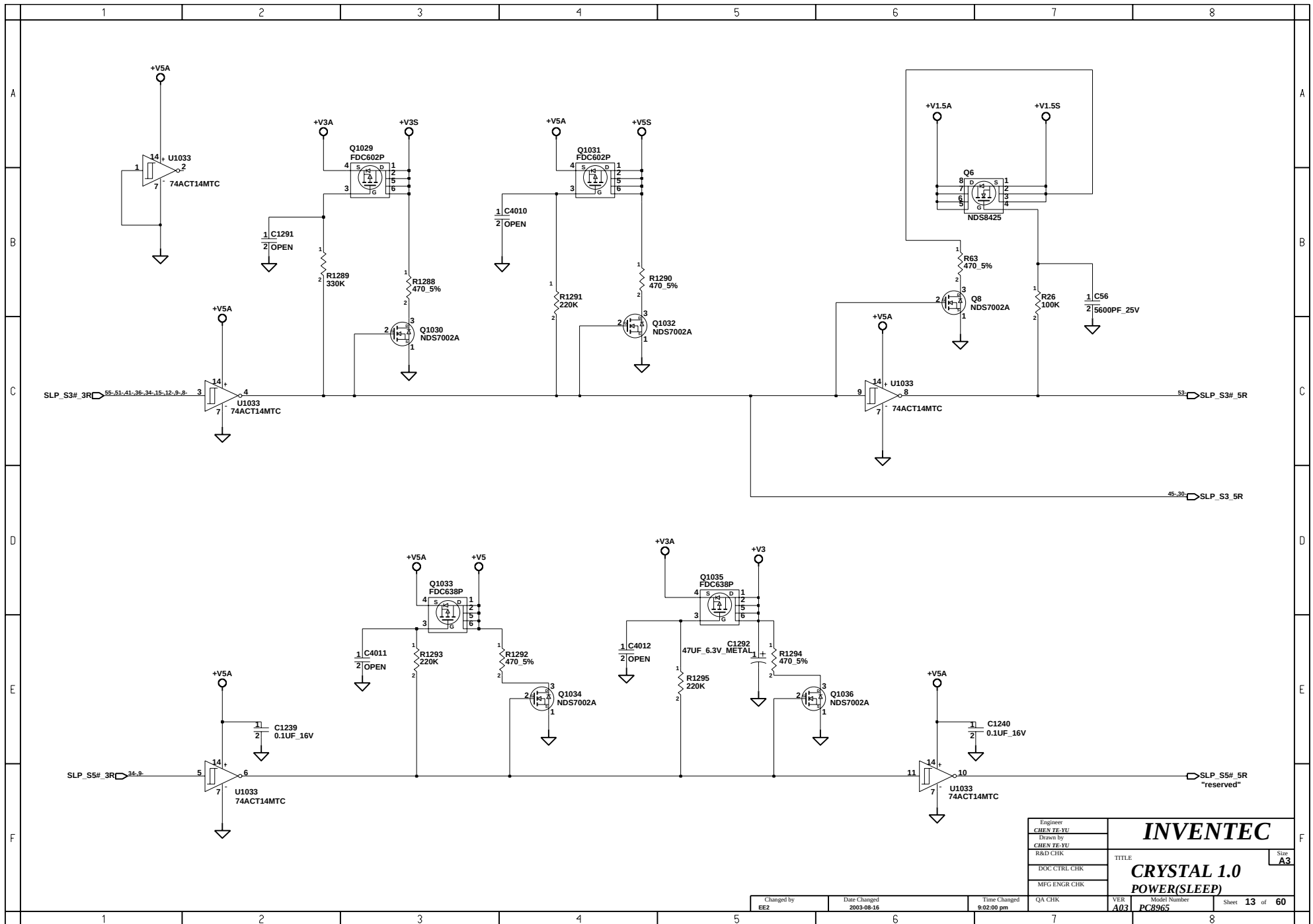


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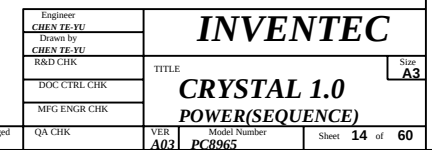


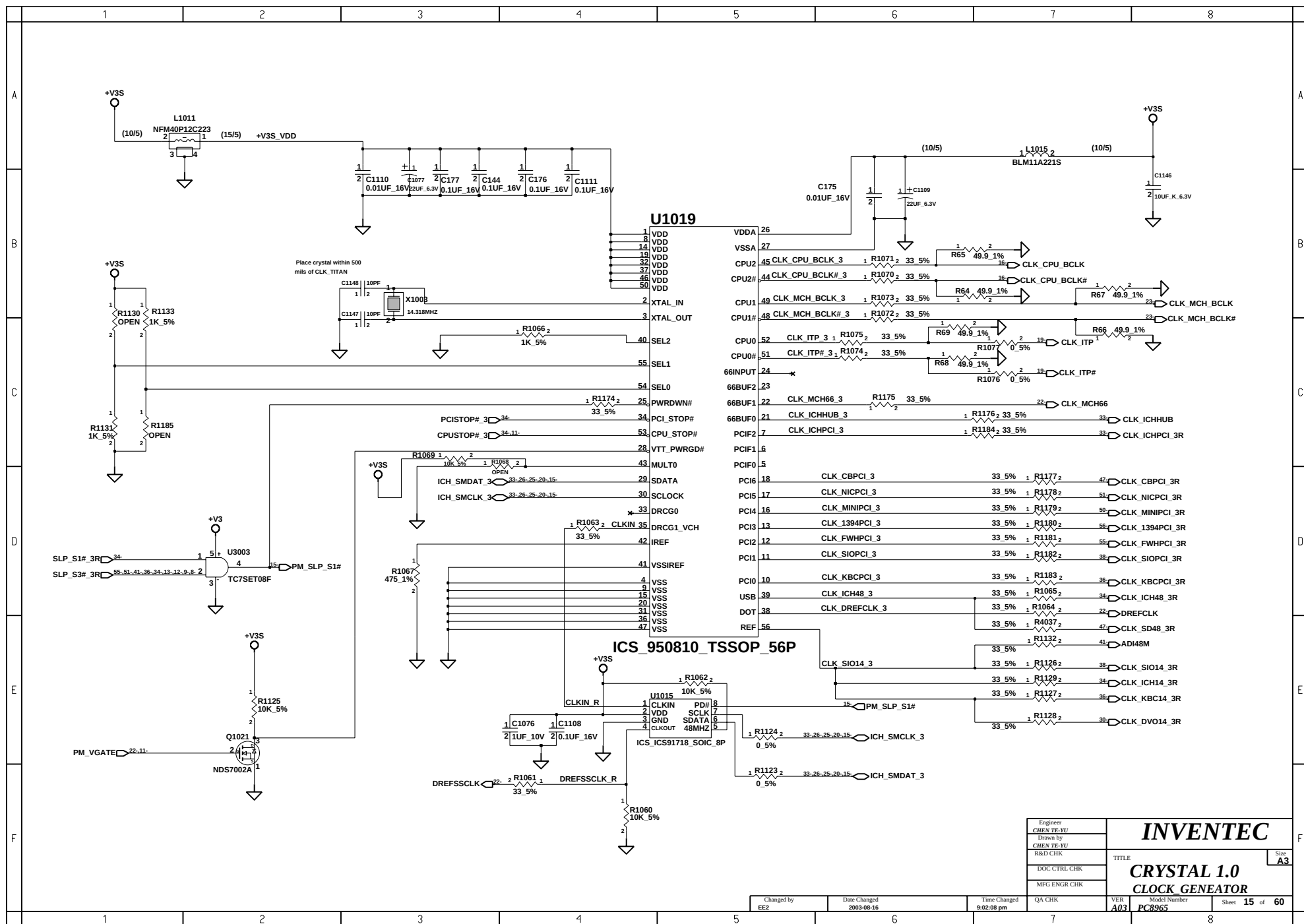


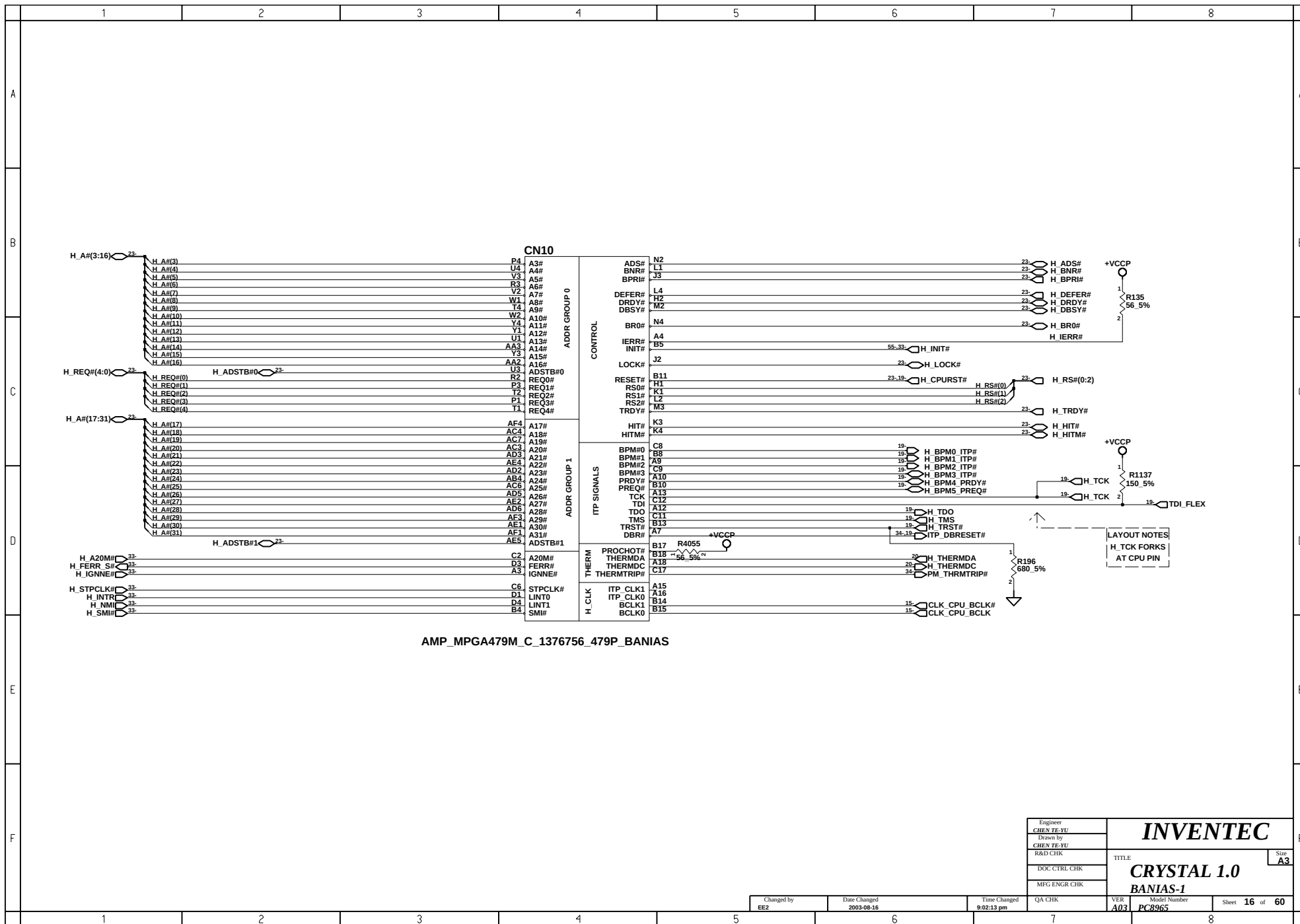
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DOC CTRL CHK		
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	LAN POWER(1.2V/1.8S/1.25S)	
Changed by EE2	Date Changed 2003-08-16	Time Changed 9:01:56 pm
QA CHK	VER A031	Model Number PC8965
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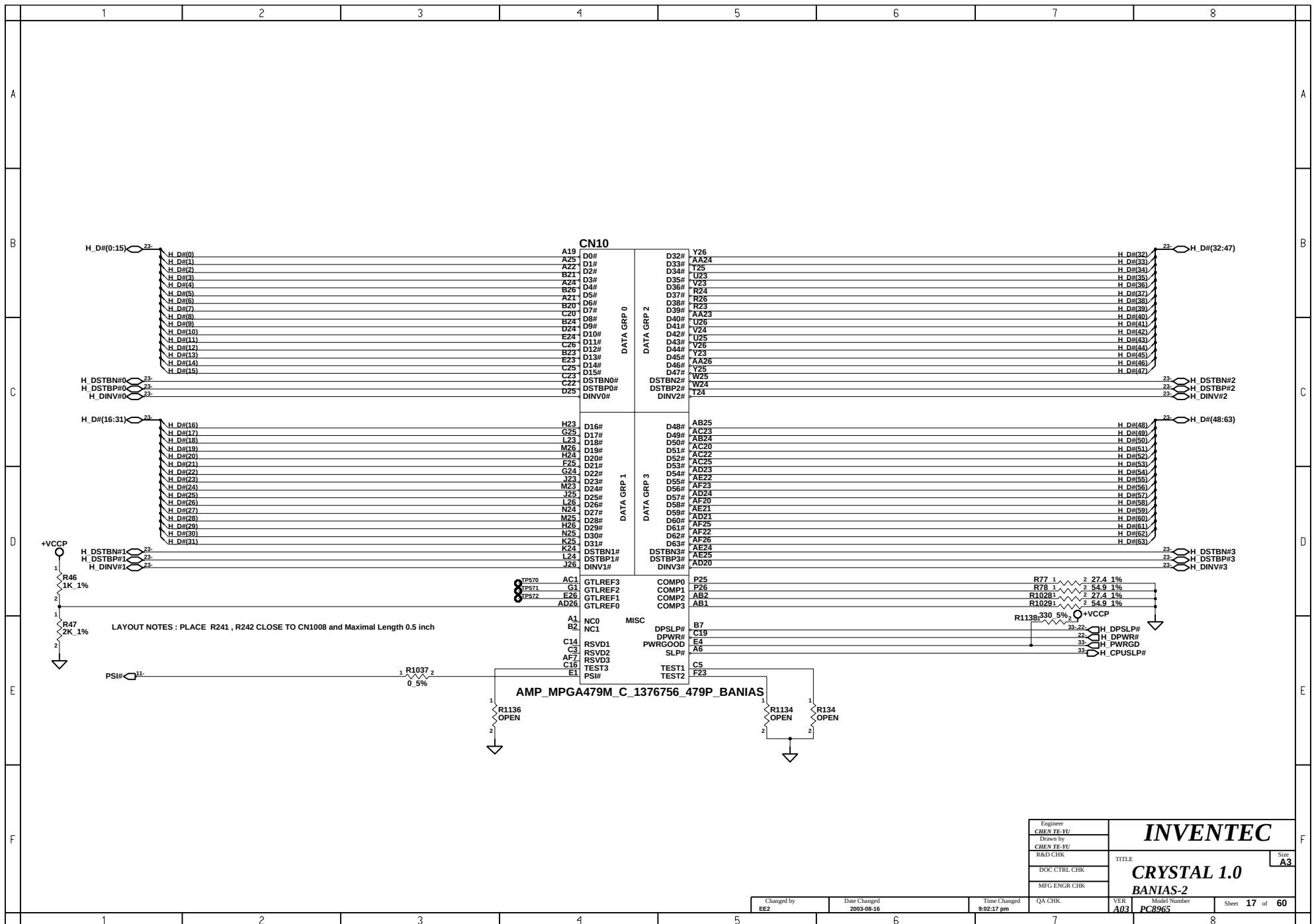


