

# Pandora 2 v7

Benq Corporation Proprietary

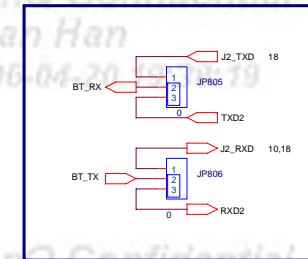
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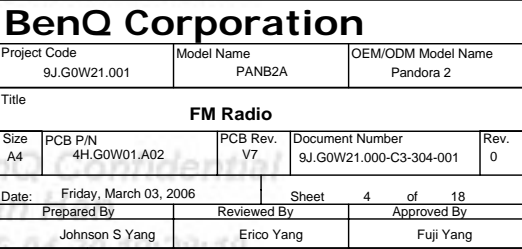
## BenQ Corporation

Project Code 9J.G0W21.001		Model Name PANB2A		OEM/ODM Model Name Pandora 2	
Title PANB2A					
Size A4	PCB P/N 4H.G0W01.A02	PCB Rev. V7	Document Number 9J.G0W21.000-C3-304-001		Rev. 0
Date: Friday, March 03, 2006		Sheet 1 of 18			
Prepared By Bodan S Yang		Reviewed By Rick Liah		Approved By Fuji Yang	



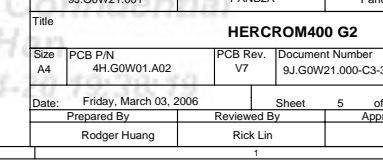
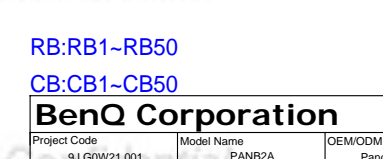
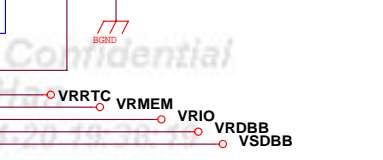
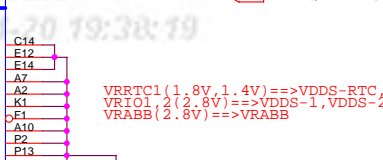
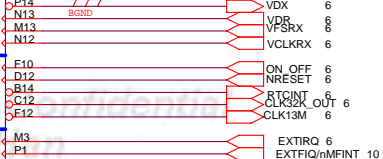
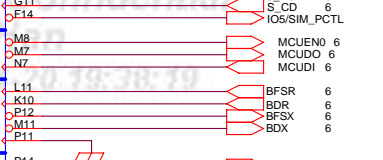
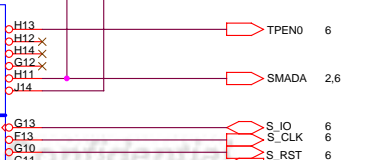
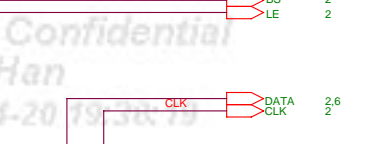
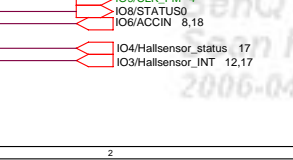
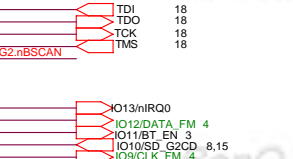
