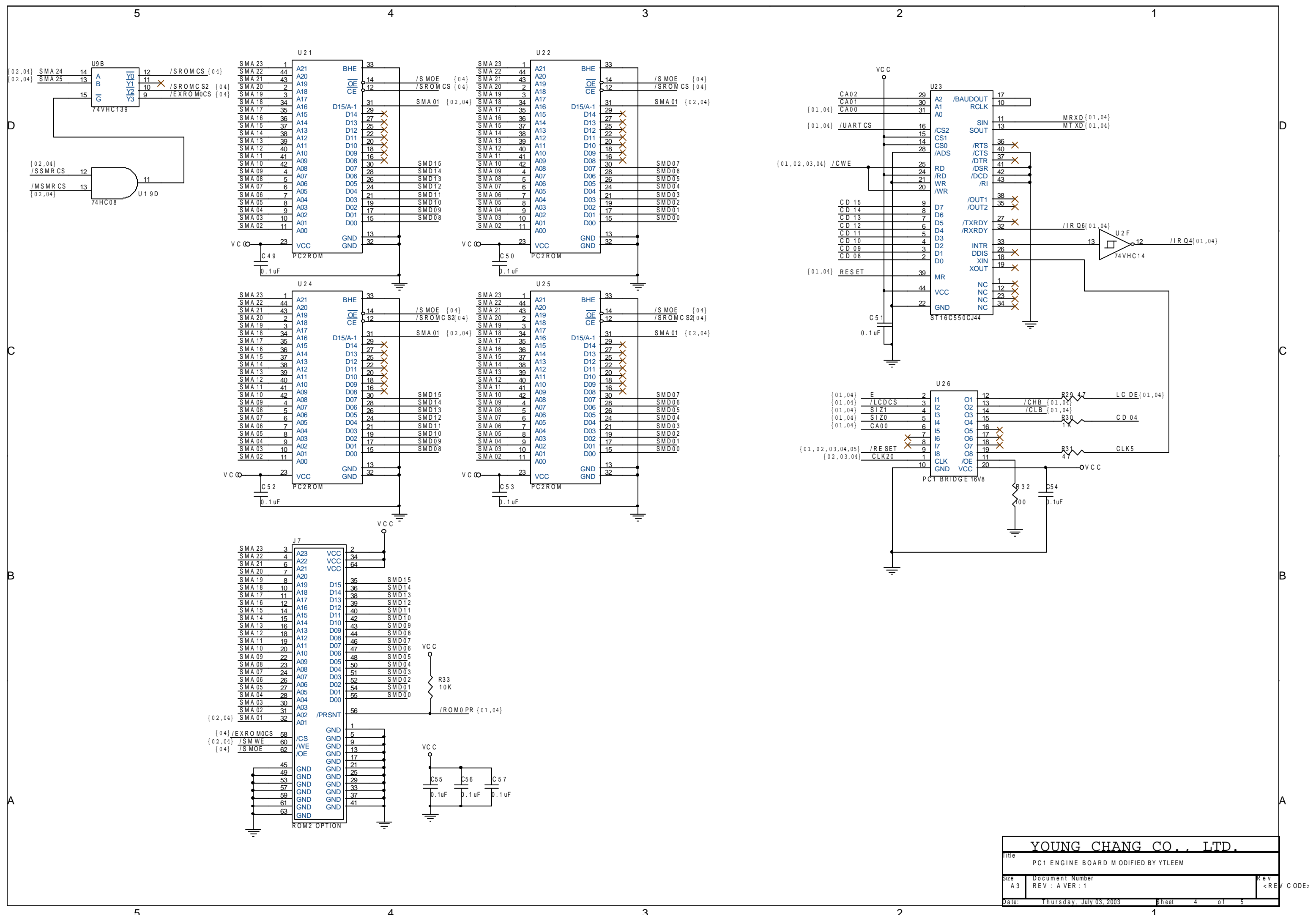