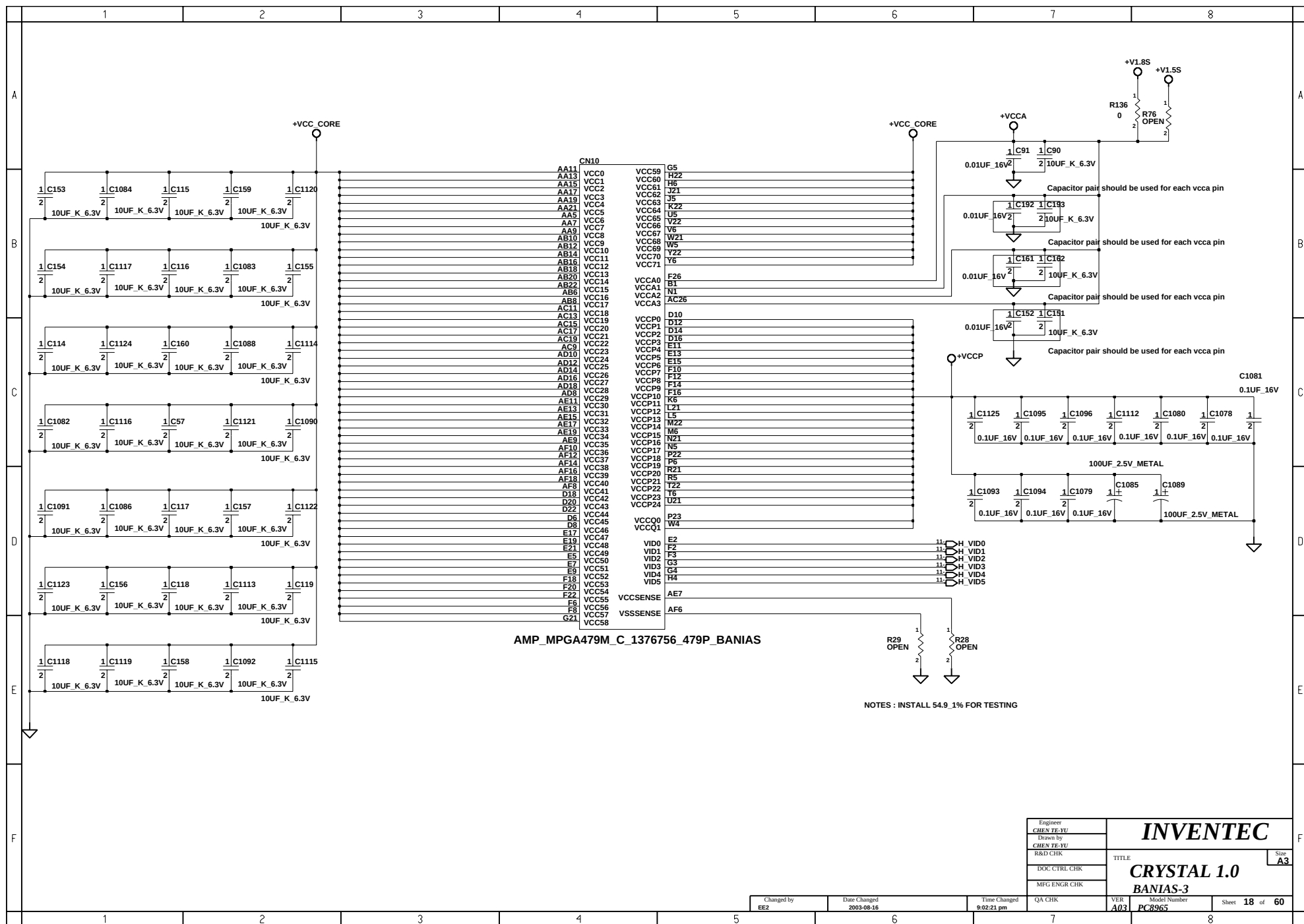
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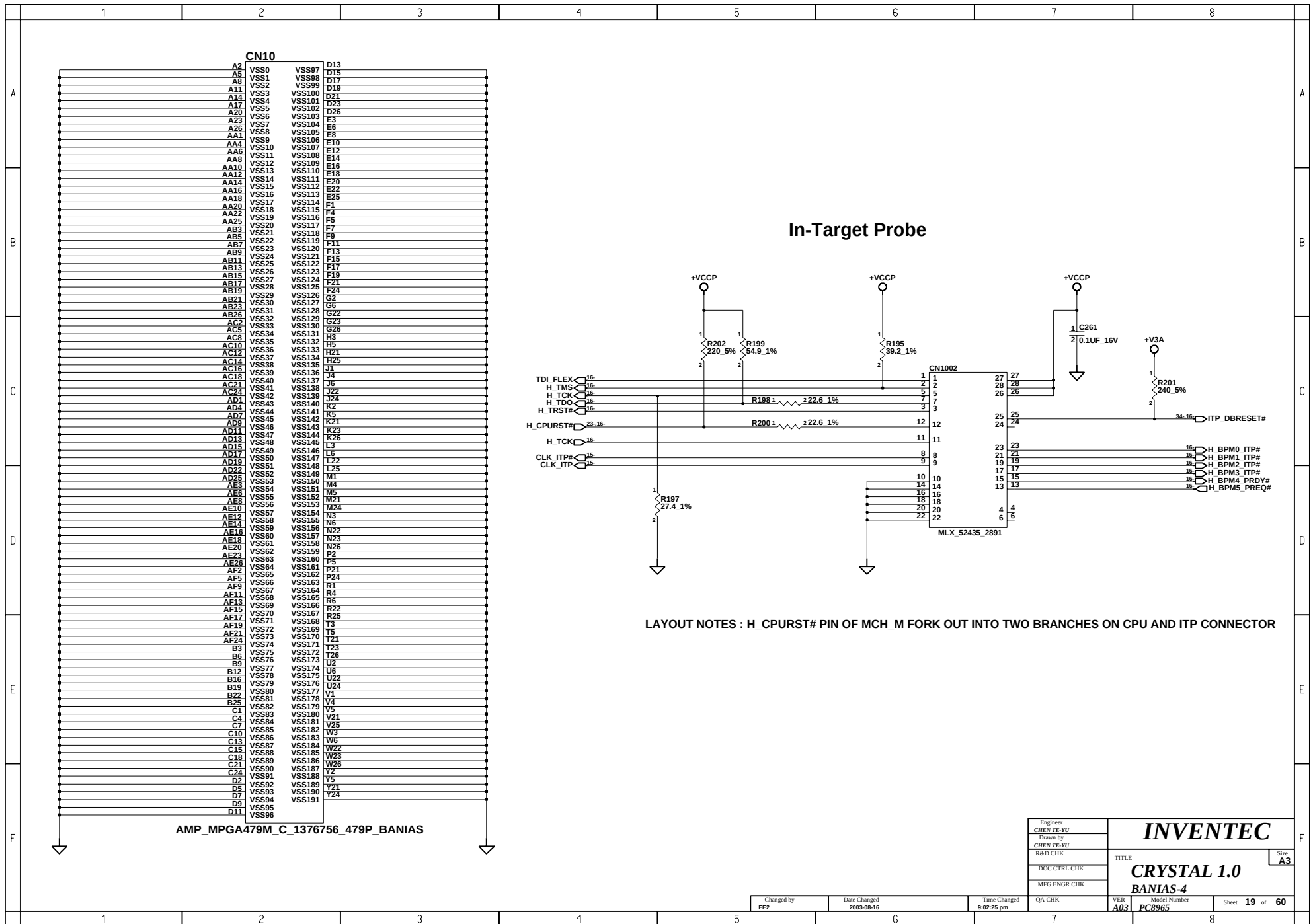


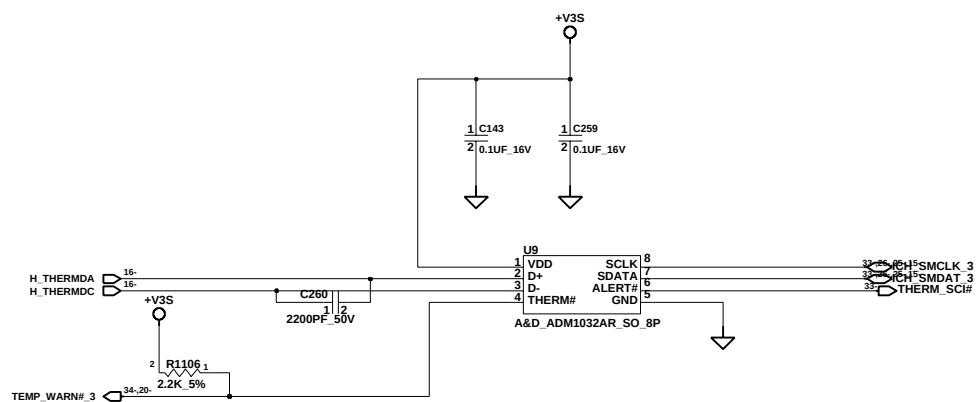




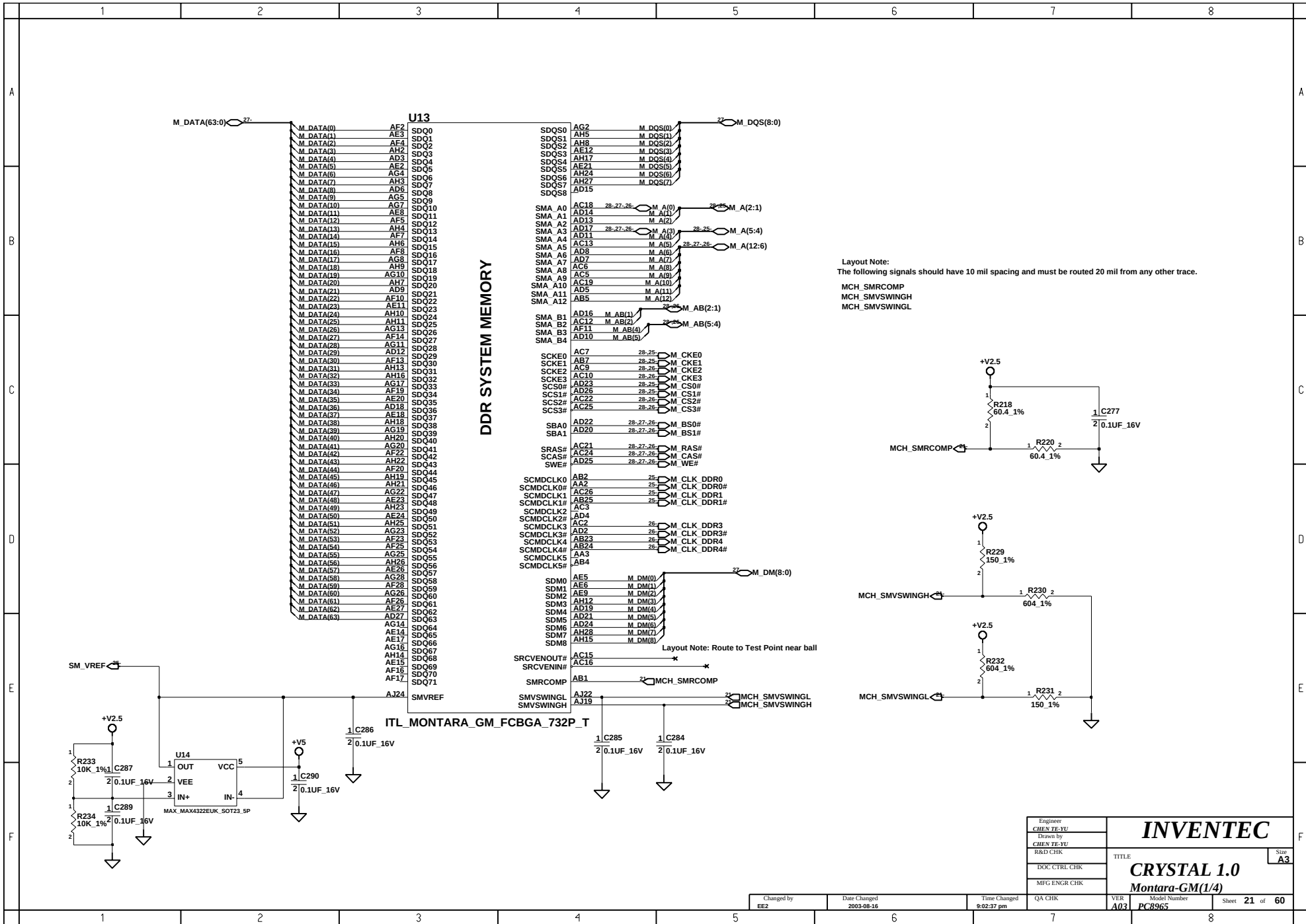




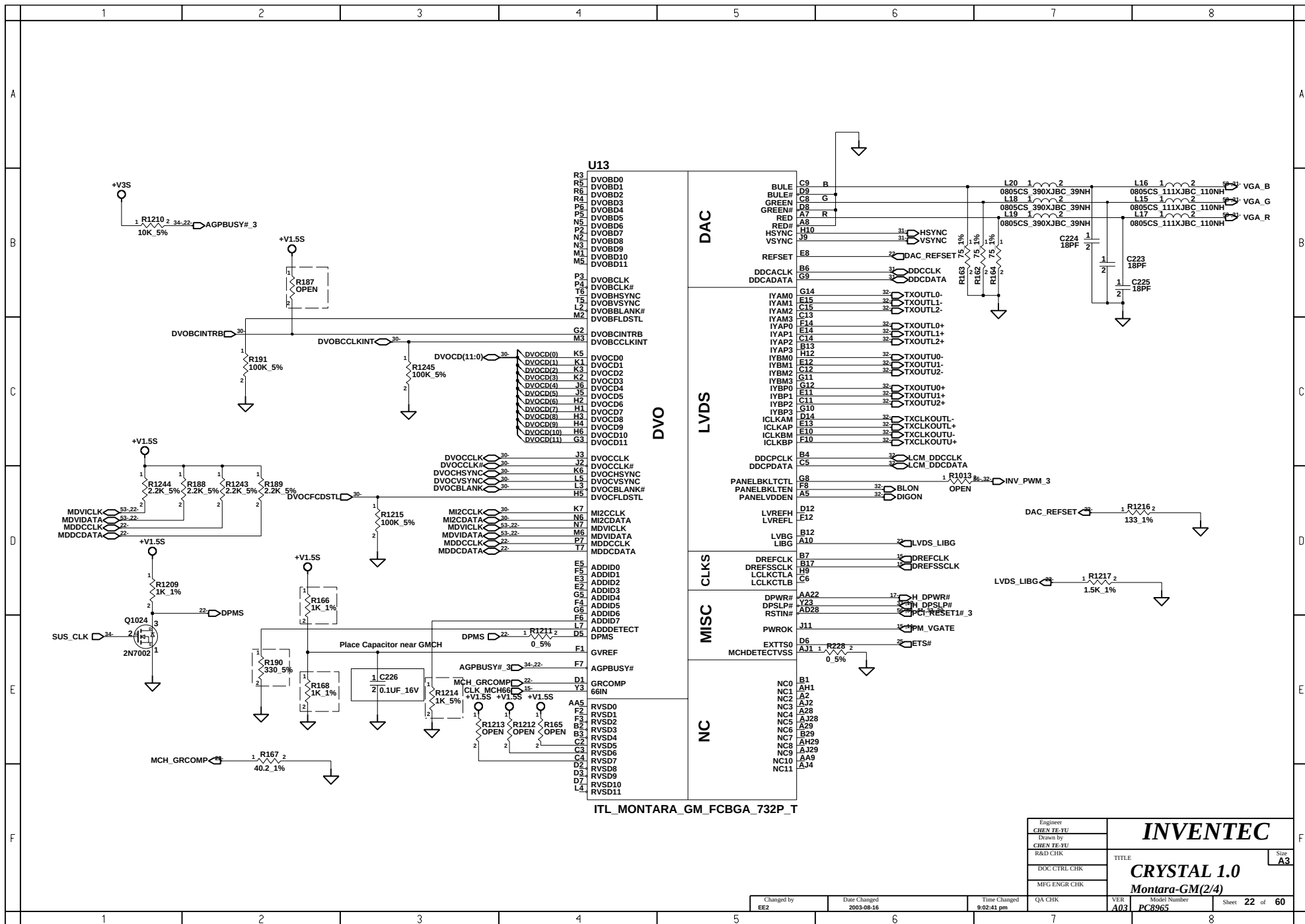




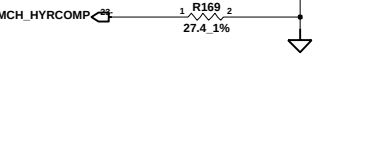
Engineer CHEN TE-YU	INVENTEC			Size A3
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DOC. CTRL CHK				
MFG ENGR CHK				
QA CHK	VER A03	Model Number PC8965	Sheet 20 of 60	



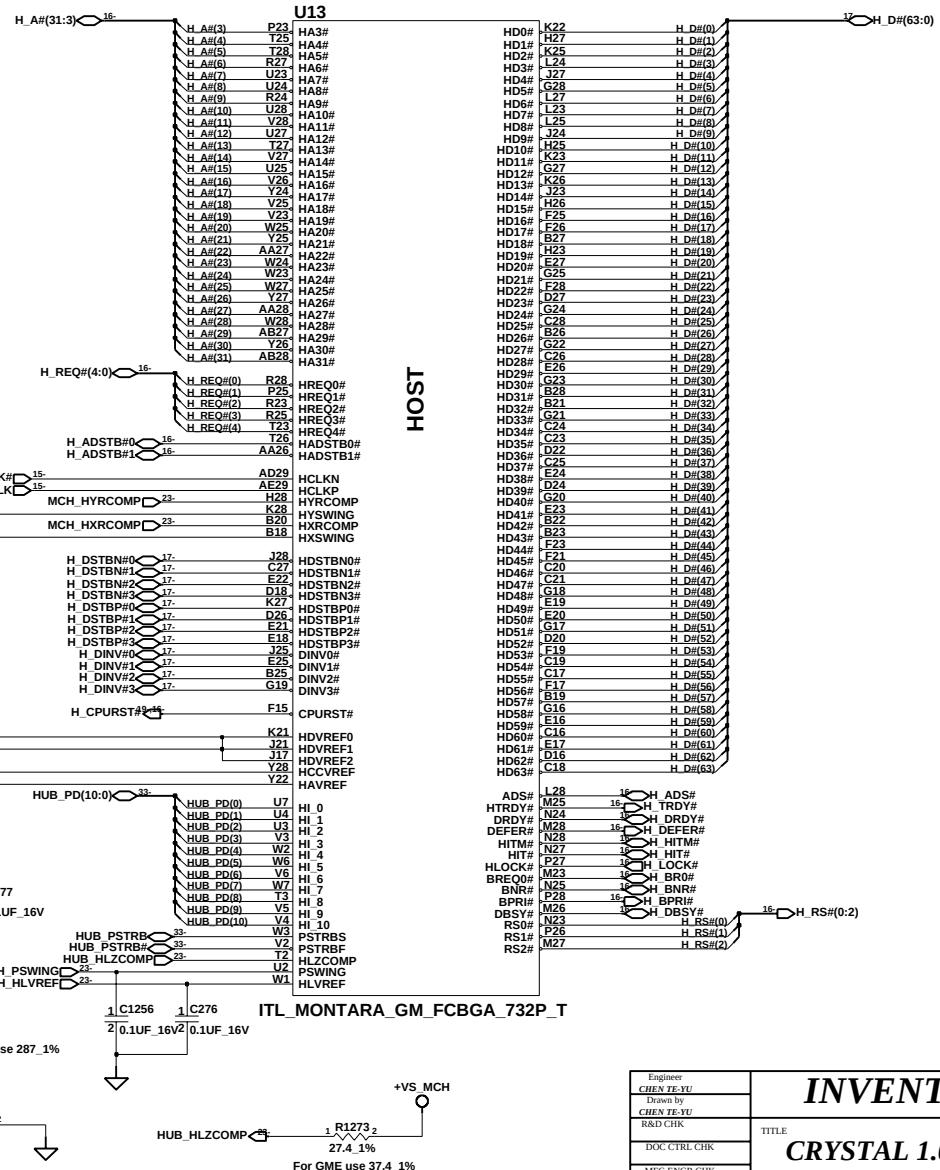
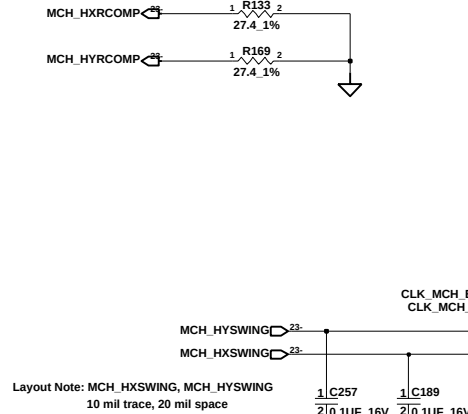
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Changed by EE2	Date Changed 2003-08-16	Time Changed 8:02:37 pm	QA CHK
VER A03	Model Number PC8965	Sheet 21 of 60	