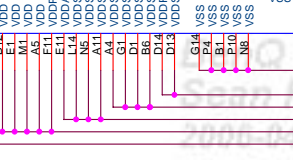
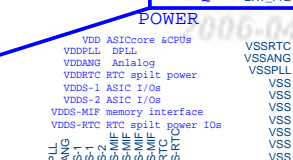
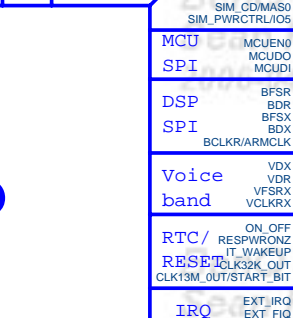
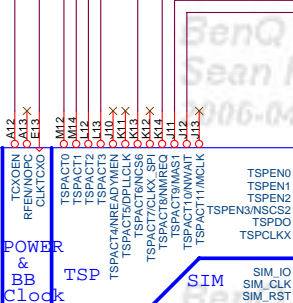
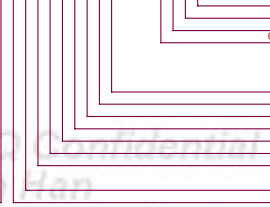
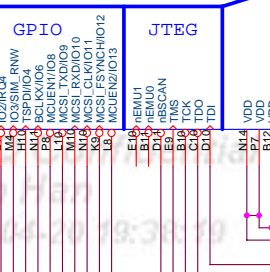
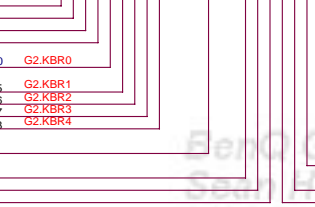
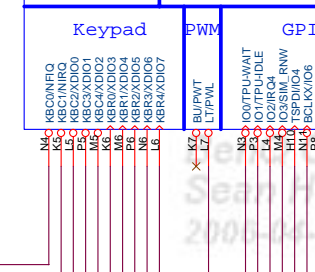
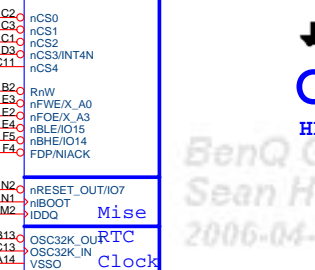
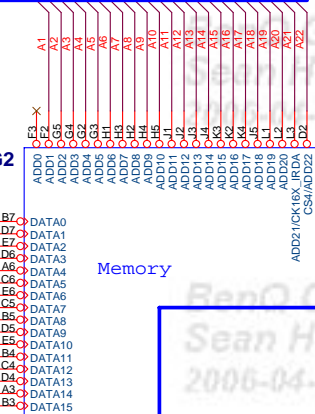
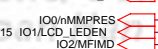
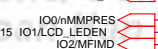
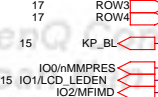
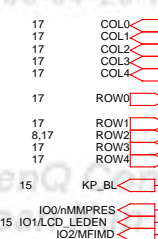
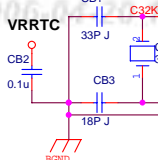
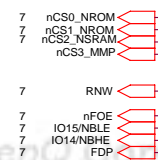
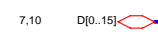
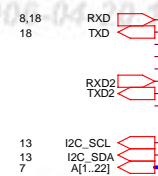
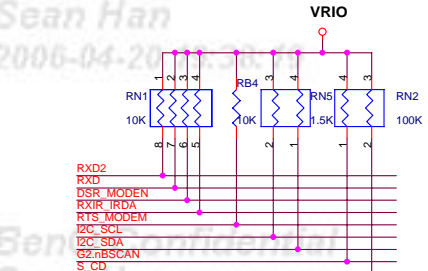
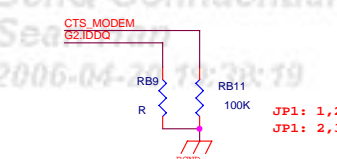
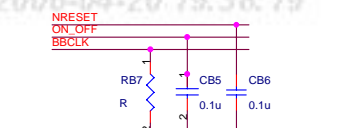
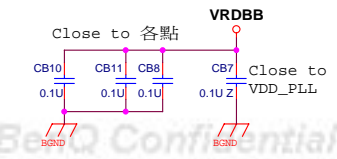
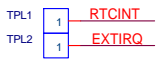