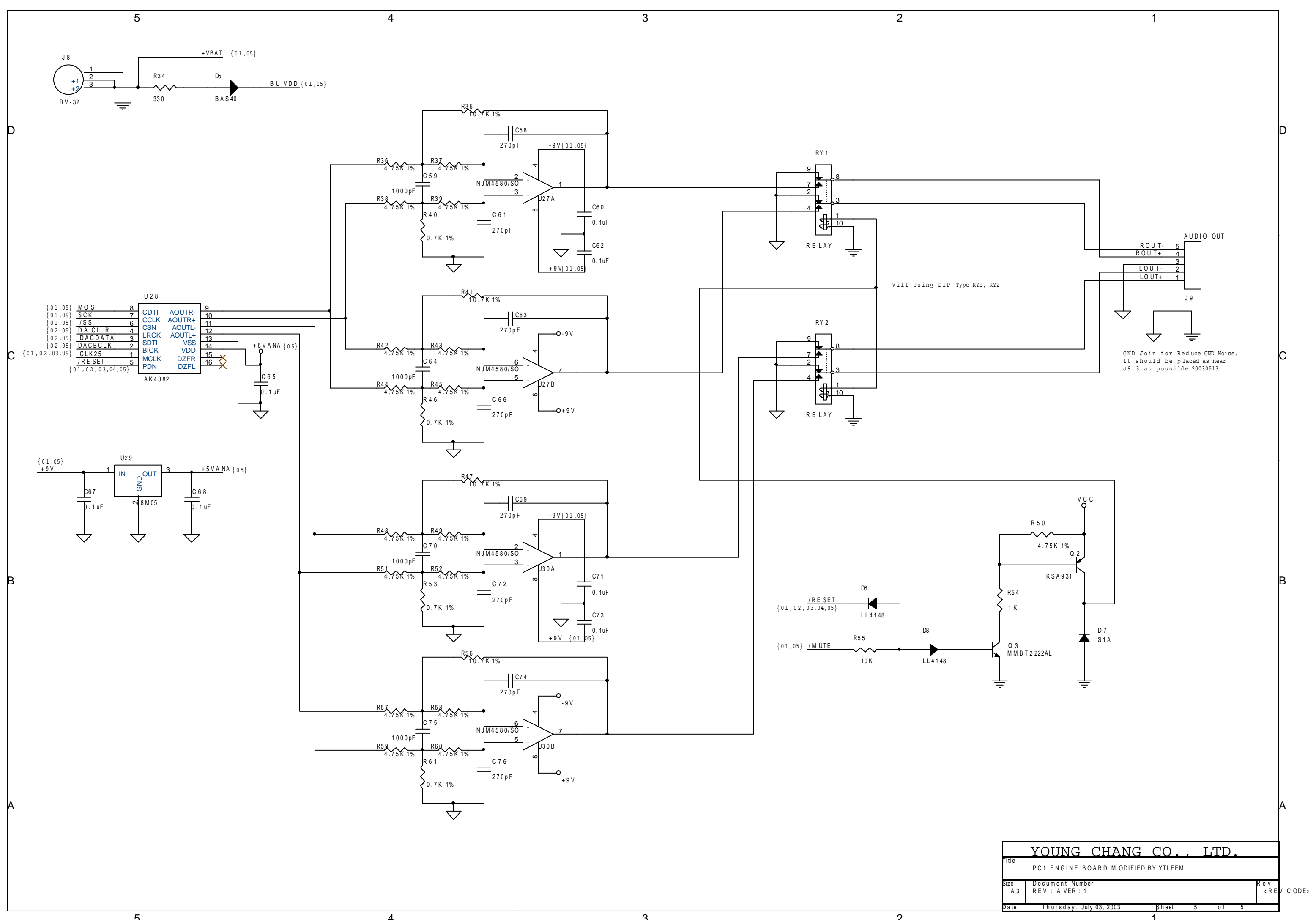