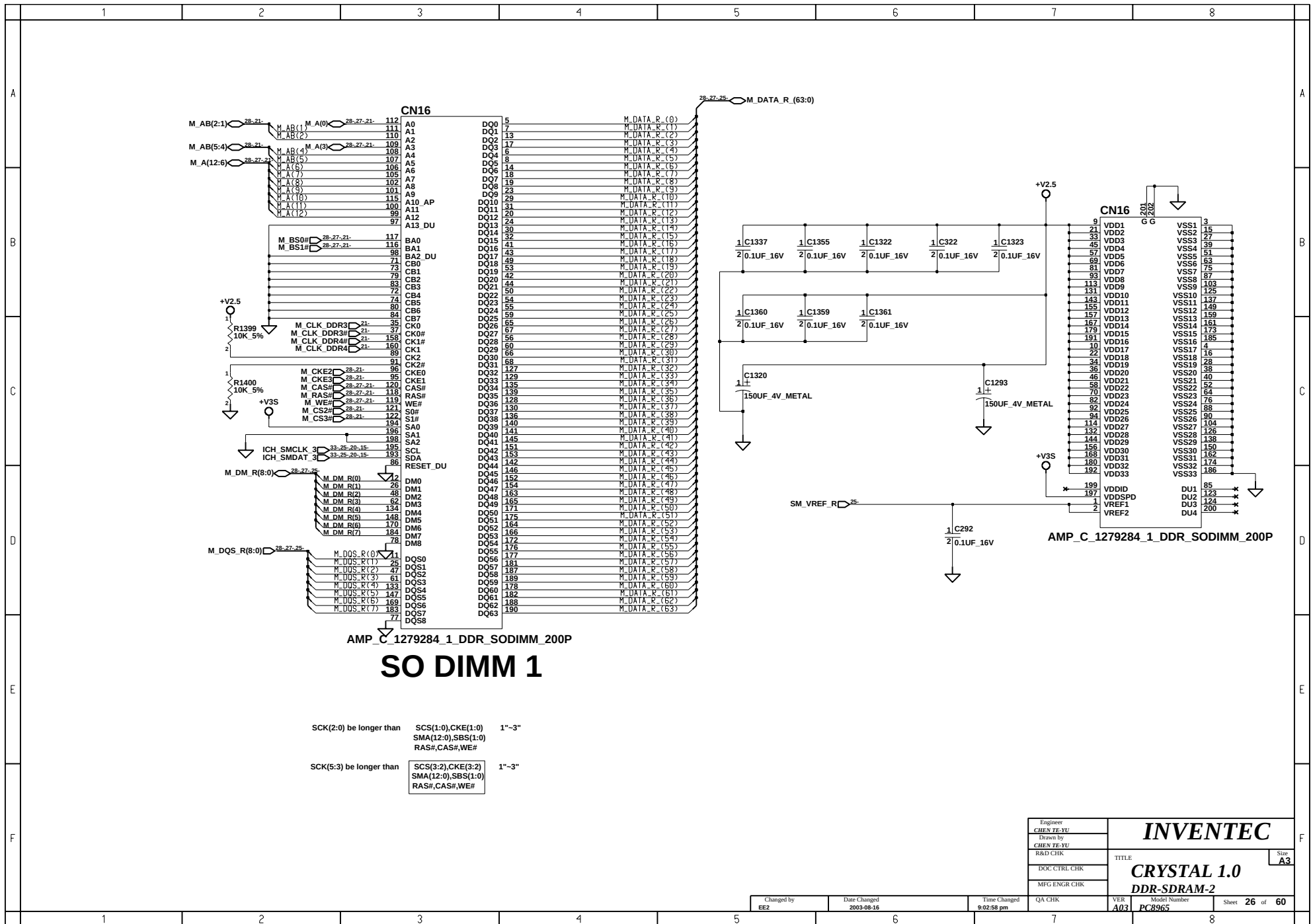
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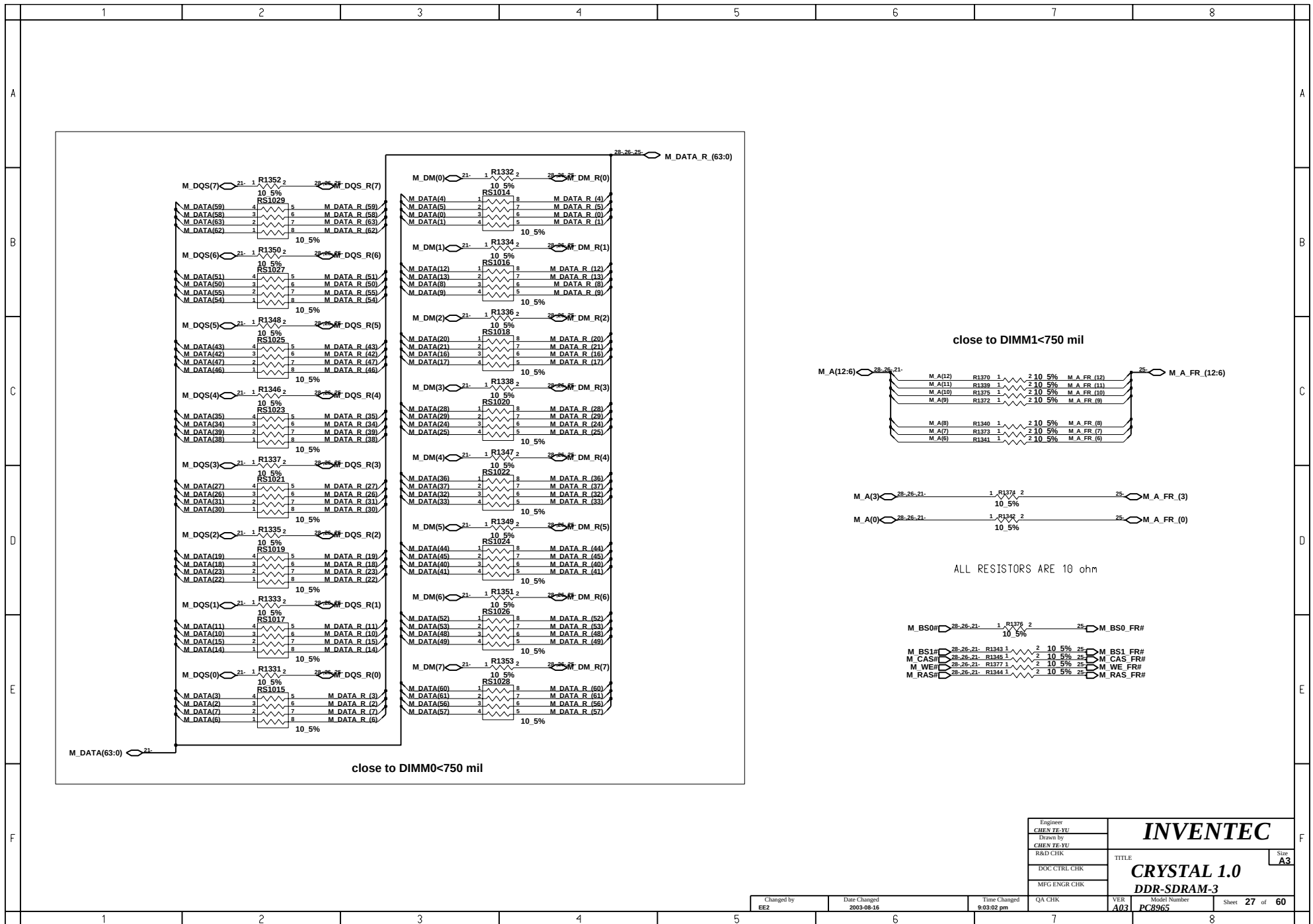


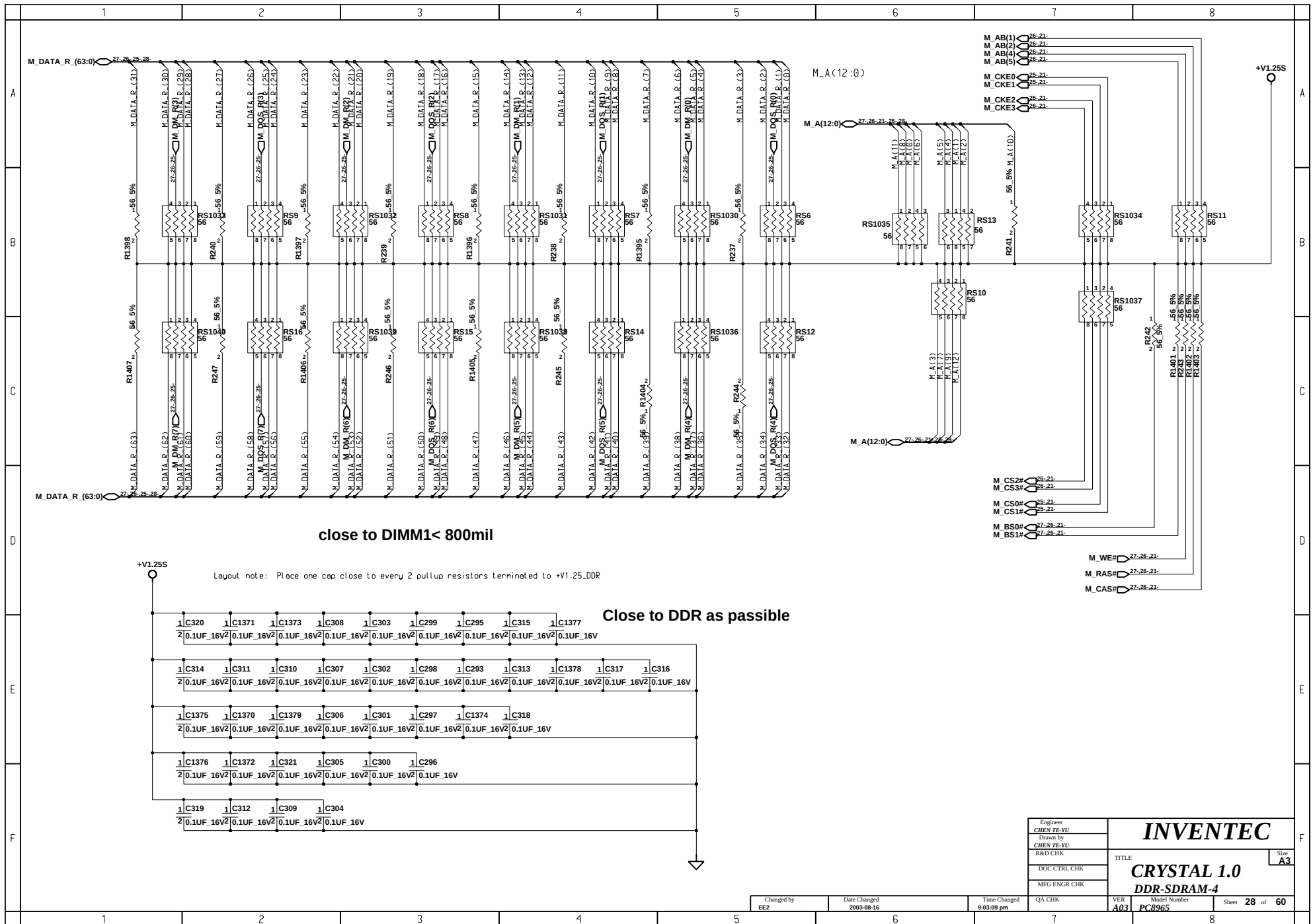
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10 mil trace, 20 mil space



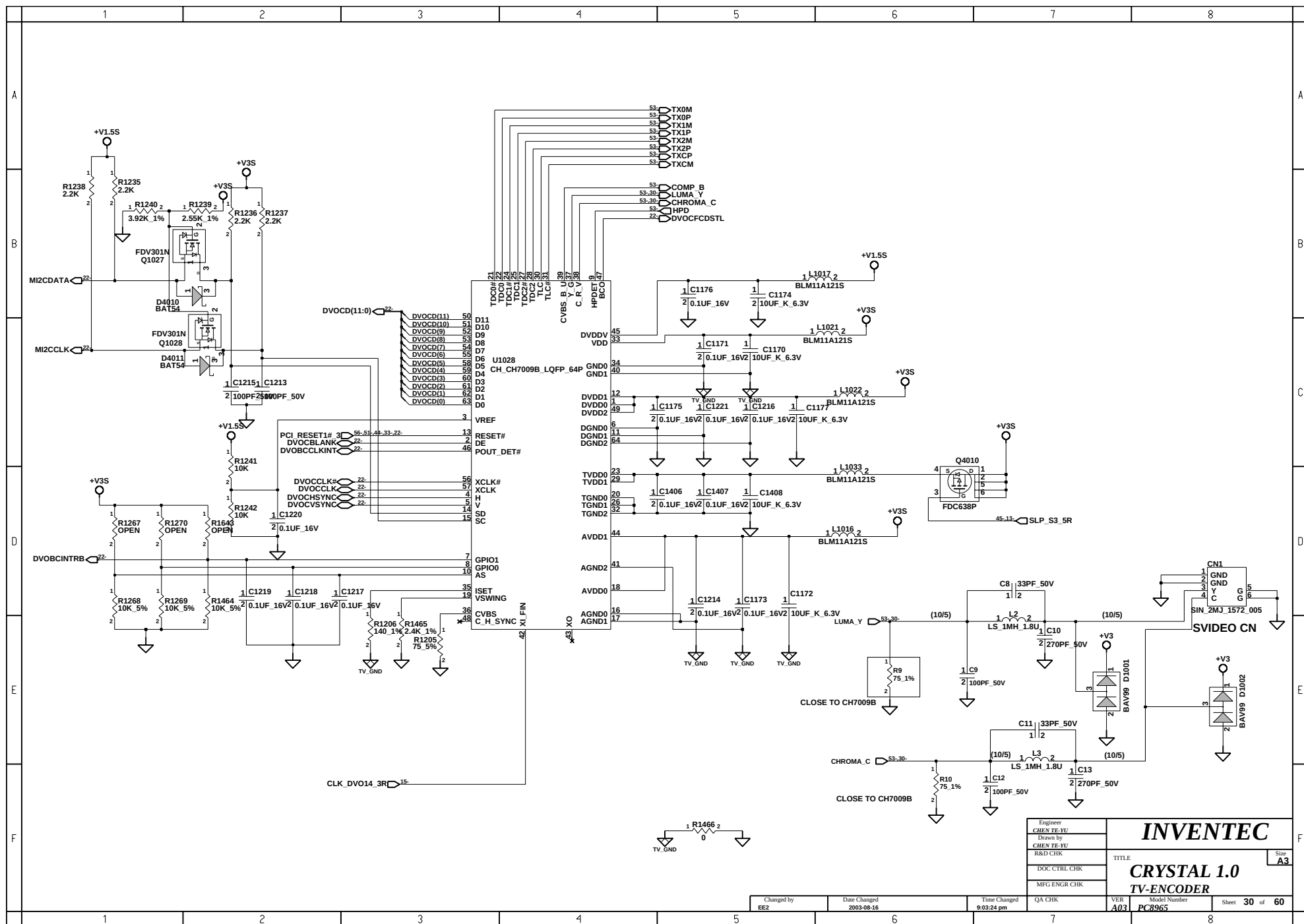
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Drawn by CHEN TE-YU				
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MFG ENGR CHK				
QA CHK	VER A03	Model Number PC8965	Sheet	23 of 60