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Title <b>Bluetooth</b>				
Size A4	P/CN 4H.G0W01.A02	PCB Rev. V7	Document Number 9J.G0W21.000-C3-304-001	Rev. 0
Date: Friday, March 03, 2006		Sheet	3 of 18	
Prepared By Johnson S Yang		Reviewed By Erico Yang	Approved By Fuji Yang	



```
IO0==>nMMPRES
IO1==>LCD_LEDEN
IO2==>MFIMD
IO3==>HallSensor_INT
IO4==>HallSensor_status
IO5==>SIM_PCTL
IO6==>ACCIN
IO7==>NRSTOUT
IO8==>STATUS0
IO9==>CLK_FM
IO10==>SD_G2CD
IO11==>IO11/BT_EN
IO12==>DATA_FM
IO13==>nIRQ0
IO14==>NBHE
IO15==>NBLE

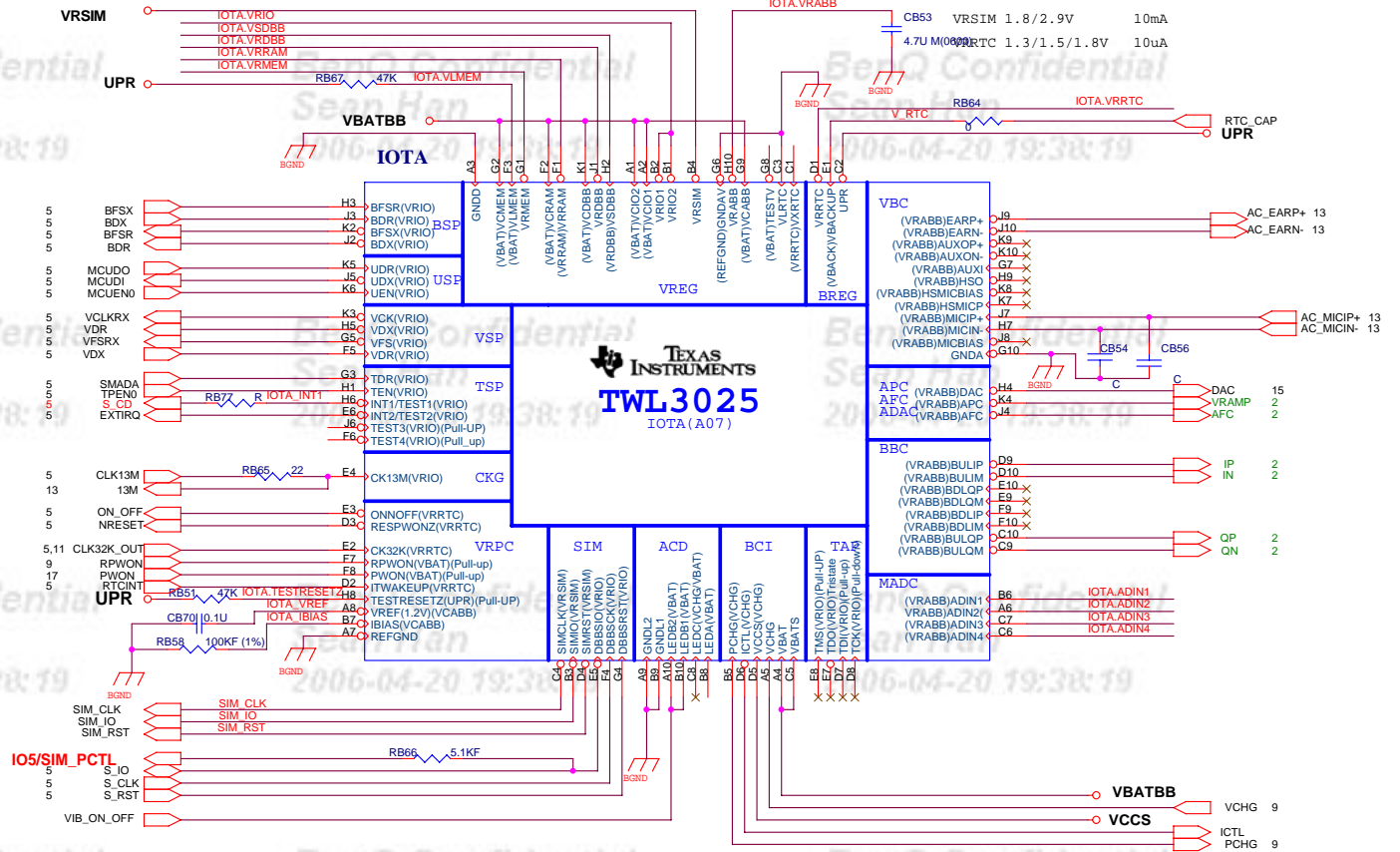
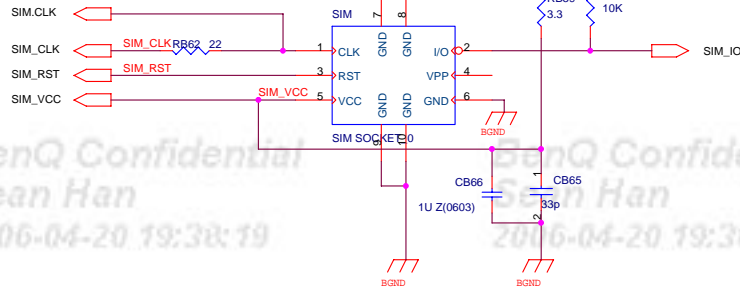
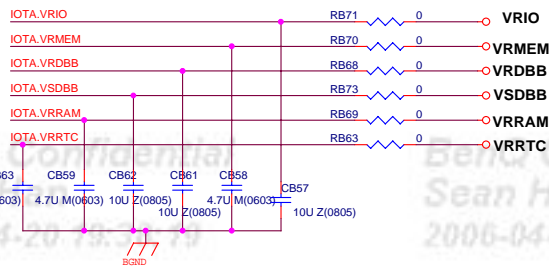
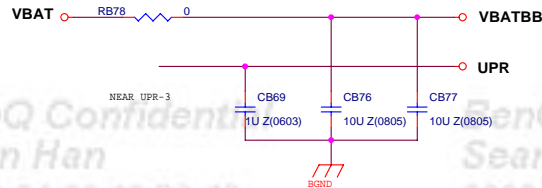
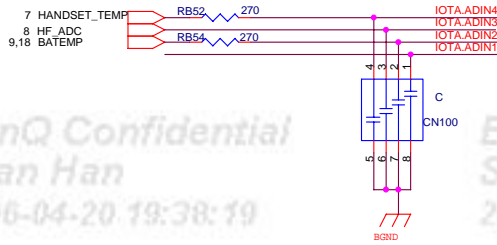
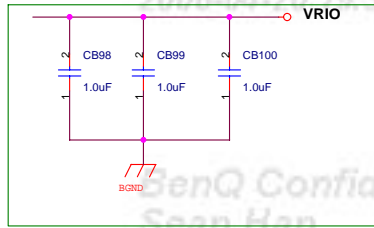
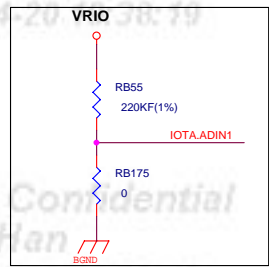
nCS0==>NROM
nCS1==>NROM
nCS2==>NSRAM
nCS3==>MMP
nCS4==>DU
```