<b>YOUNG CHANG CO., LTD.</b>	
Title PC1 ENGINE BOARD MODIFIED BY YTELEM	
Size A3	Document Number REV : A VER : 1
Date: Monday, September 15, 2003	Sheet 3 of 5

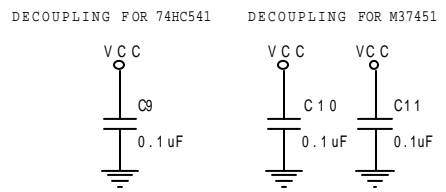
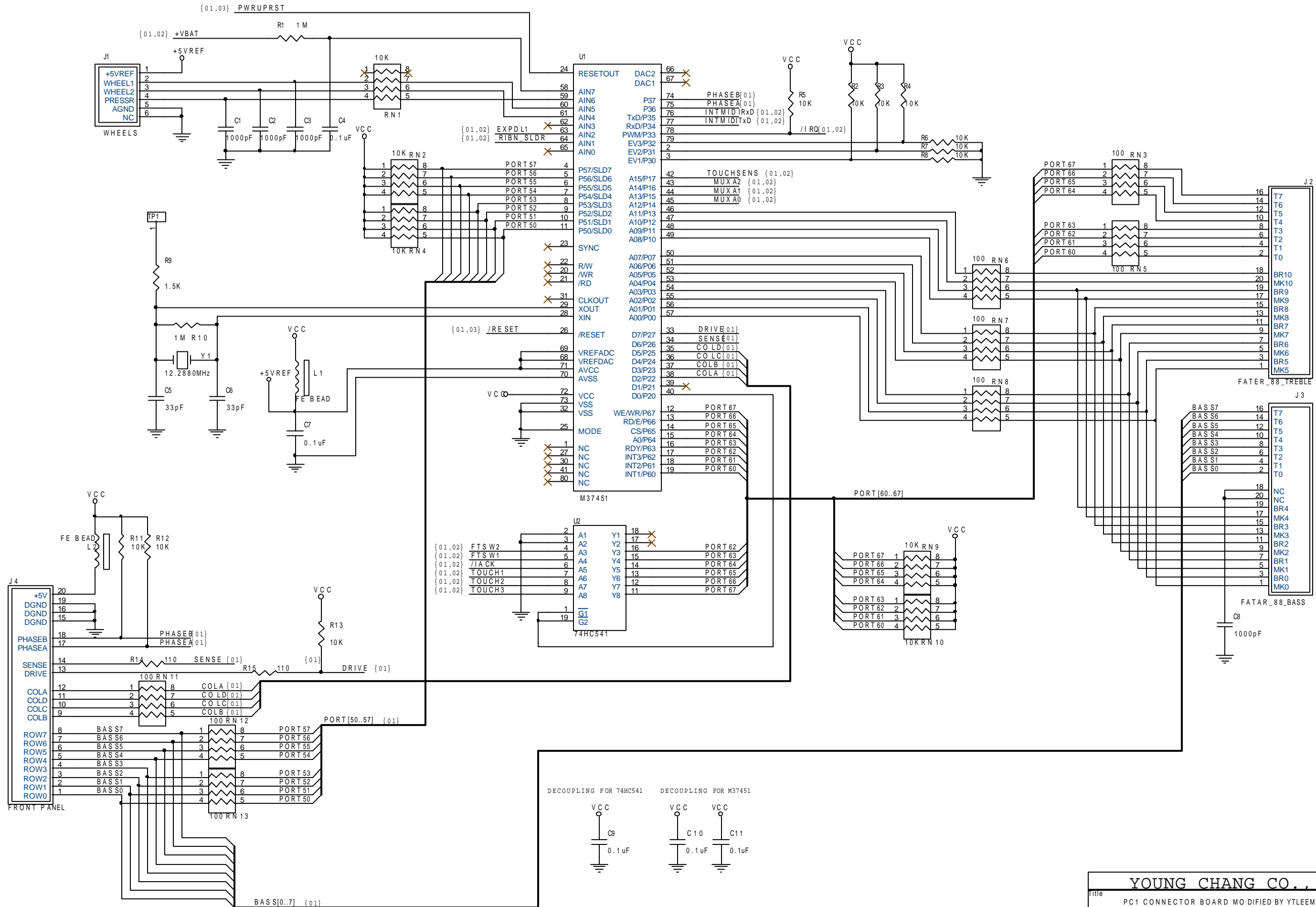


<b>YOUNG CHANG CO., LTD.</b>		
Title PC1 ENGINE BOARD MODIFIED BY YTELEM		
Size A3	Document Number REV: A VER: 1	Rev <REV CODE>
Date: Thursday, July 03, 2003	Sheet 4	of 5