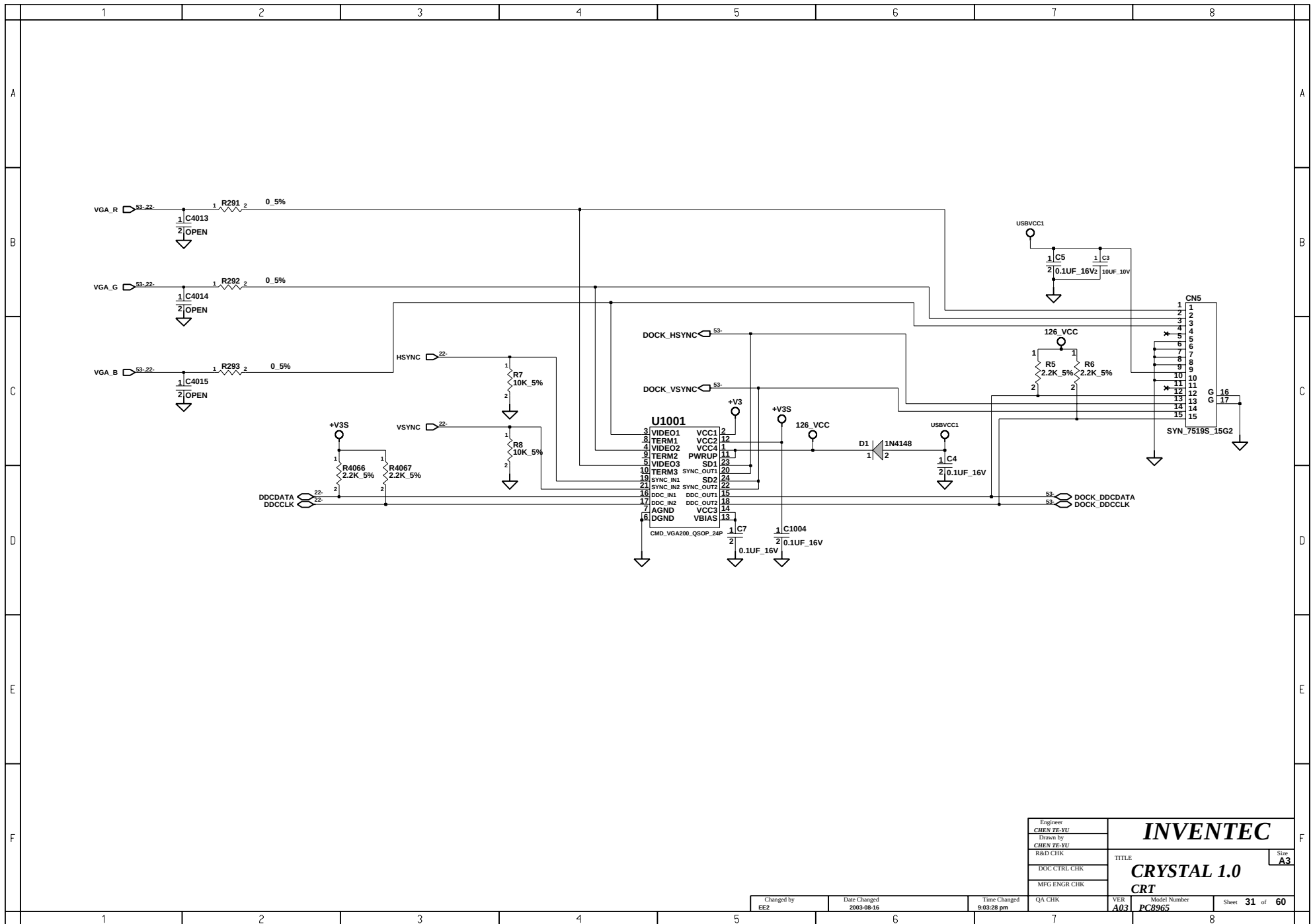




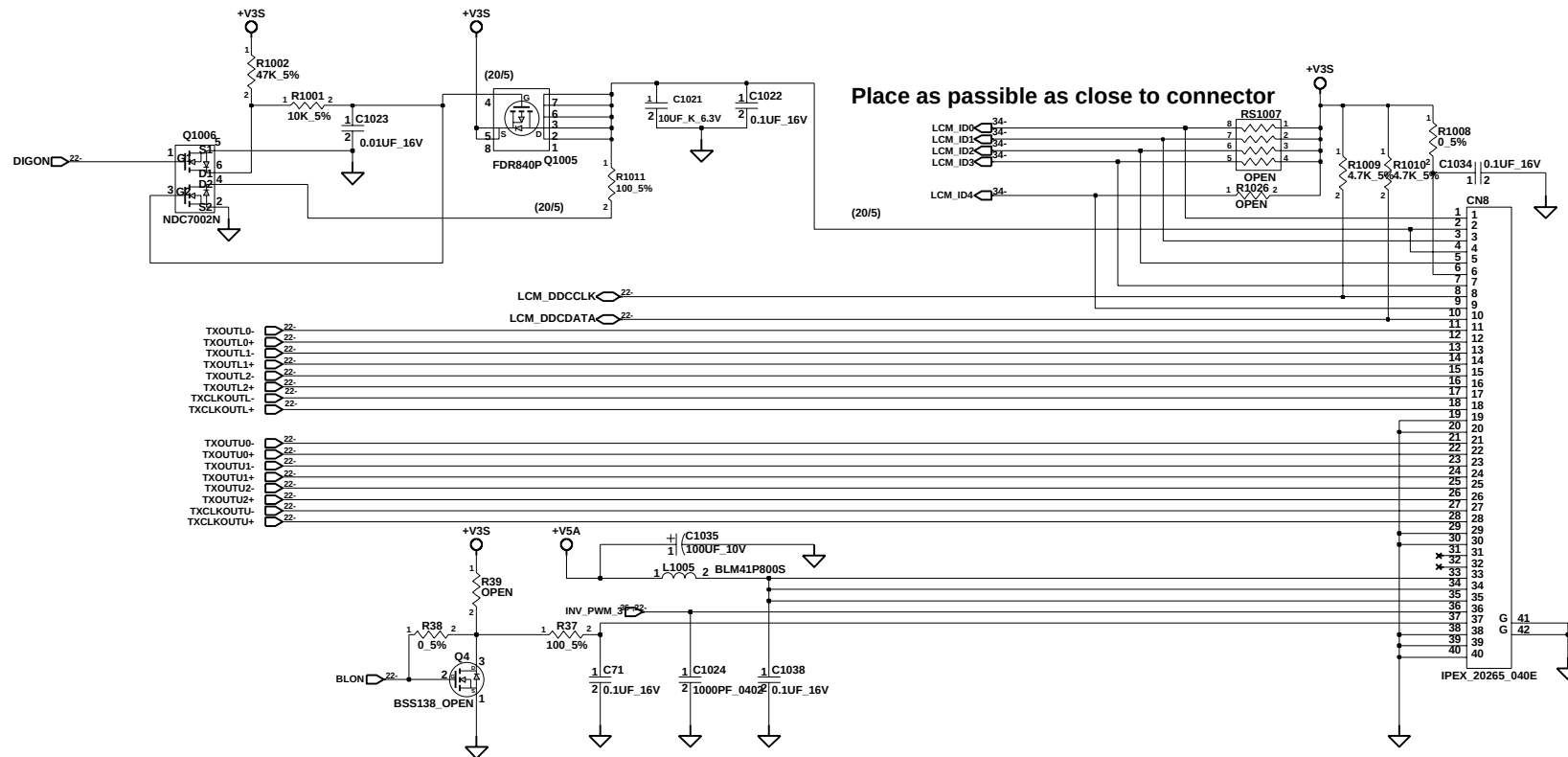


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B									B																																				
C									C																																				
D									D																																				
E									E																																				
F	<table><tr><td colspan="2">Engineer CHEN TE-YU</td><td colspan="3" rowspan="4">INVENTEC</td><td colspan="3" rowspan="5">TITLE CRYSTAL 1.0</td><td colspan="2" rowspan="5">Size A3</td></tr><tr><td colspan="2">Drawn by CHEN TE-YU</td></tr><tr><td colspan="2">R&D CHK</td></tr><tr><td colspan="2">DOC CTRL CHK</td></tr><tr><td colspan="2">MFG ENGR CHK</td><td colspan="7"></td><td>F</td></tr><tr><td colspan="2">Changed by EEZ</td><td colspan="2">Date Changed 2003-08-16</td><td colspan="2">Time Changed 9:03:15 pm</td><td>QA CHK</td><td>VER A03</td><td>Model Number PC8965</td><td>Sheet 29 of 60</td></tr></table>								Engineer CHEN TE-YU		INVENTEC			TITLE CRYSTAL 1.0			Size A3		Drawn by CHEN TE-YU		R&D CHK		DOC CTRL CHK		MFG ENGR CHK									F	Changed by EEZ		Date Changed 2003-08-16		Time Changed 9:03:15 pm		QA CHK	VER A03	Model Number PC8965	Sheet 29 of 60	F
Engineer CHEN TE-YU		INVENTEC			TITLE CRYSTAL 1.0			Size A3																																					
Drawn by CHEN TE-YU																																													
R&D CHK																																													
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MFG ENGR CHK										F																																			
Changed by EEZ		Date Changed 2003-08-16		Time Changed 9:03:15 pm		QA CHK	VER A03	Model Number PC8965	Sheet 29 of 60																																				
	1	2	3	4	5	6	7	8																																					



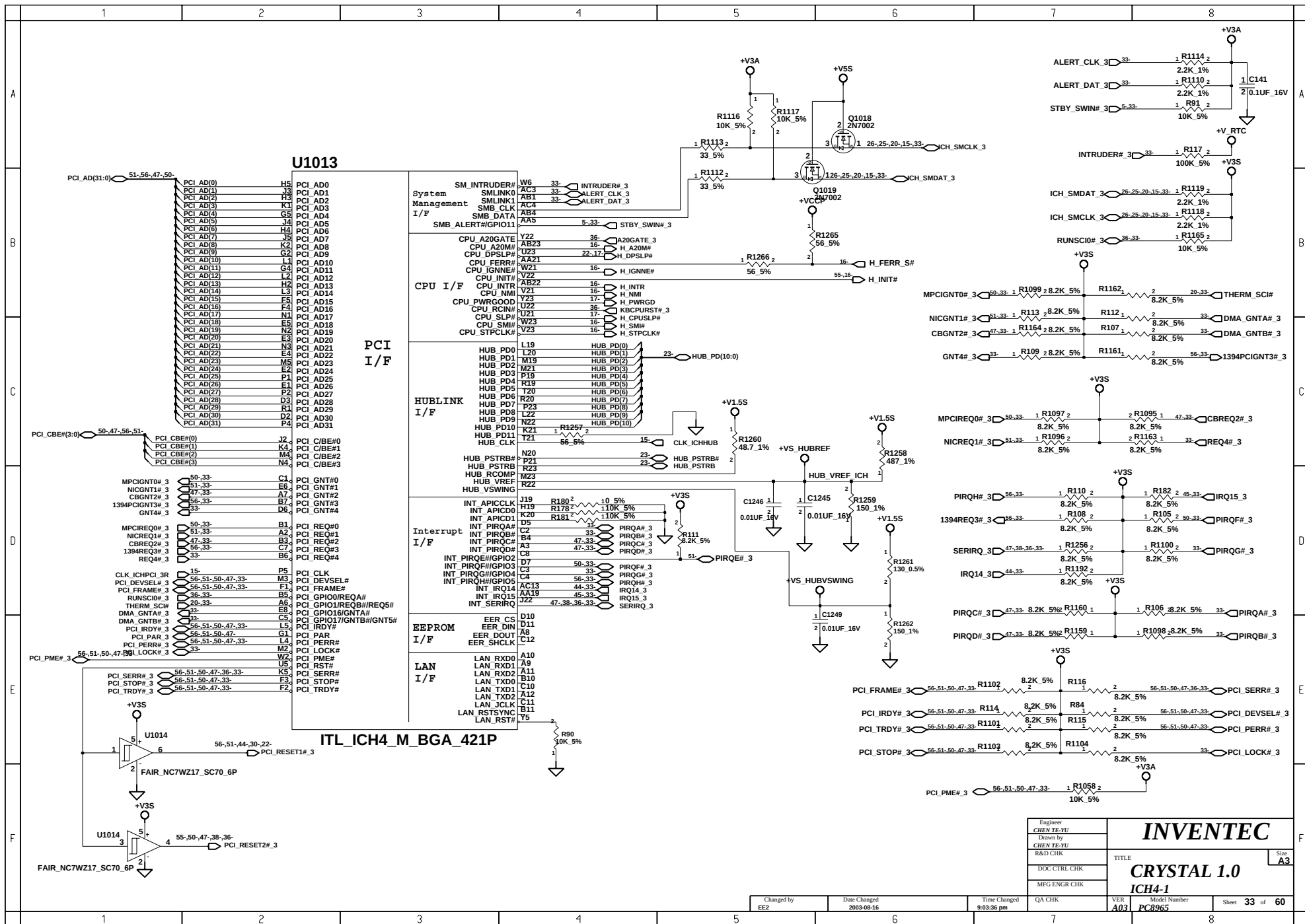


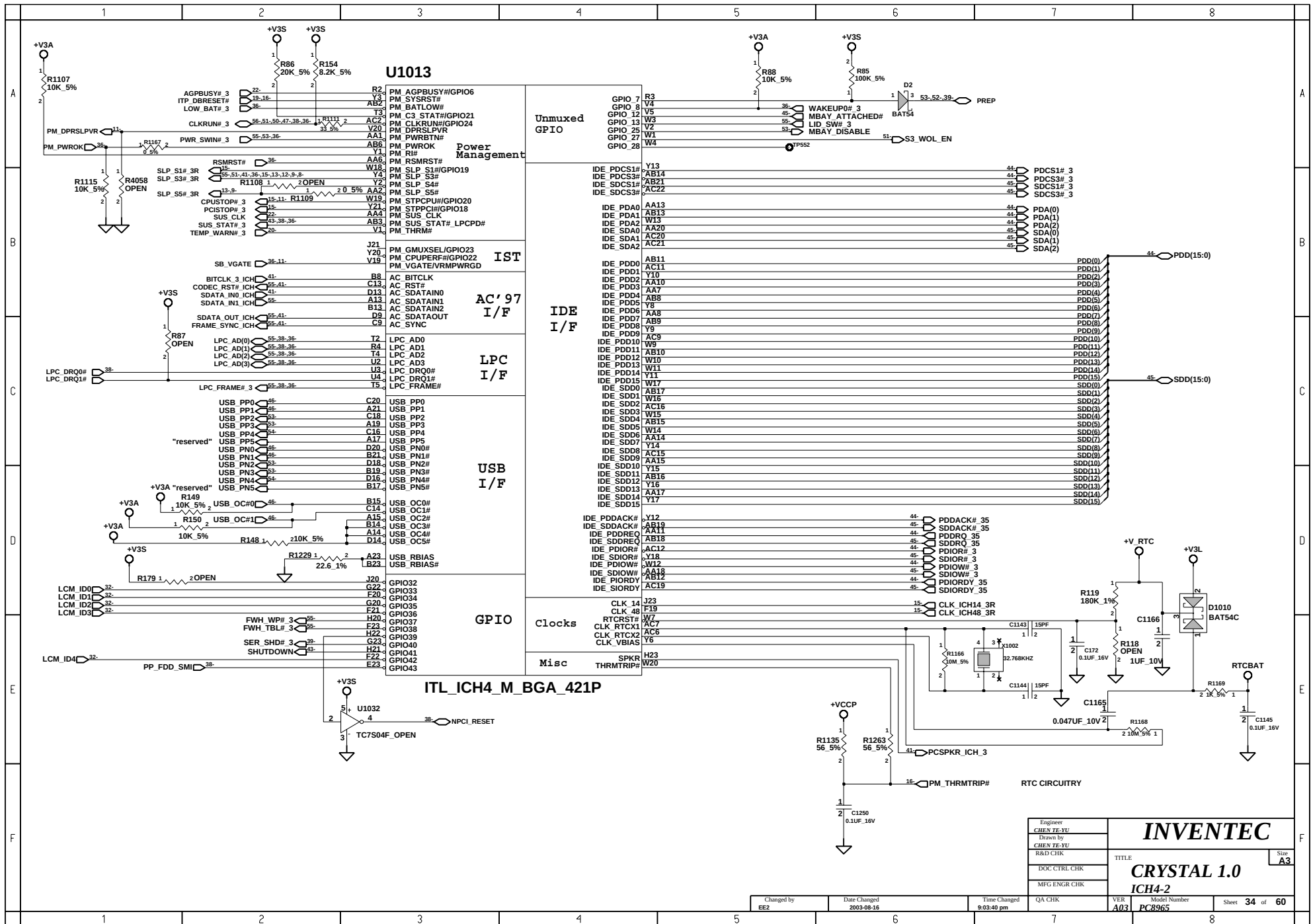
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MFG ENGR CHK	VER A031	Model Number PC8965	Sheet 31 of 60

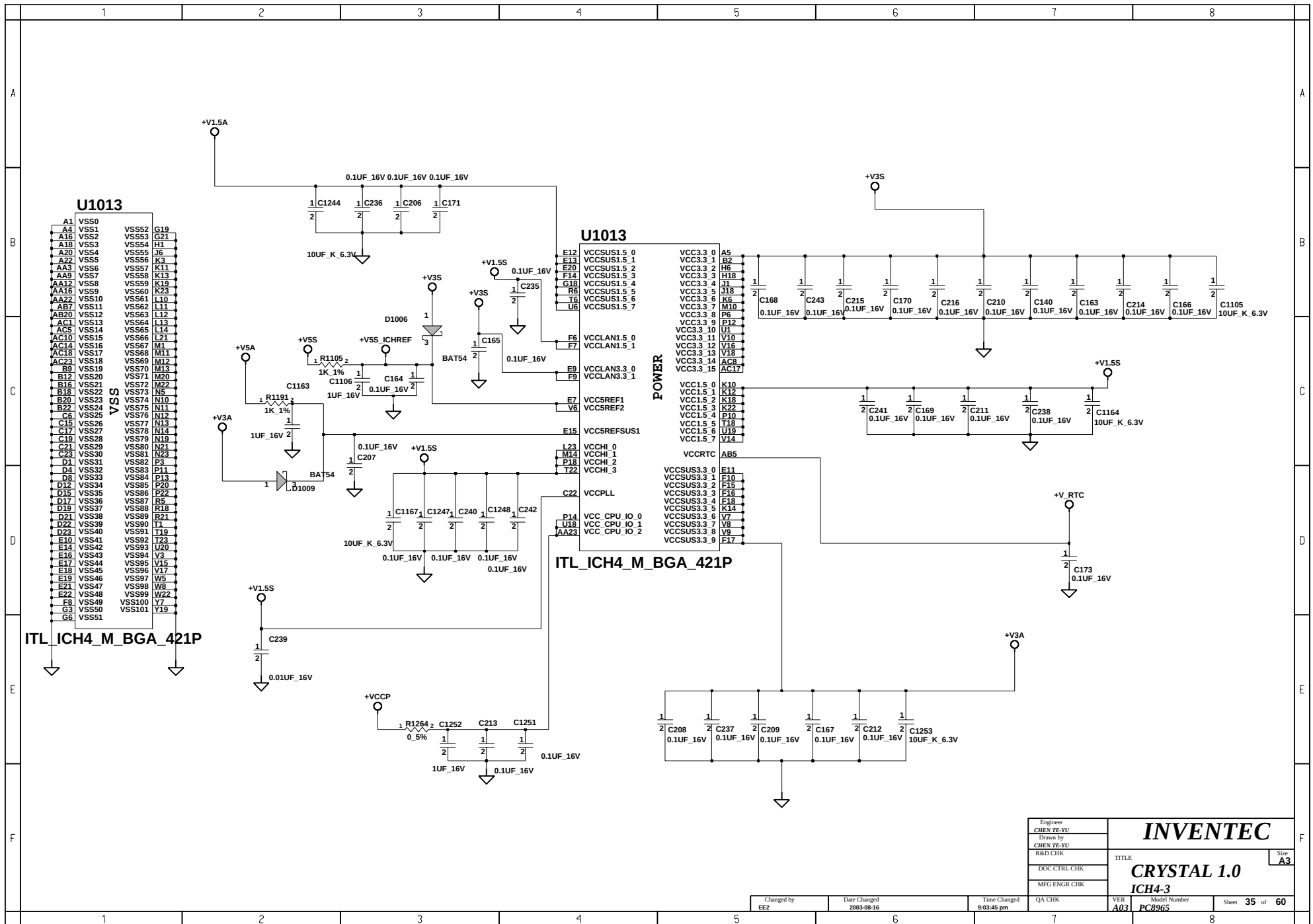


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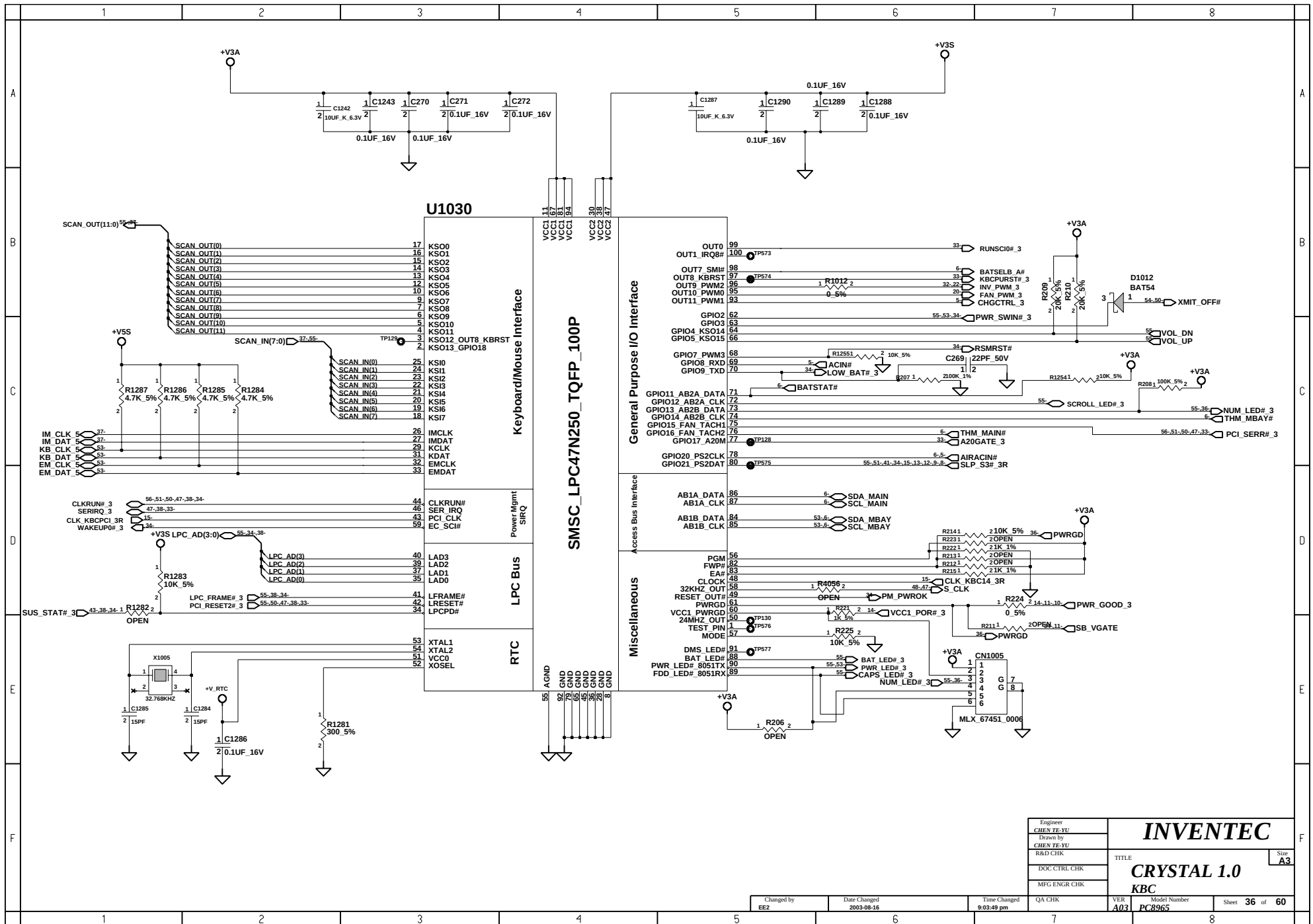
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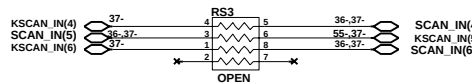
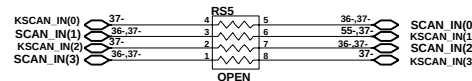
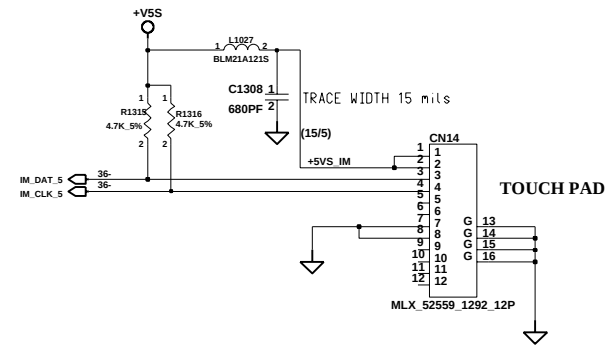
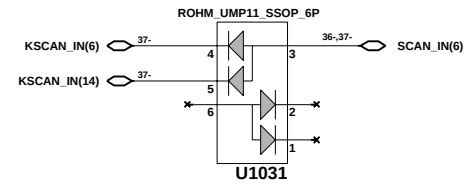
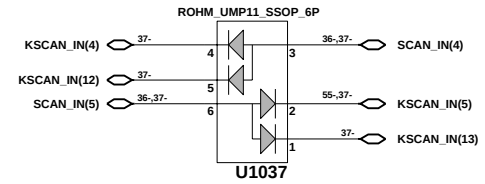
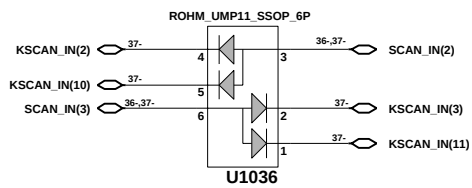
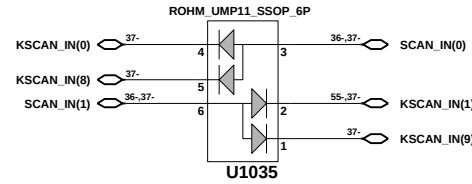
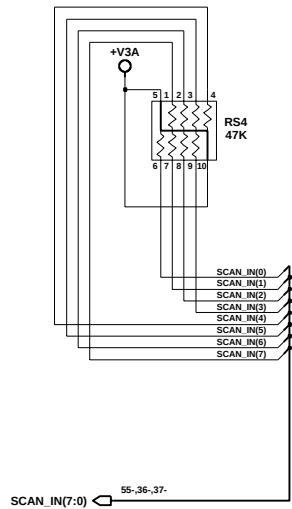
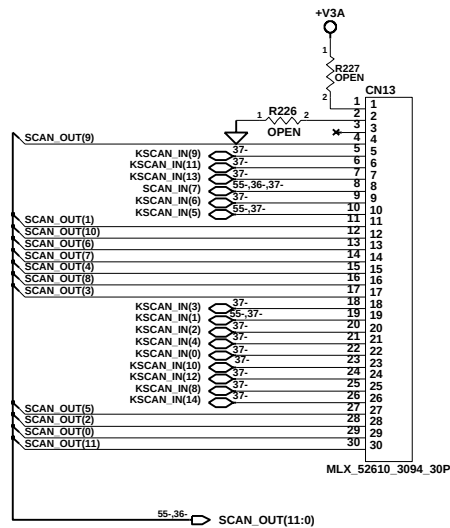