RB:RB1~RB50  
CB:CB1~CB50

BenQ Corporation				
Project Code		Model Name	OEM/ODM Model Name	
9J.GOW21.001		PANB2A	Pandora 2	
Title				
HERCROM400 G2				
Size	PCB P/N	PCB Rev.	Document Number	Rev.
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001	0
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Rodger Huang		Rick Lin	Fuji Yang	





VRDBB	1.3/1.5/1.8V	120mA
VRABB	2.8V	50mA
VRRAM	1.8/2.8V	50mA
VRMEM	1.8/2.8V	60mA
VRIO	2.8V	100mA
VRSIM	1.8/2.9V	10mA
VRTC	1.3/1.5/1.8V	10uA

TP:TP1~TP50

RB:RB51~RB100

CB:CB51~CB100

## BenQ Corporation

Project Code	9J.GOW21.001	Model Name	PANB2A	OEM/ODM Model Name	Pandora 2
Title	IOTA				
Size	PCB P/N	PCB Rev.	Document Number	Rev.	
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001	0	
Date:	Friday, March 03, 2006		Sheet	6	of 18
Prepared By	Rodger Huang		Reviewed By	Rick Lin	
			Approved By	Fuji Yang	

Sean Han  
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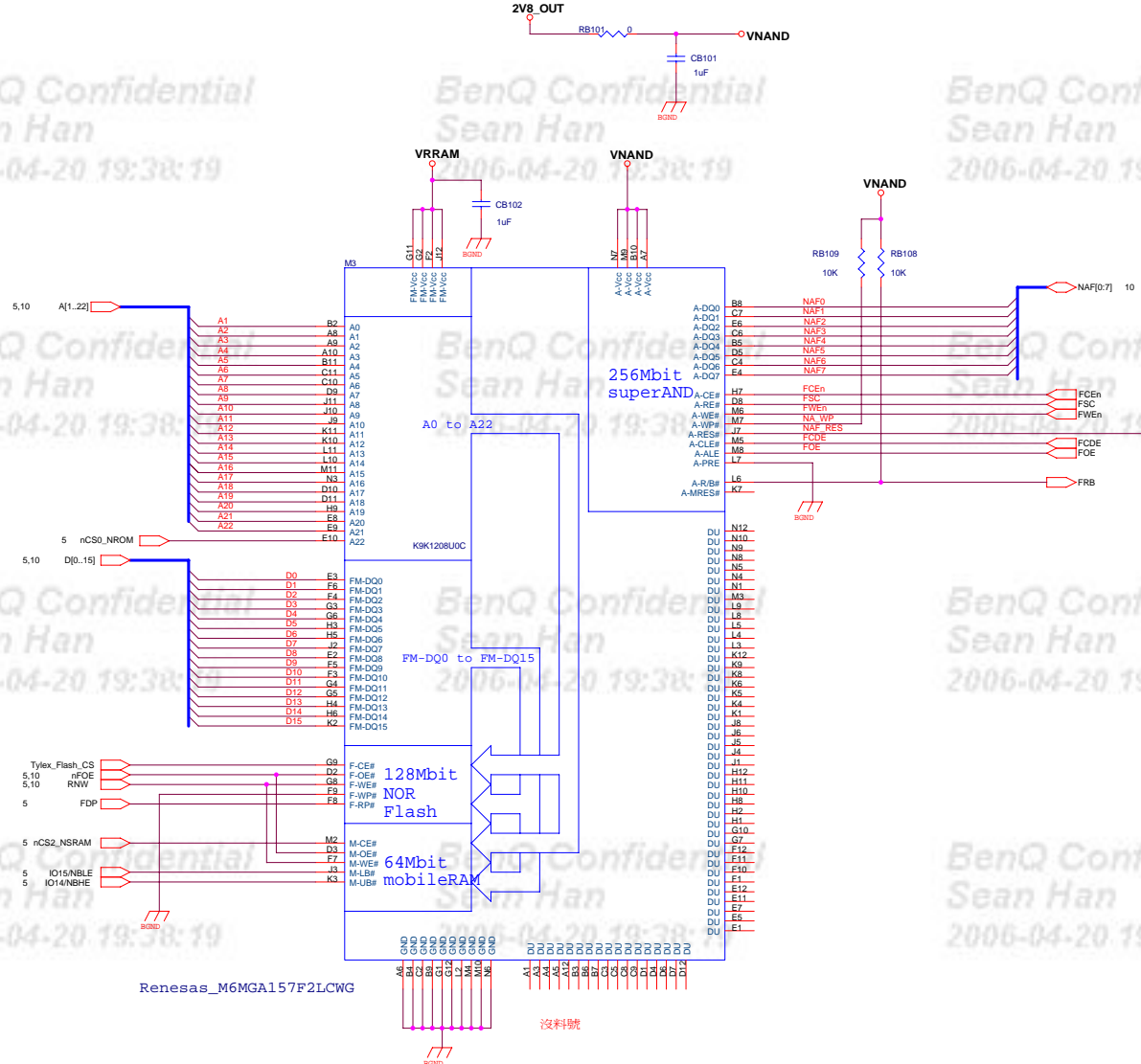