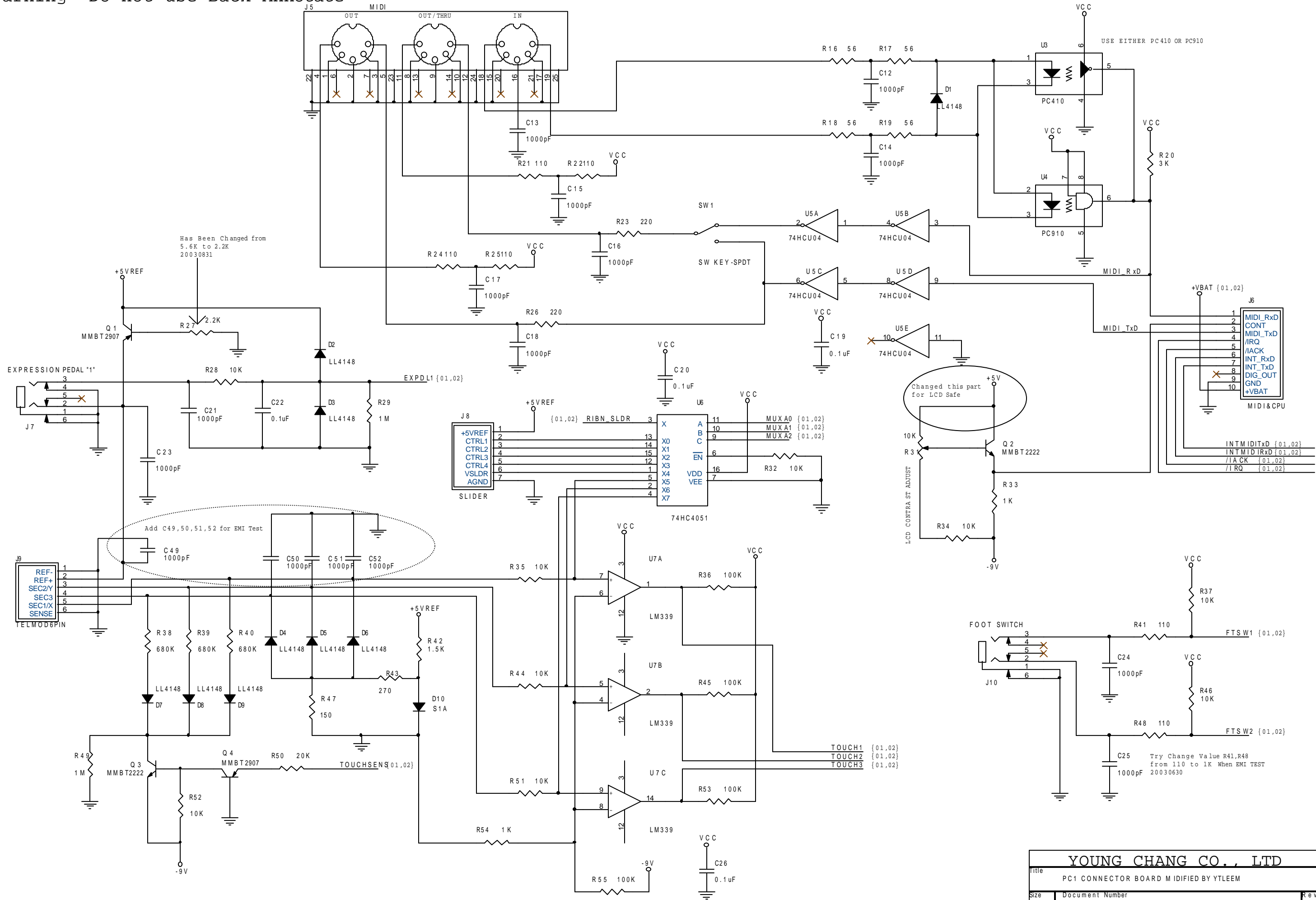


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Title: PC1 ENGINE BOARD MODIFIED BY YTLEEM		
Size: A3	Document Number: REV: A VER: 1	Rev: <REV CODE>
Date: Thursday, July 03, 2003	Sheet: 5	of 5