Engineer CHEN TE-YU	INVENTEC TITLE CRYSTAL 1.0 ICH4-3	
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QA CHK	VER A03	Model Number PC8965
Changed by EE2	Date Changed 2003-08-16	Time Changed 8:03:45 pm
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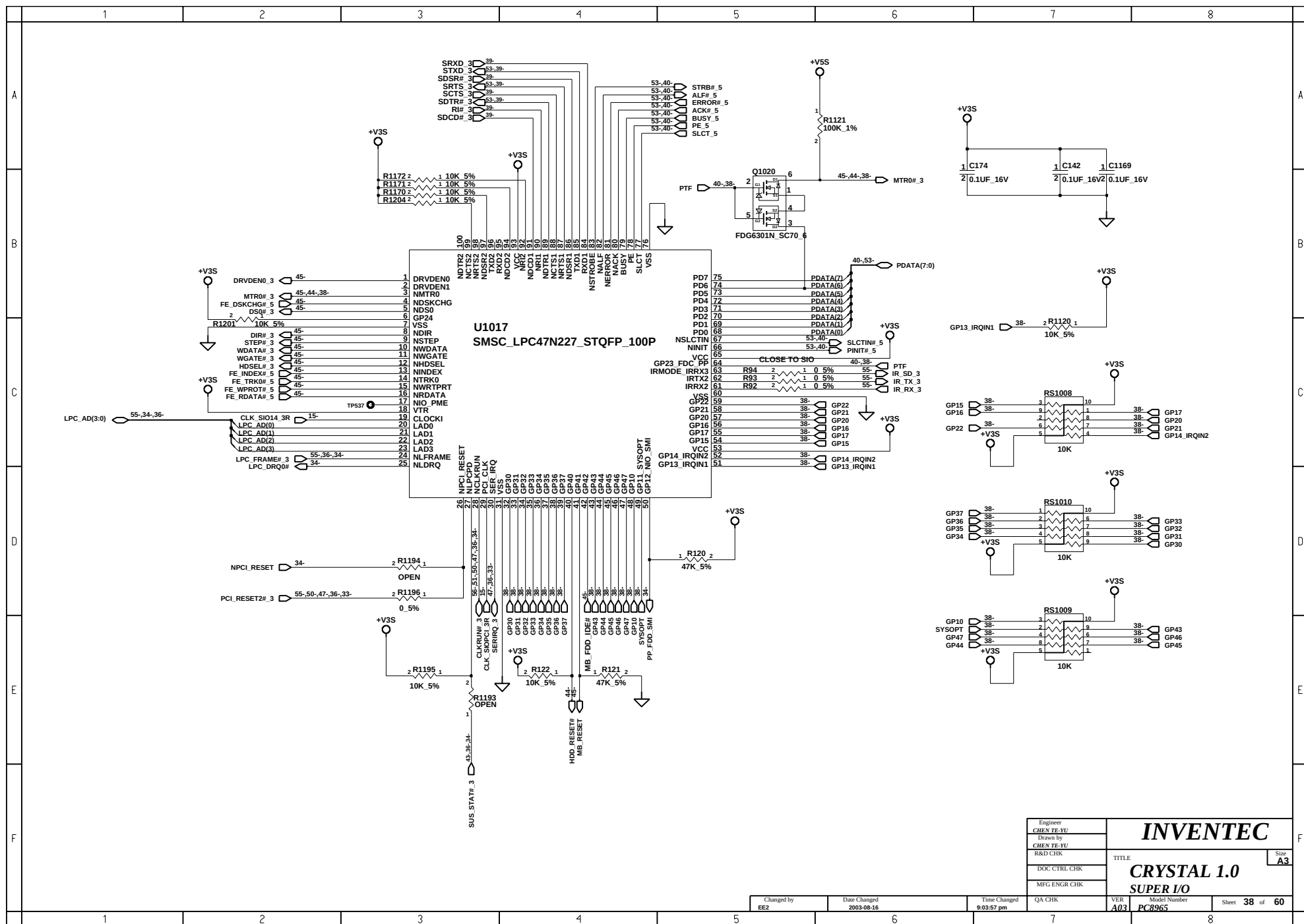
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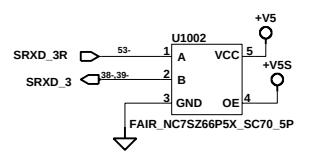
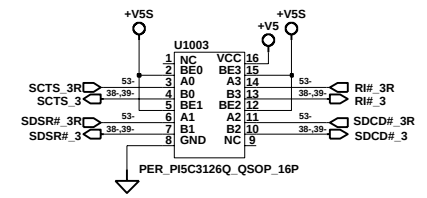
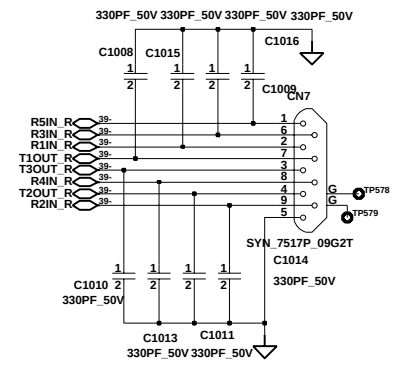
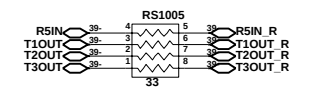
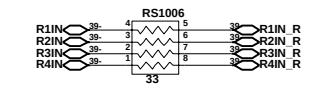
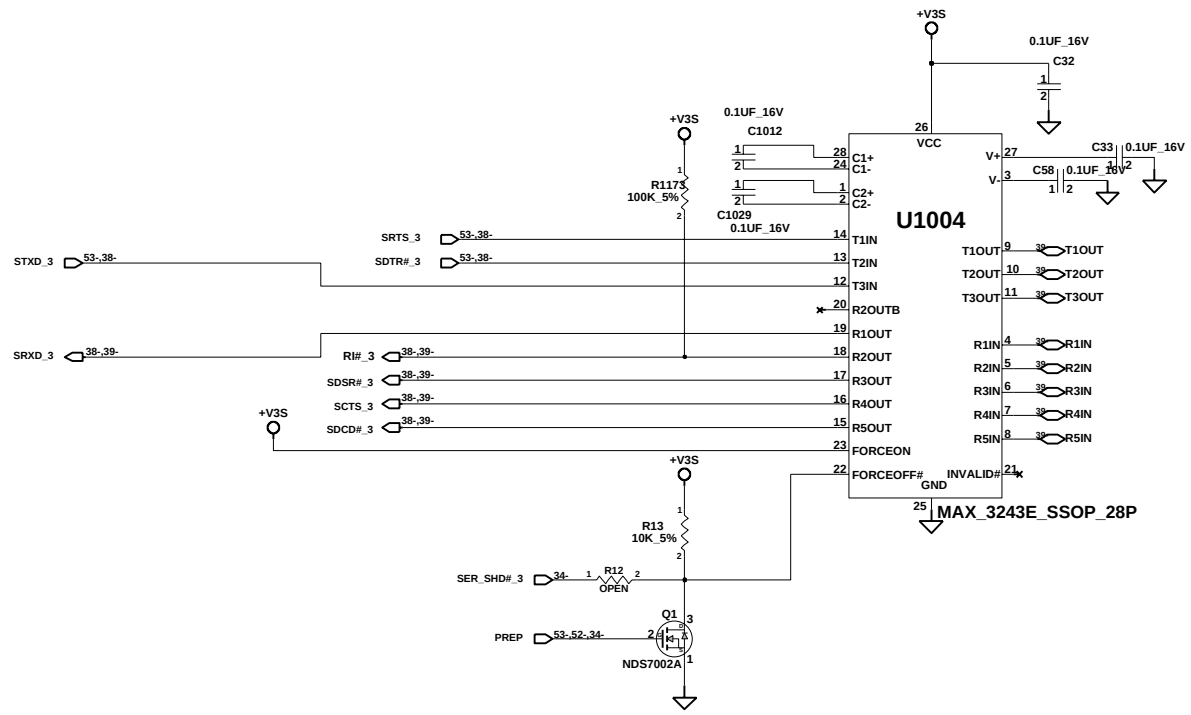


POINT STICK

Engineer CHEN TE-YU	INVENTEC CRYSTAL 1.0 INT.KBC/POINT DEVICES	
Drawn by CHEN TE-YU		
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DOC CTRL CHK		
MFG ENGR CHK	TITLE Model Number PC8965	
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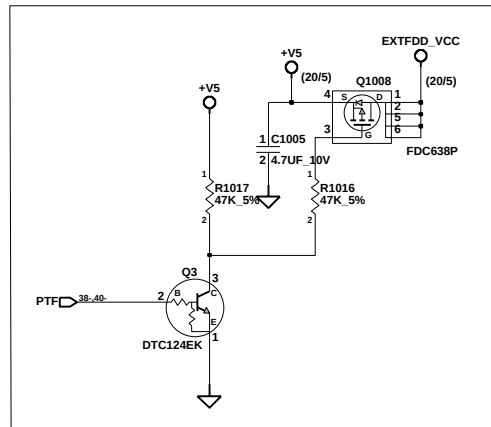
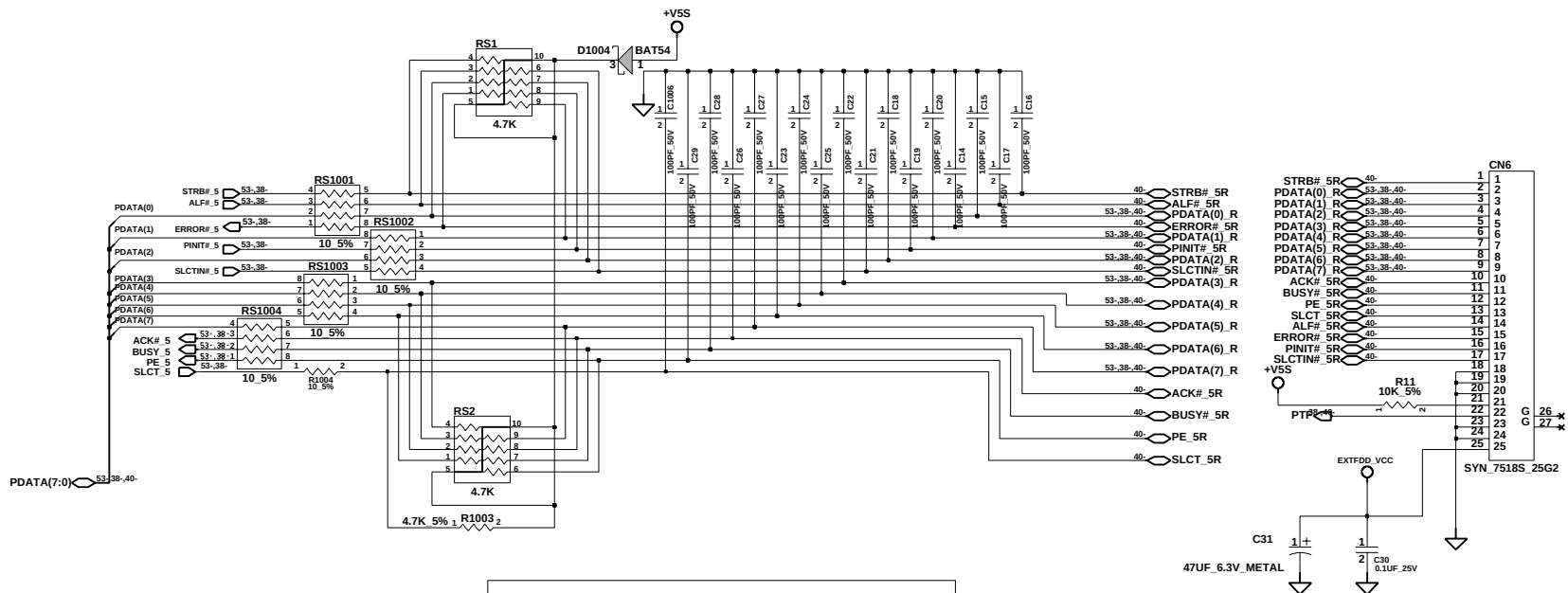
Changed by EE2	Date Changed 2003-08-16	Time Changed 9:03:53 pm
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Engineer CHEN TE-YU	INVENTEC		TITLE CRYSTAL 1.0 SERIAL PORT&IR	Size A3
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R&D CHK				
DOC CTRL CHK				
MFG ENGR CHK	VER A03	Model Number PC8965	Sheet 39	of 60

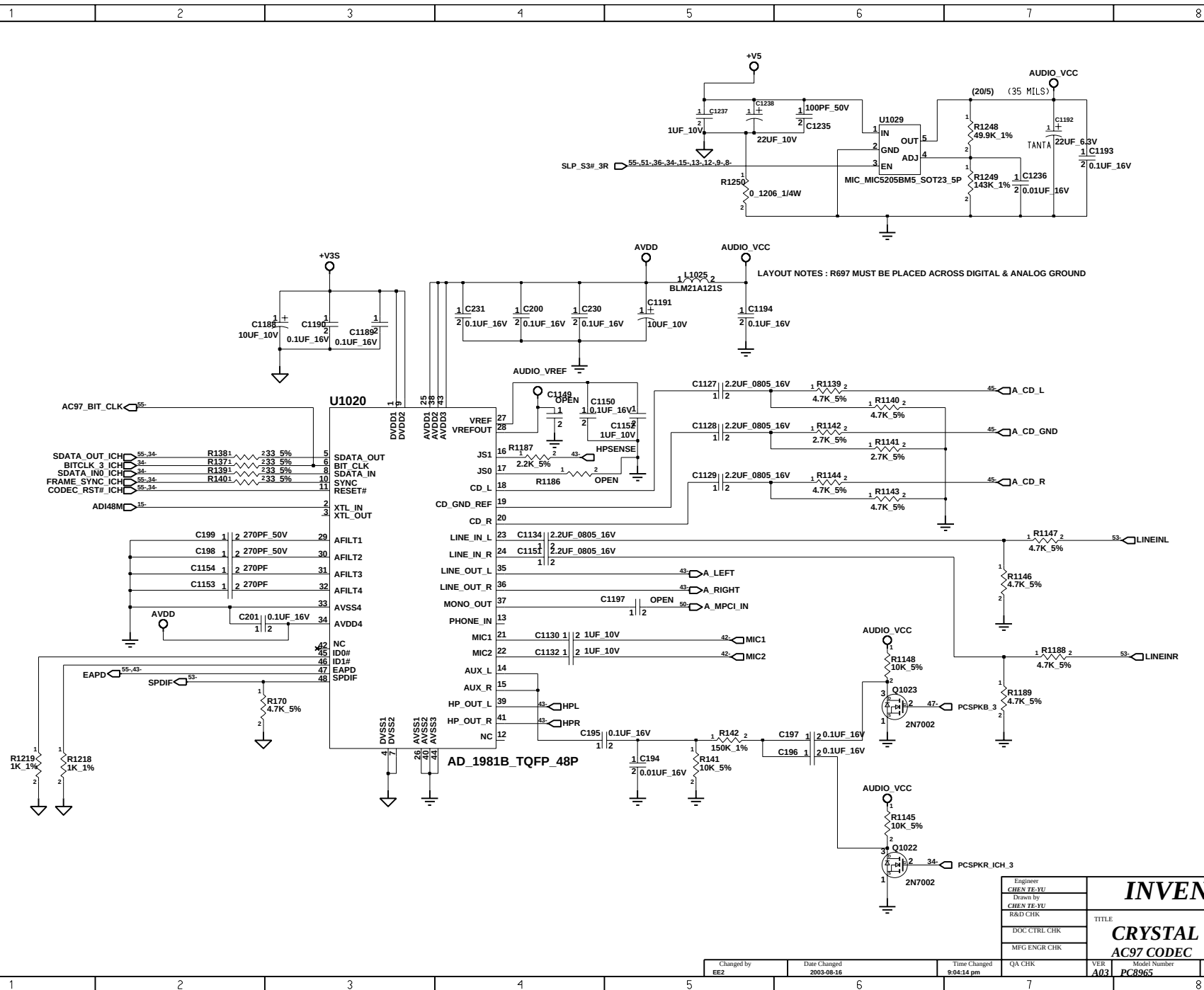
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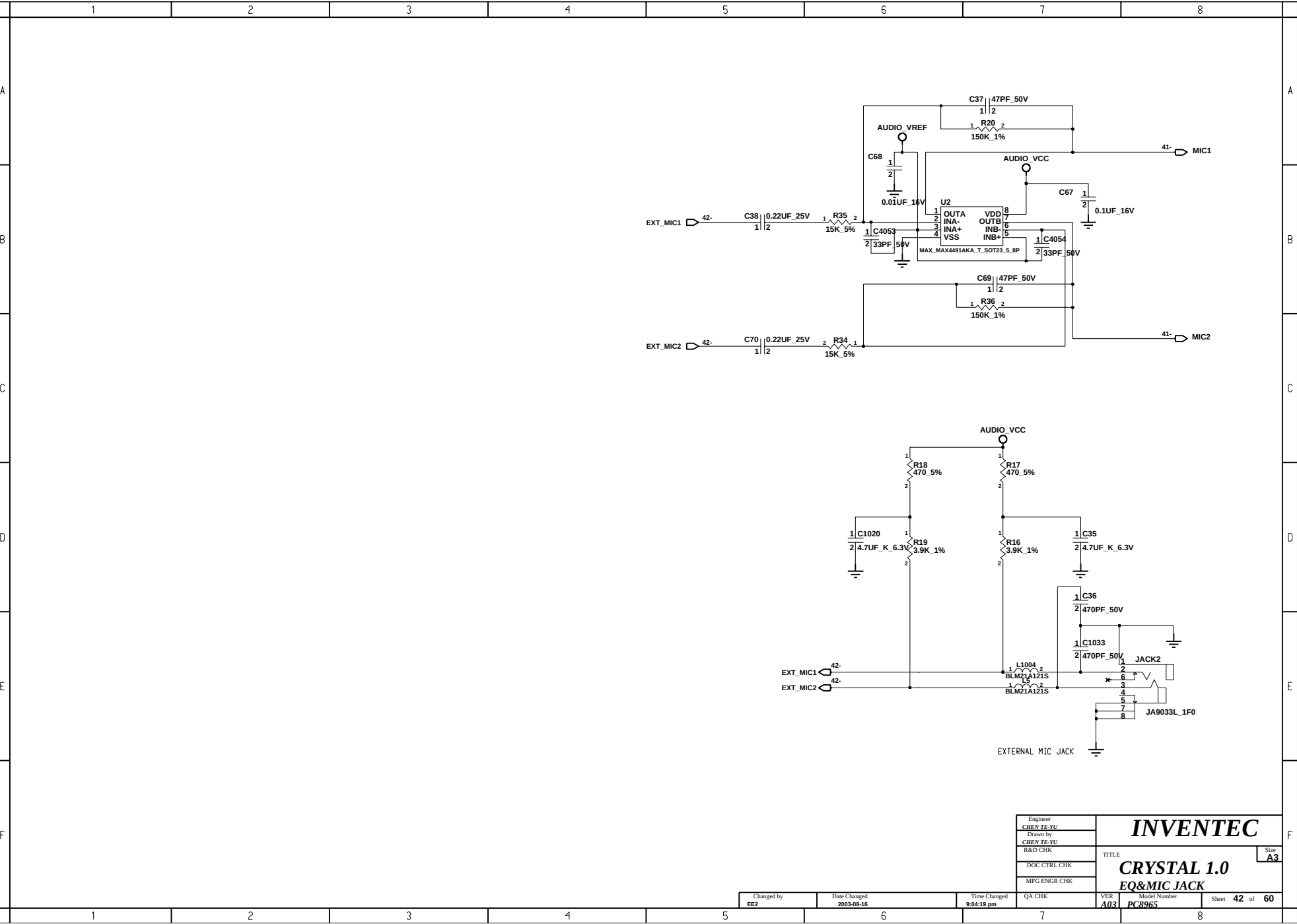


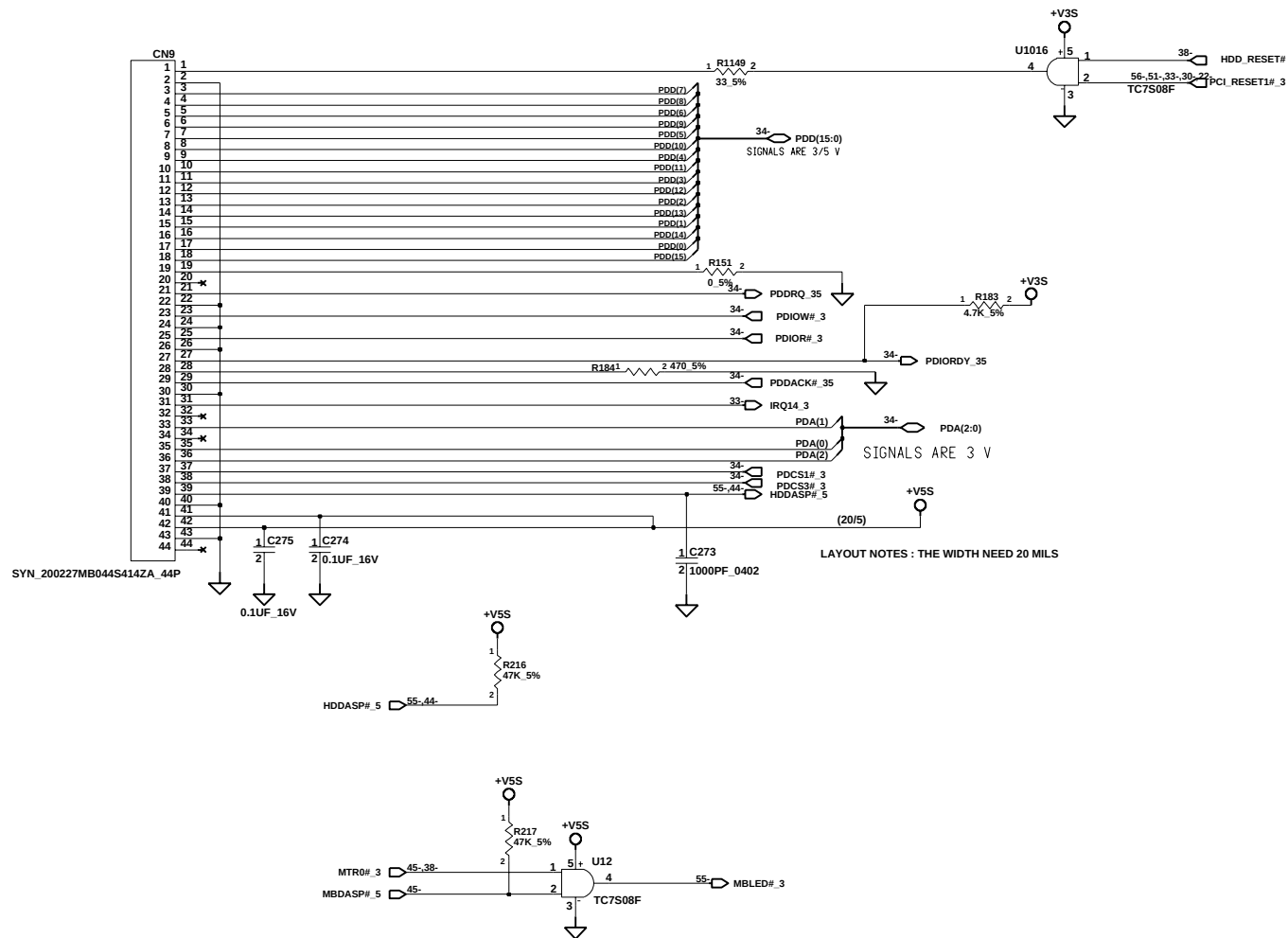
LAYOUT NOTES : PUT THESE CIRCUIT CLOSE TO PARALLER PORT

Engineer CHEN TE-YU	INVENTEC TITLE: CRYSTAL 1.0 PARALLEL PORT Model Number: PC8965	
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DOC CTRL CHK		
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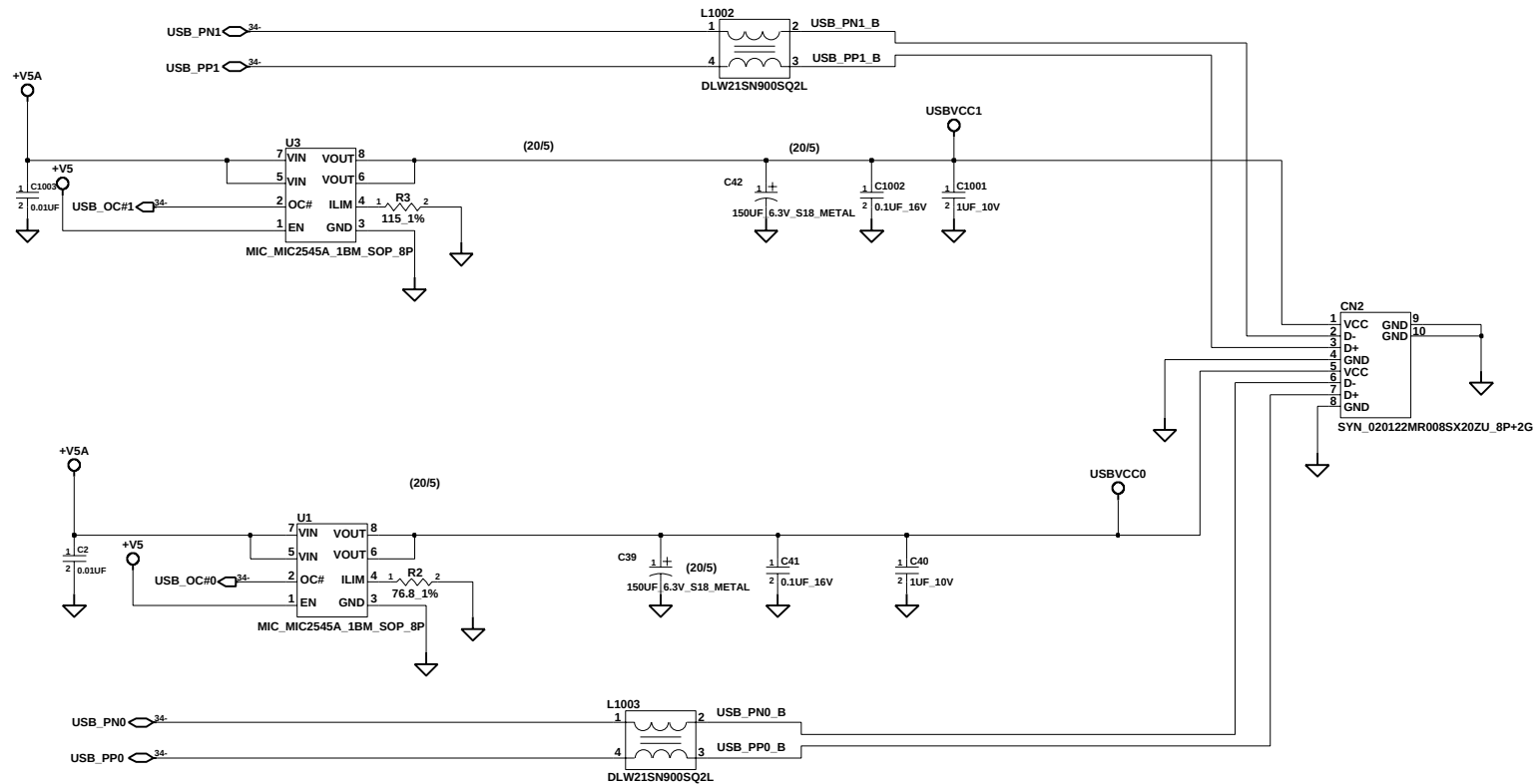
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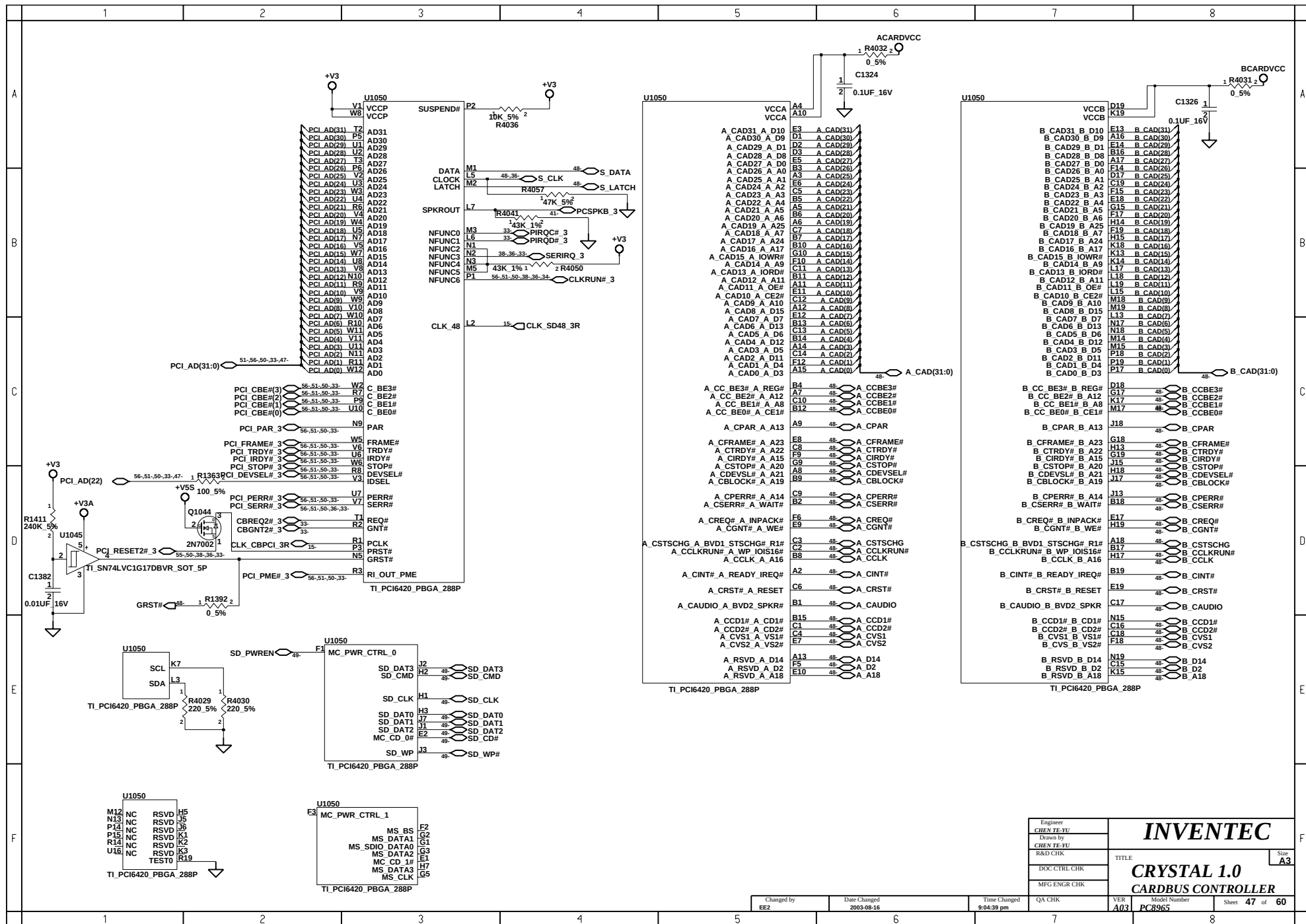


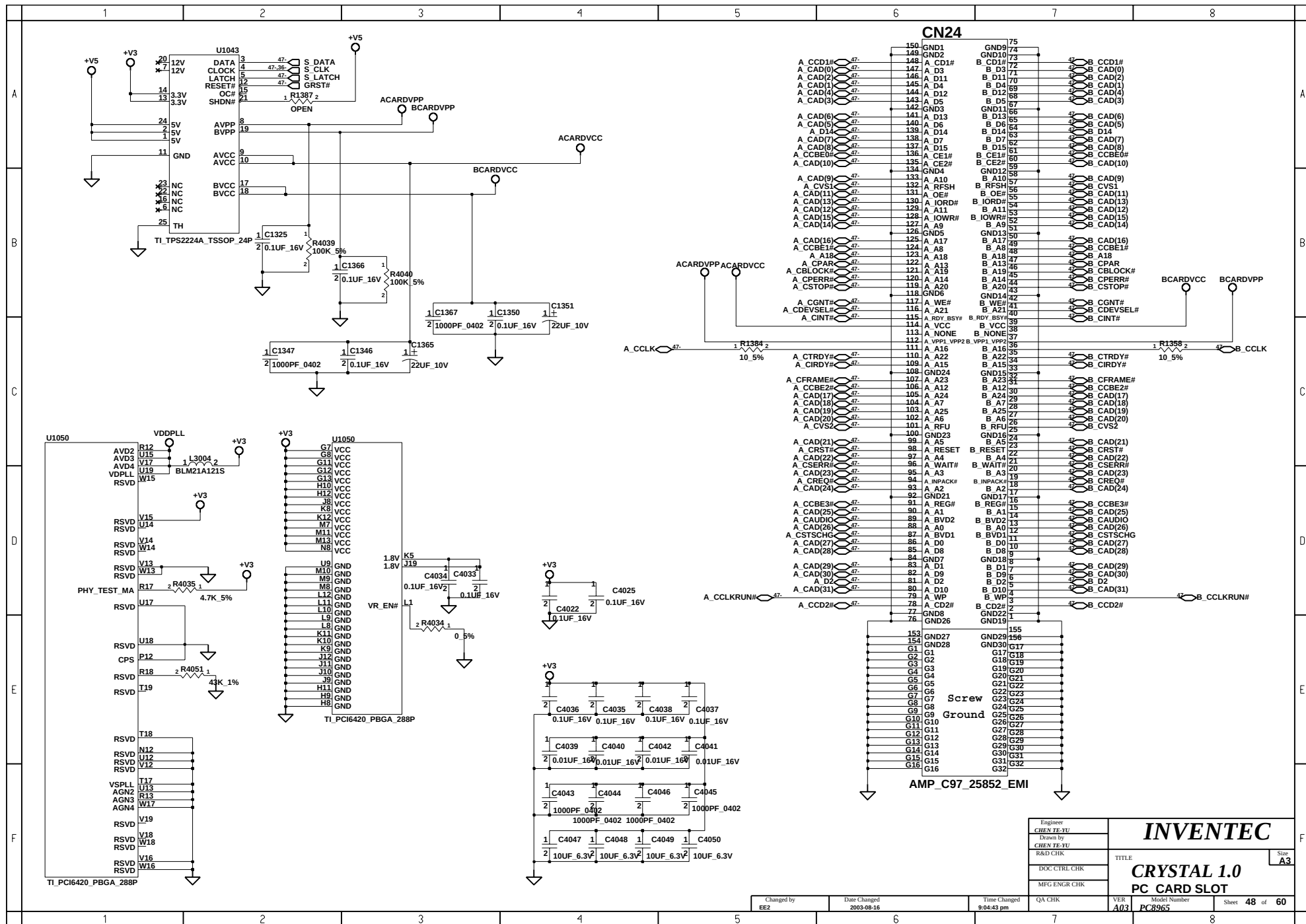
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Drawn by CHEN TE-YU					
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MFG ENGR CHK					
pt	QA CHK	VER A03	Model Number PC8965	Sheet 44 of 60	