Warning~ Do not use Back Annotate

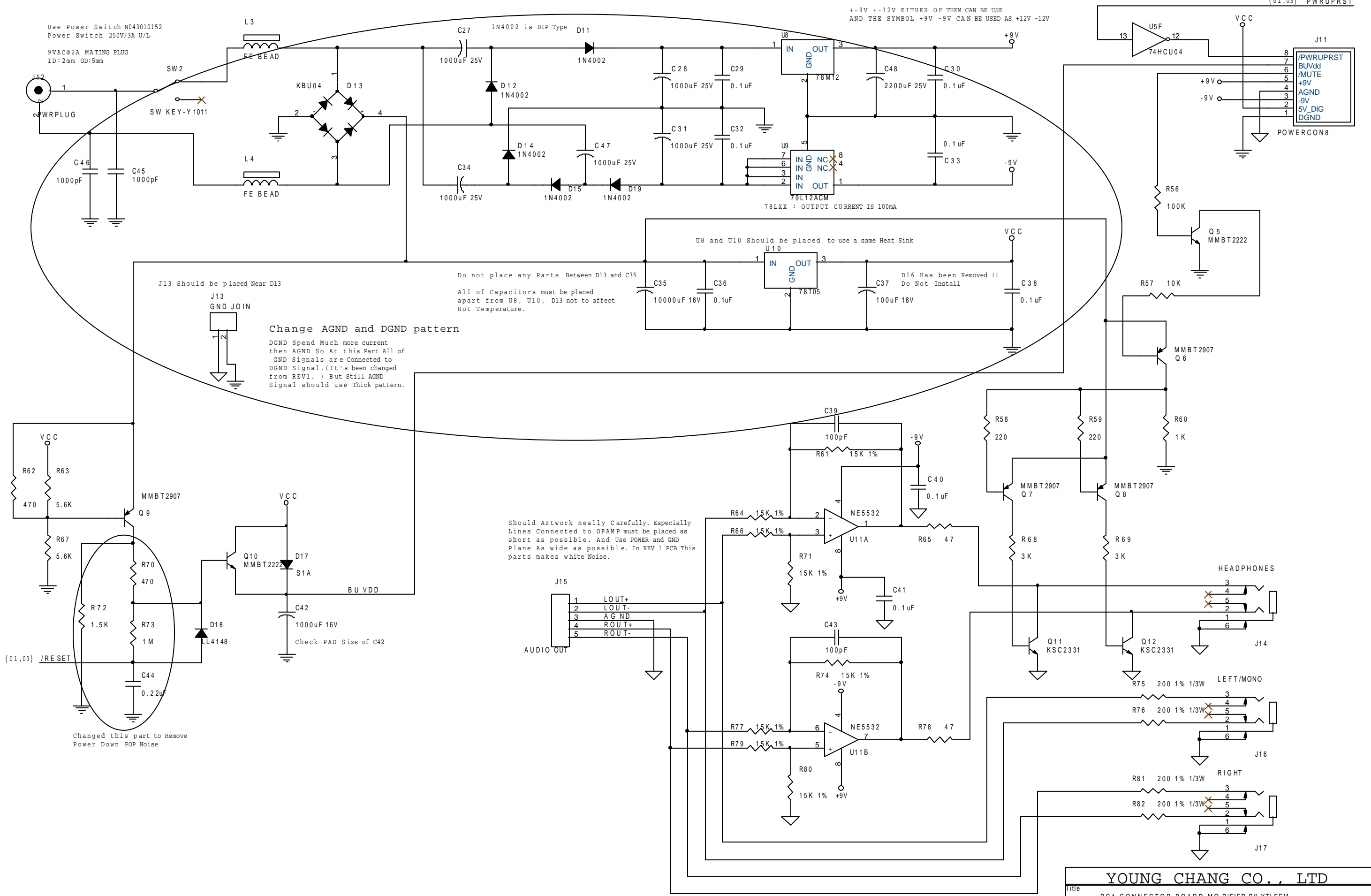


Warning~ Do not use Back Annotate



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PC1 CONNECTOR BOARD M IDIFIED BY YLTEAM		
Size A3	Document Number REV : A VER : 1	Rev <Re Code>
Date: Monday, September 01, 2003	Sheet 2 of 3	

Warning~ Do not use Back Annotate



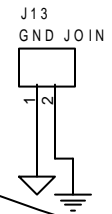
+9V +-12V EITHER OF THEM CAN BE USE  
AND THE SYMBOL +9V -9V CAN BE USED AS +12V -12V

{01,03} PWRUPRST

Use Power Switch N043010152  
Power Switch 250V/3A U/L

9VAC@2A MATING PLUG  
ID:2mm OD:5mm

J13 Should be placed Near D13



Change AGND and DGND pattern

DGND Spend Much more current  
then AGND So At this Part All of  
GND Signals are Connected to  
DGND Signal. (It's been changed  
from REV1. ) But Still AGND  
Signal should use Thick pattern.

Do not place any Parts Between D13 and C35  
All of Capacitors must be placed  
apart from U8, U10, D13 not to affect  
Hot Temperature.