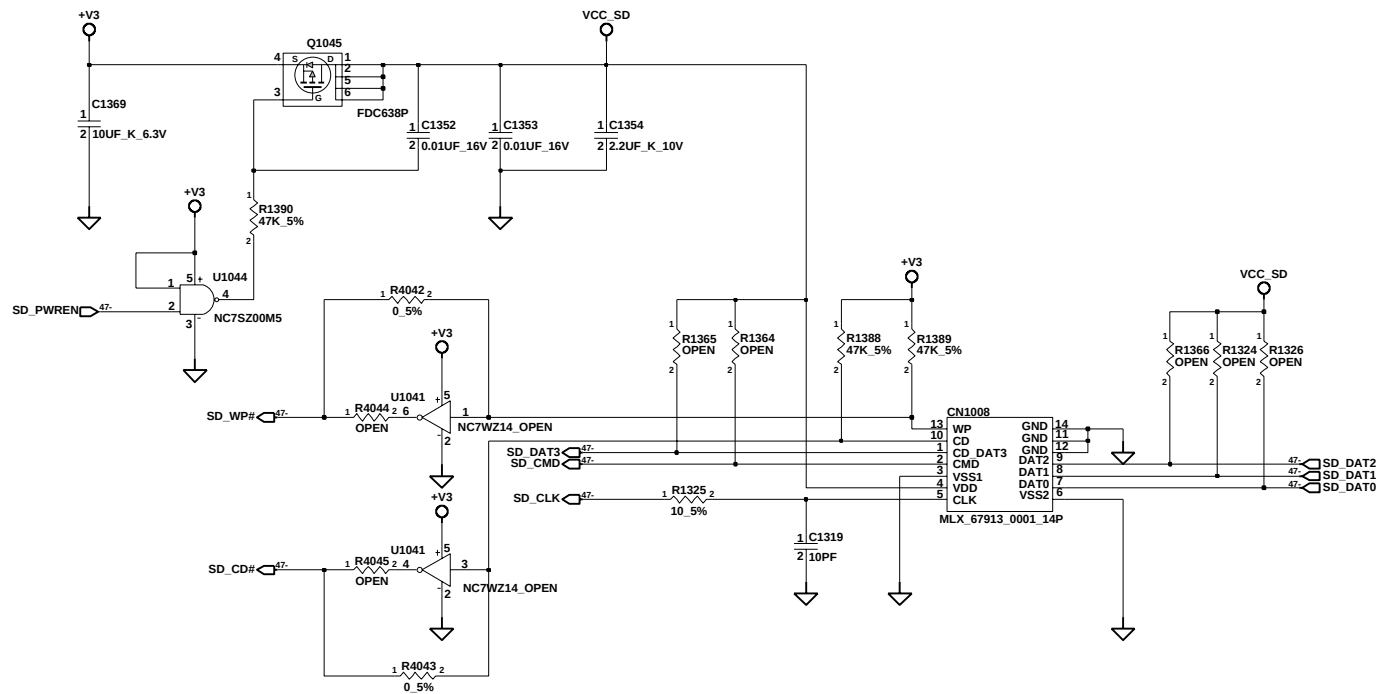


Engineer CHEN TE-YU		INVENTEC			Size A3
Drawn by CHEN TE-YU					
R&D CHK					
DOC CTRL CHK					
MFG ENGR CHK		TITLE CRYSTAL 1.0 USB&IR CONN			
pt	QA CHK	VER A03	Model Number PC8965	Sheet 46	of 60

Changed by EE2	Date Changed 2003-08-16	Time Changed 9:04:35 pm
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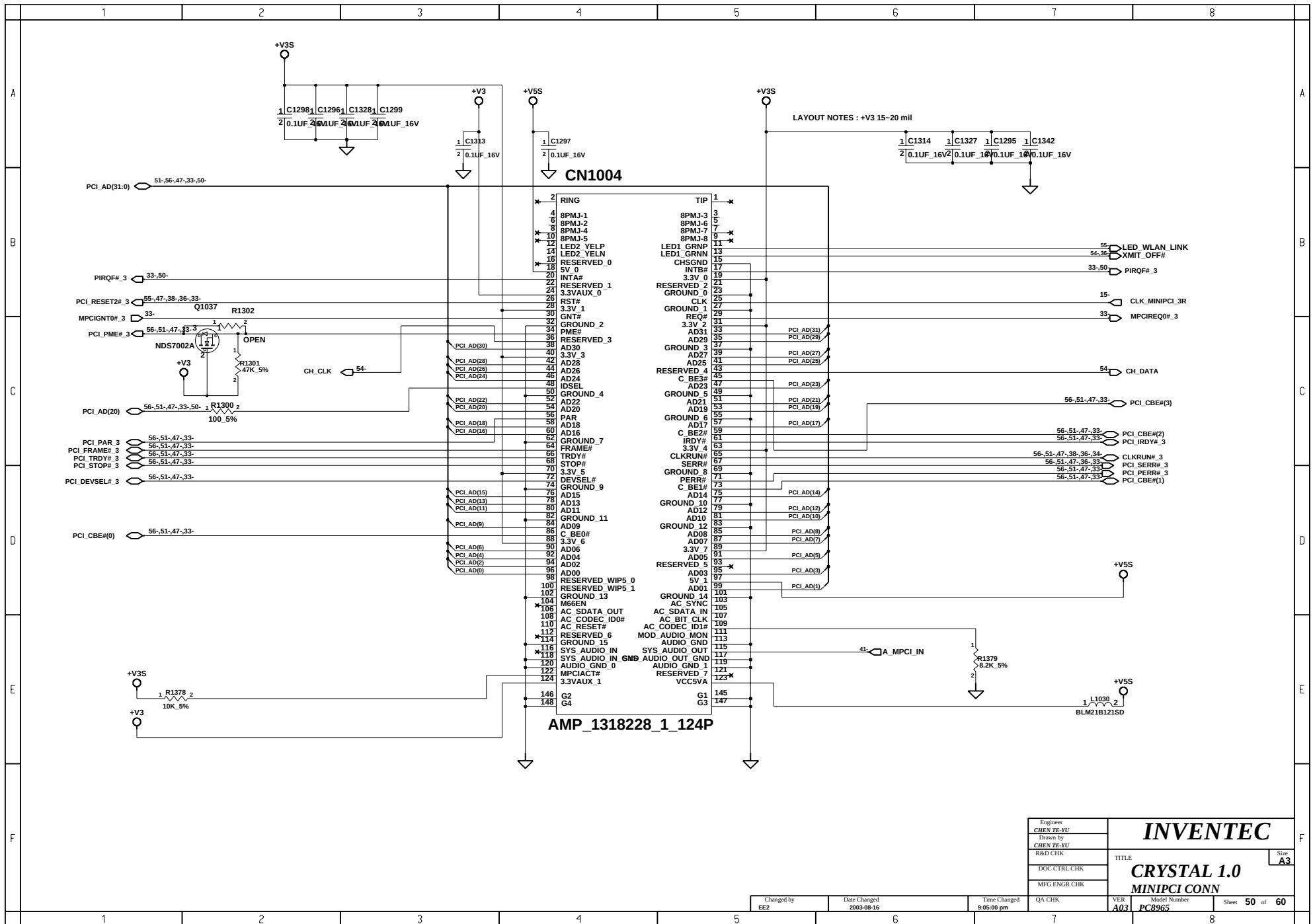






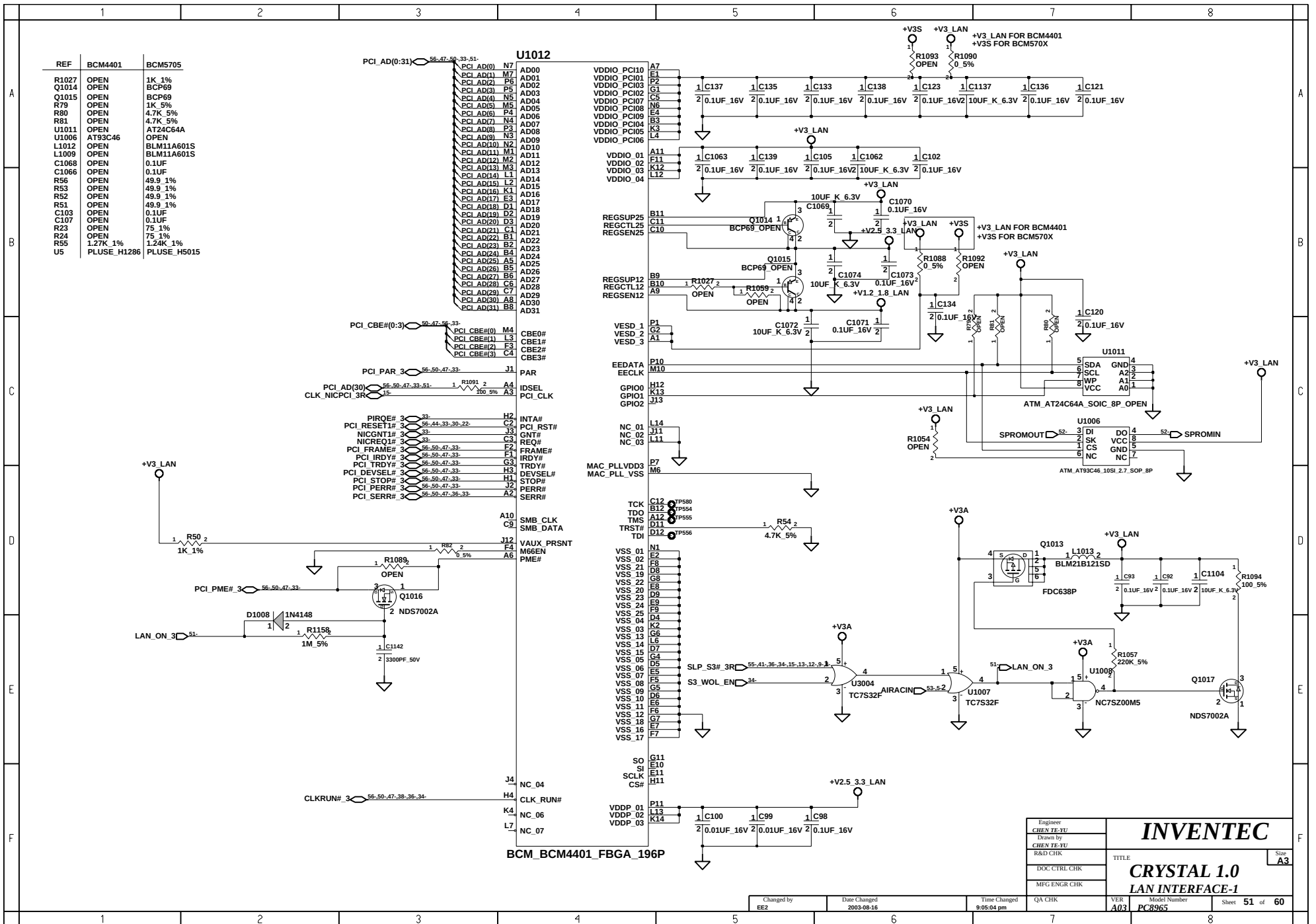
Engineer CHEN TE-YU	INVENTEC TITLE CRYSTAL 1.0 SD CARD			Size A3
Drawn by CHEN TE-YU				
R&D CHK				
DOC CTRL CHK				
MFG ENGR CHK	VER A031	Model Number PC8965	Sheet 49 of 60	

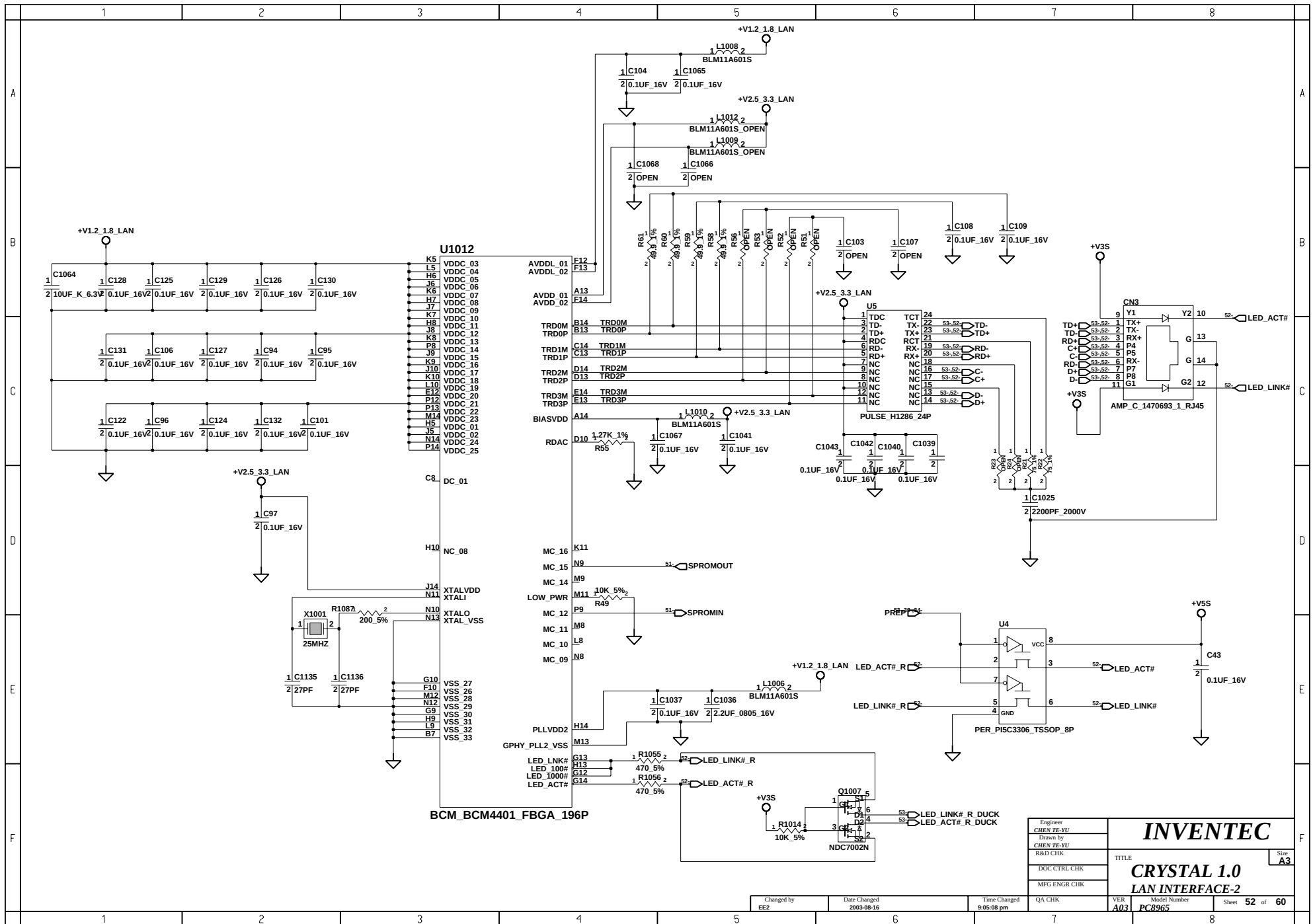
Changed by EE2	Date Changed 2003-08-16	Time Changed 9:04:50 pm
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Engineer CHEN TE-YU	INVENTEC TITLE CRYSTAL 1.0 MINIPCI CONN	
Drawn by CHEN TE-YU		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK	Model Number PC8965	Sheet 50 of 60

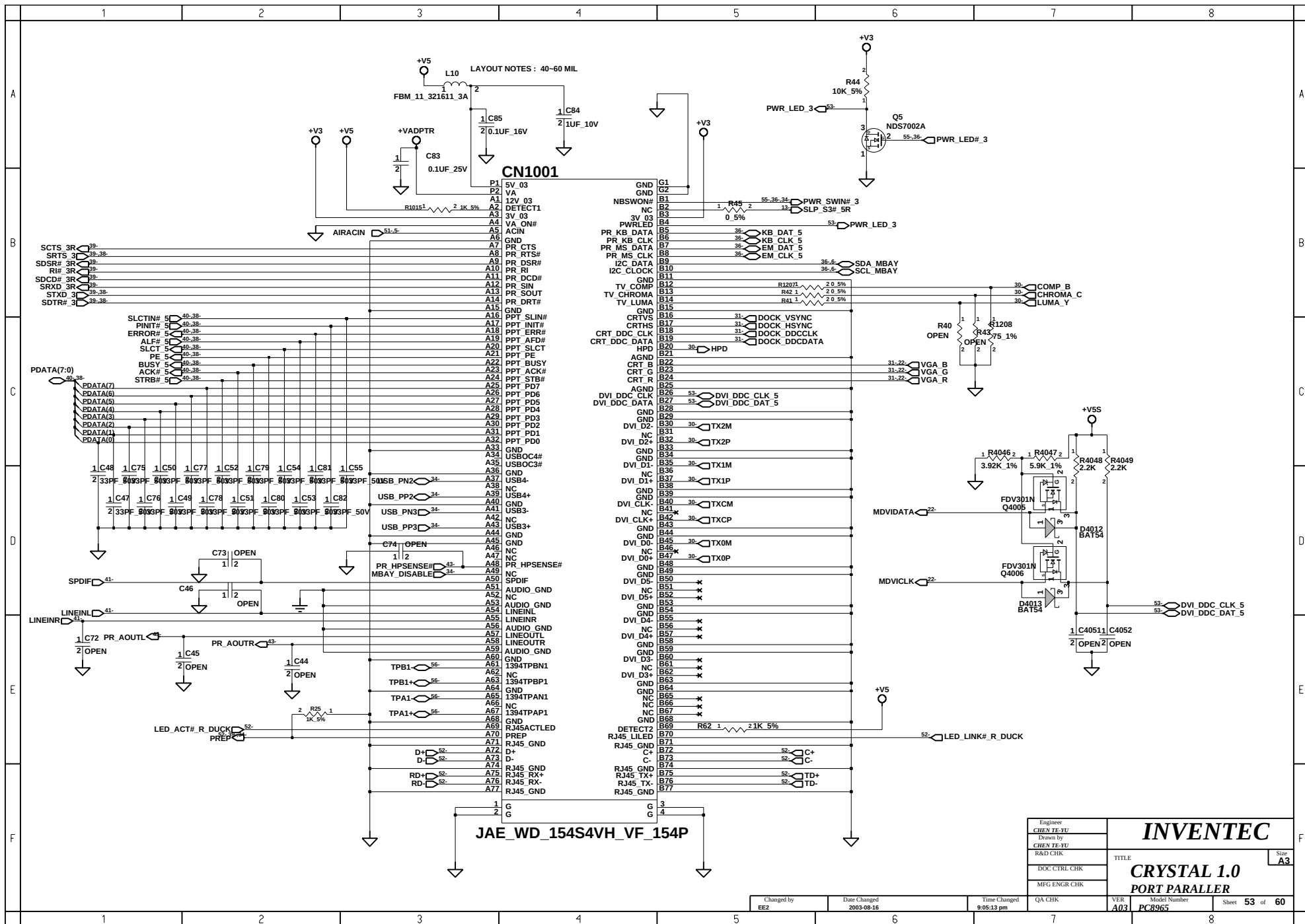
Changed by EE2	Date Changed 2003-08-16	Time Changed 9:05:00 pm
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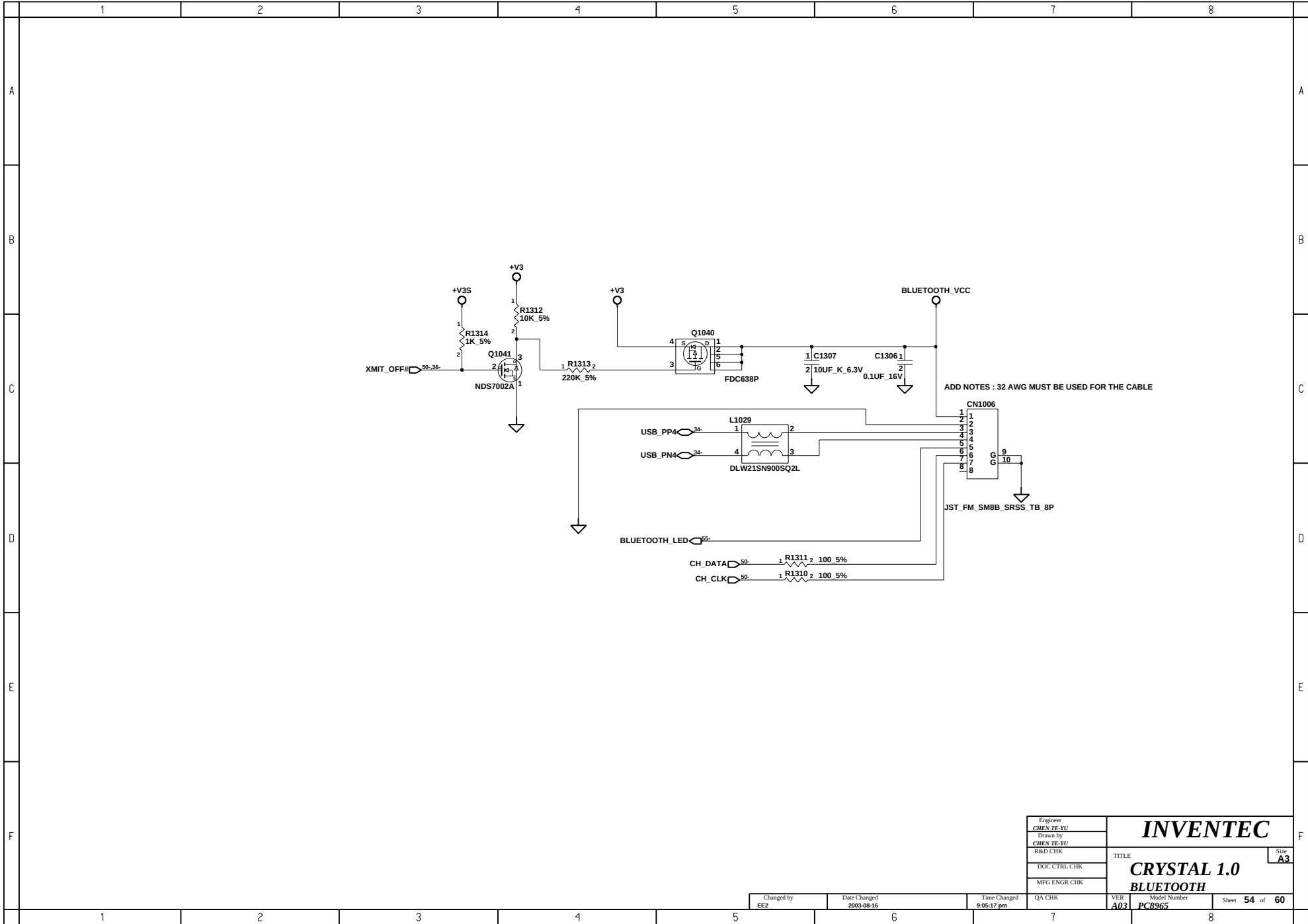




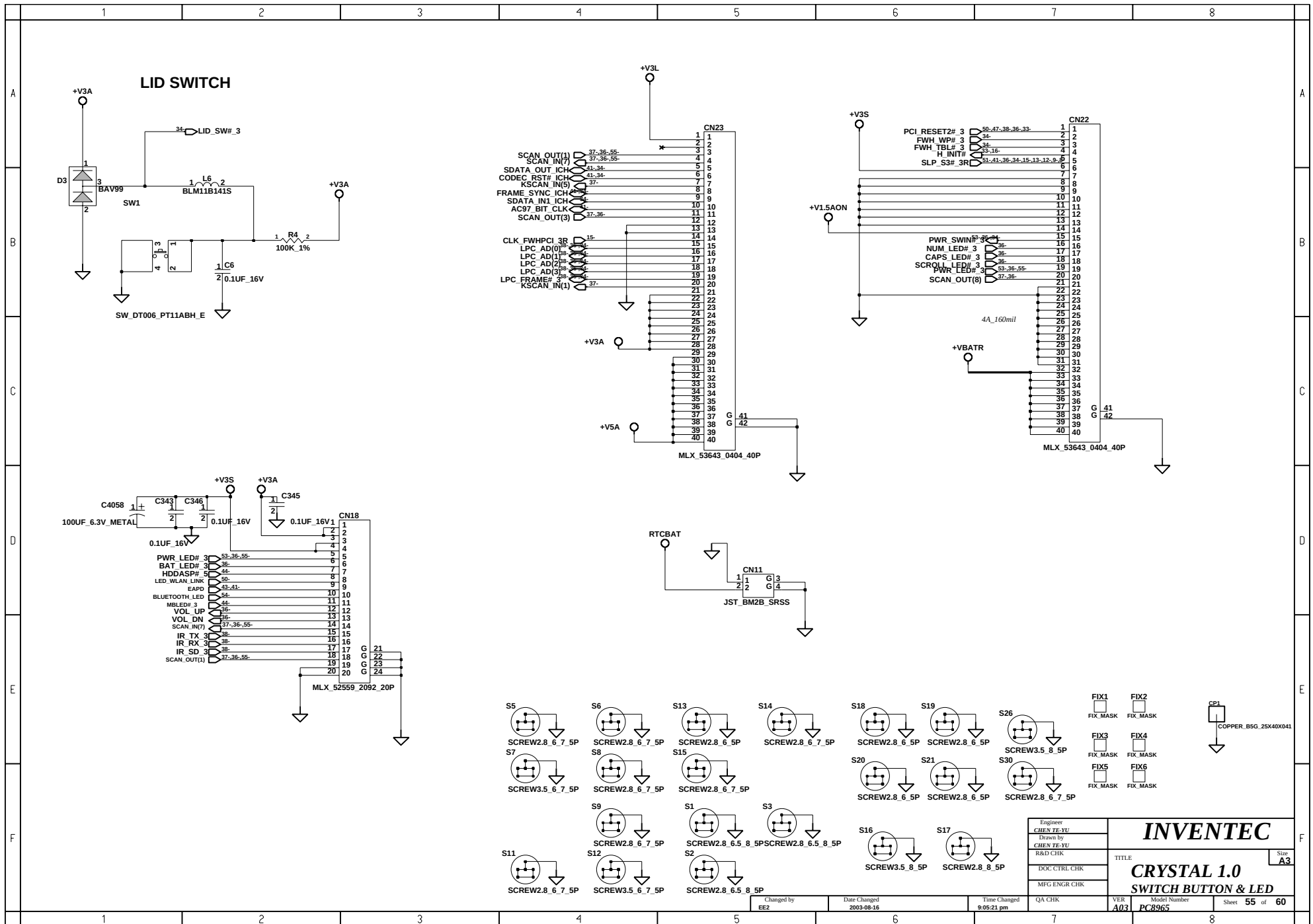
Engineer CHEN TE-YU		INVENTEC TITLE CRYSTAL 1.0 LAN INTERFACE-2		Size A3	
Drawn by CHEN TE-YU					
R&D CHK					
DOC CTRL CHK					
MFG ENGR CHK					
QA CHK		VER A03	Model Number PC8965		Sheet 52 of 60

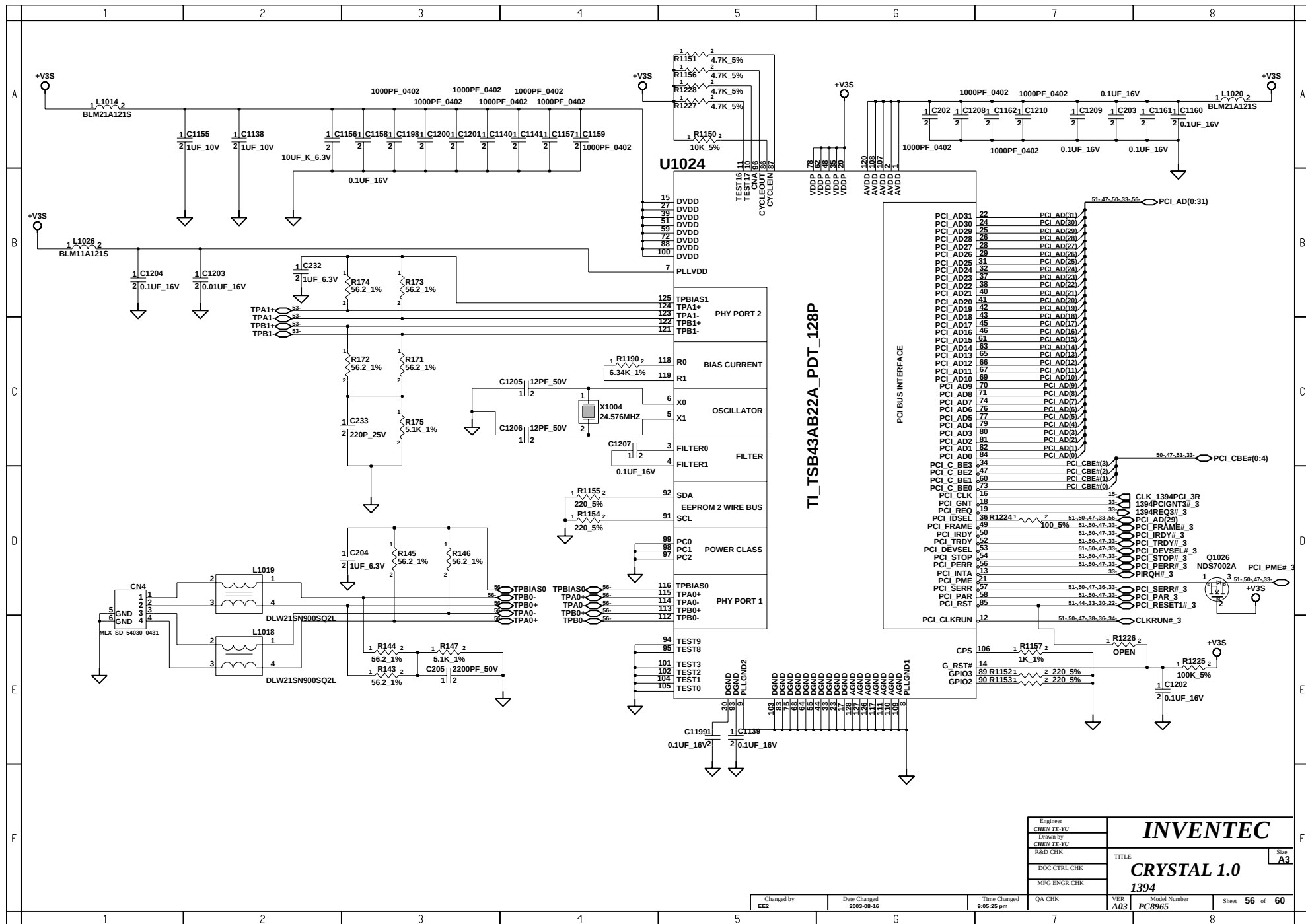
Changed by EE2	Date Changed 2003-08-16	Time Changed 9:05:08 pm	QA CHK
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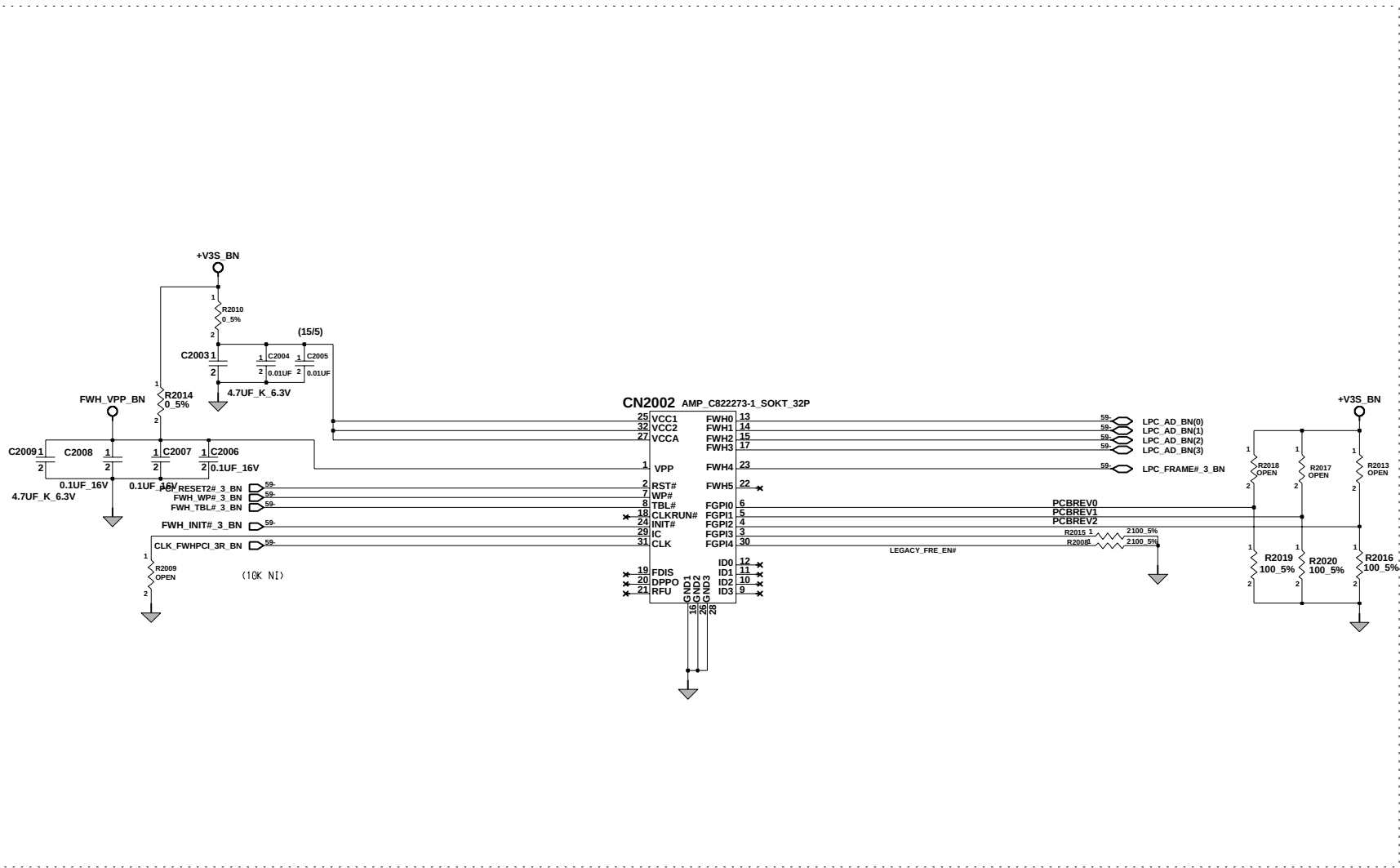




Engineer	CHEN TE-YU	INVENTEC	
Drawn by	CHEN TE-YU		
R&D CHK		TITLE	Size
DOC CTRL CHK		CRYSTAL 1.0	A3
MFG ENGR CHK		BLUETOOTH	



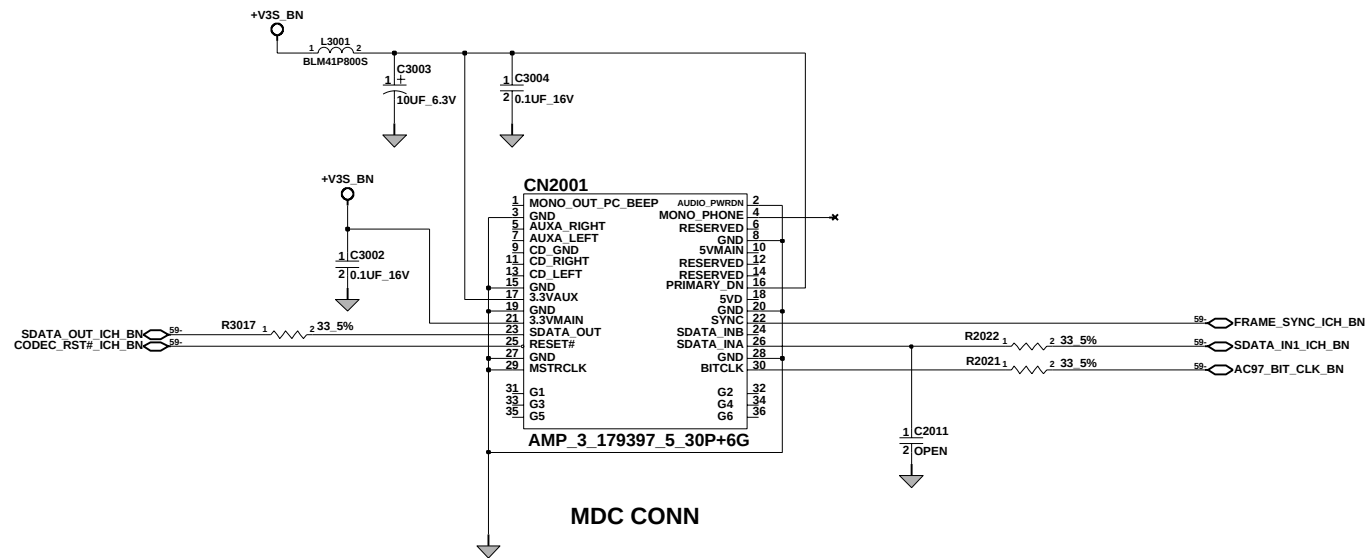




FWH ON BOTTOM DAUGHTER BOARD

Engineer CHEN TE-YU	INVENTEC TITLE CRYSTAL 1.0 FWH	
Drawn by CHEN TE-YU		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK	Model Number PC8965	Sheet 57 of 60
QA CHK	VER A031	

Changed by EE2	Date Changed 2003-08-16	Time Changed 9:05:32 pm
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MDC CONN ON BUTTON DAUGHTER BOARD

Engineer CHEN TE-YU	INVENTEC	
Drawn by CHEN TE-YU	TITLE CRYSTAL 1.0	
R&D CHK	Model Number PC8965	
DOC CTRL CHK	Sheet 58 of 60	
MFG ENGR CHK	Size A3	

Changed by EE2	Date Changed 2003-08-16	Time Changed 8:05:36 pm
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QA CHK	VER A031	Model Number PC8965	Sheet 58 of 60
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