U8 and U10 Should be placed to use a same Heat Sink

D16 Has been Removed !!  
Do Not Install

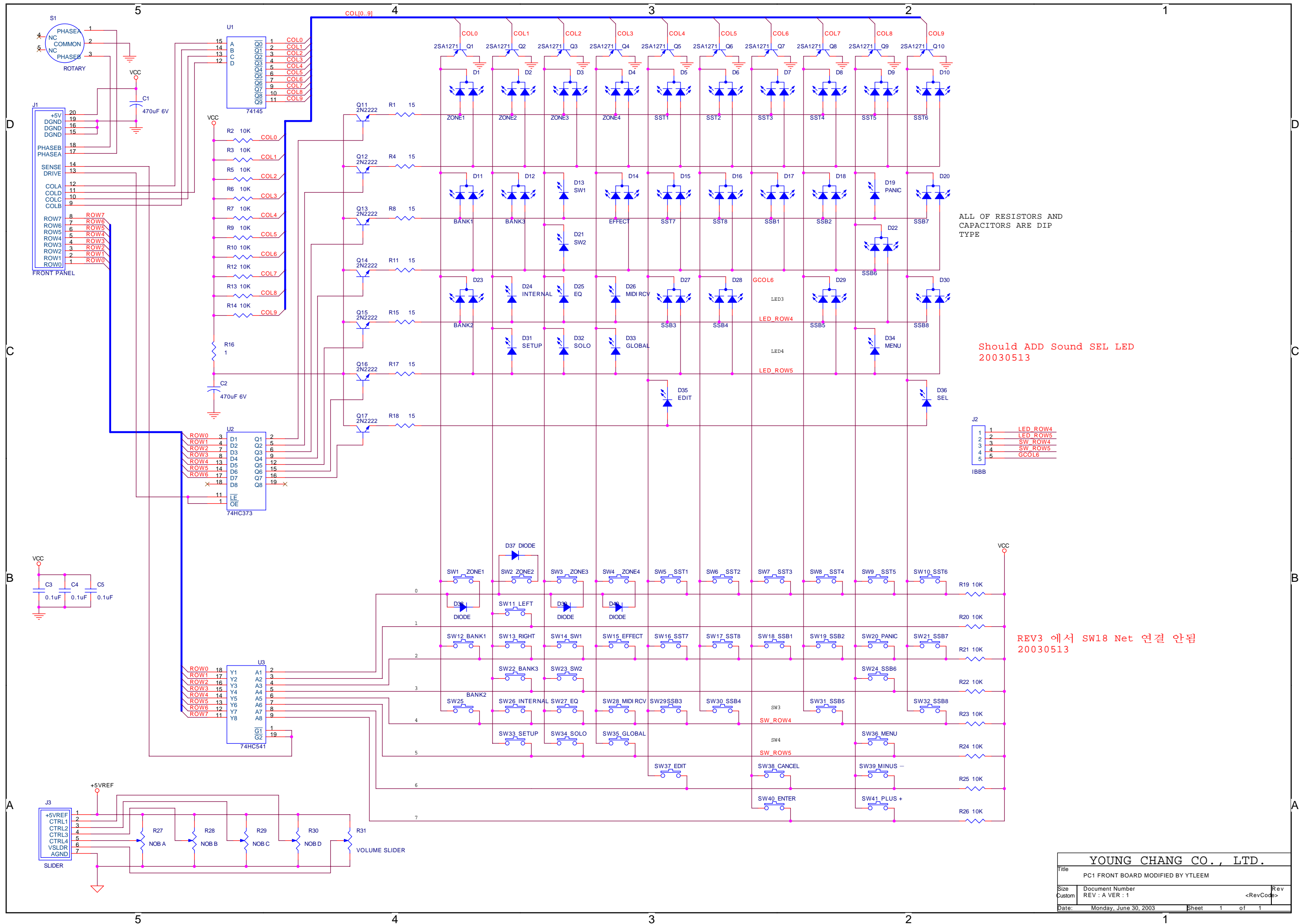
Should Artwork Really Carefully. Especially  
Lines Connected to OPAMP must be placed as  
short as possible. And Use POWER and GND  
Plane As wide as possible. In REV 1 PCB This  
parts makes white Noise.

{01,03} /RESET

Changed this part to Remove  
Power Down POP Noise

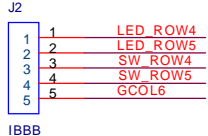
YOUNG CHANG CO., LTD		
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Size A3	Document Number REV : A VER : 1	Rev <Re Code>
Date: Wednesday, July 09, 2003	Sheet 3 of 3	





ALL OF RESISTORS AND CAPACITORS ARE DIP TYPE

Should ADD Sound SEL LED 20030513



REV3 에서 SW18 Net 연결 안됨 20030513

<b>YOUNG CHANG CO., LTD.</b>		
Title	PC1 FRONT BOARD MODIFIED BY YLEEM	
Size	Document Number	Rev
Custom	REV : A VER : 1	<RevCode>
Date:	Monday, June 30, 2003	Sheet 1 of 1