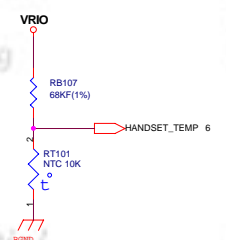
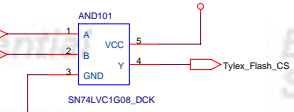
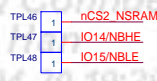
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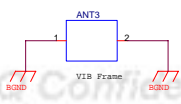
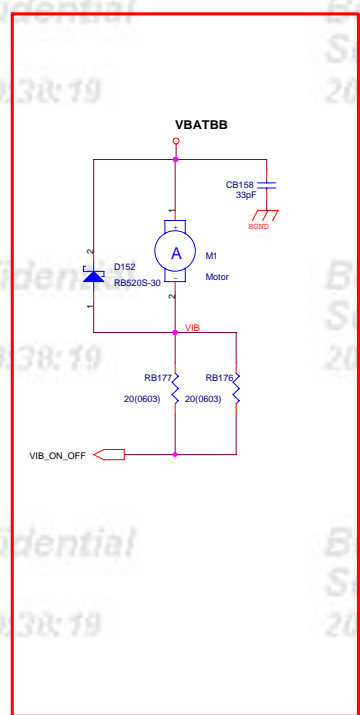
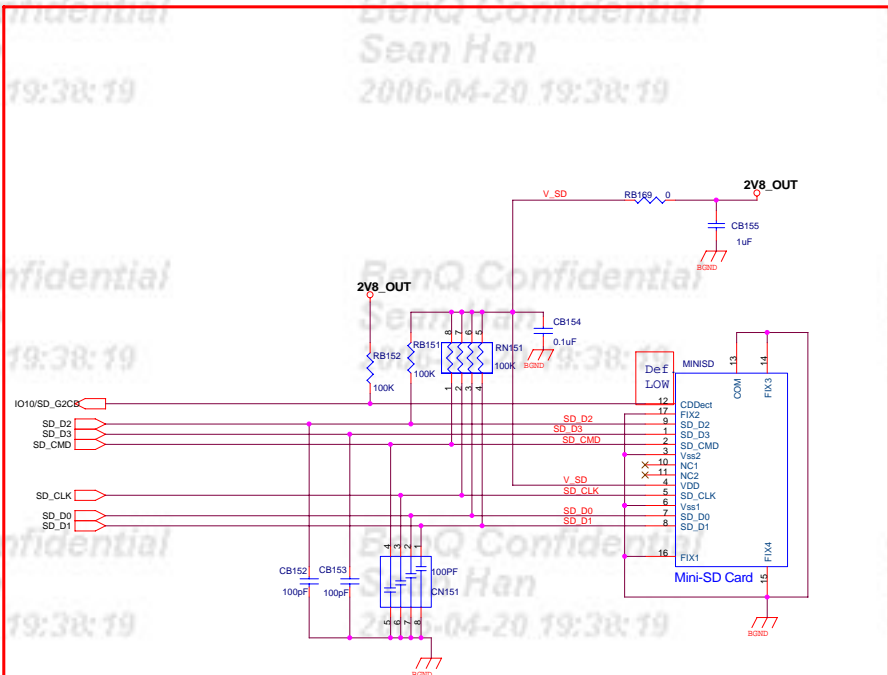
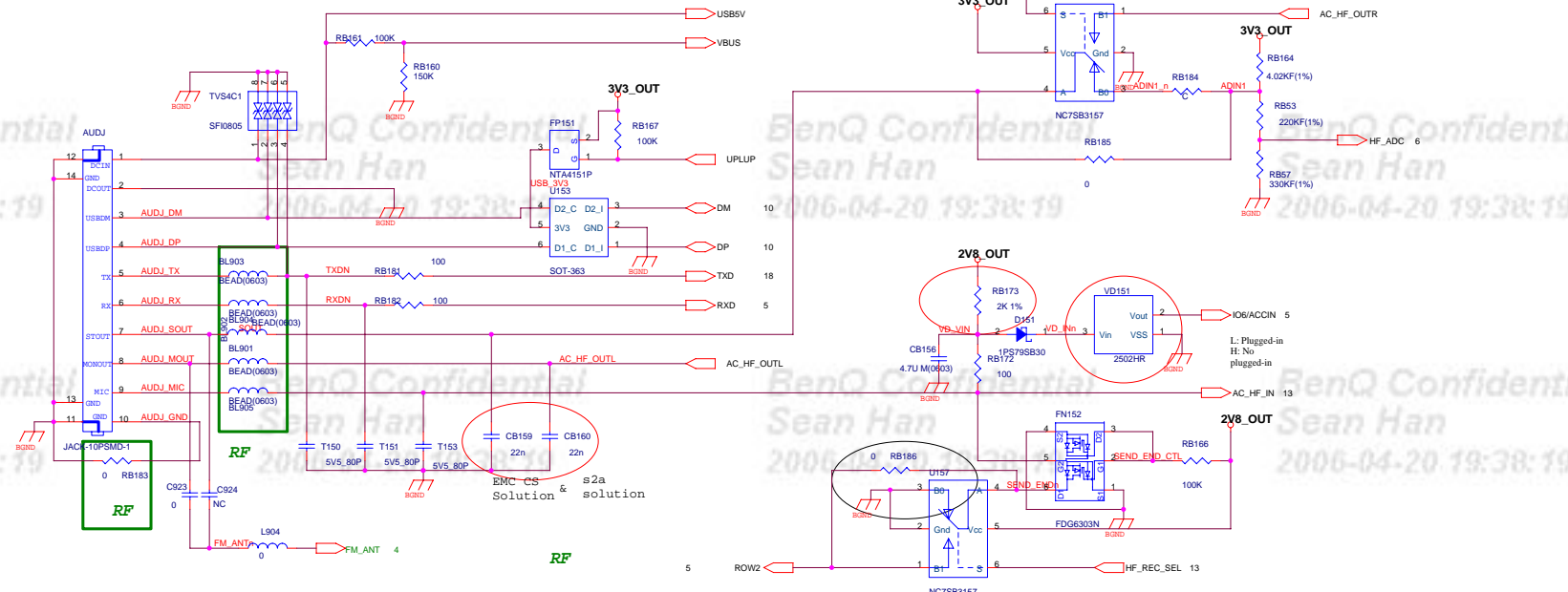
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RB:RB381~RB400    TPL:TPL46~TPL50  
CB:CB381~CB400

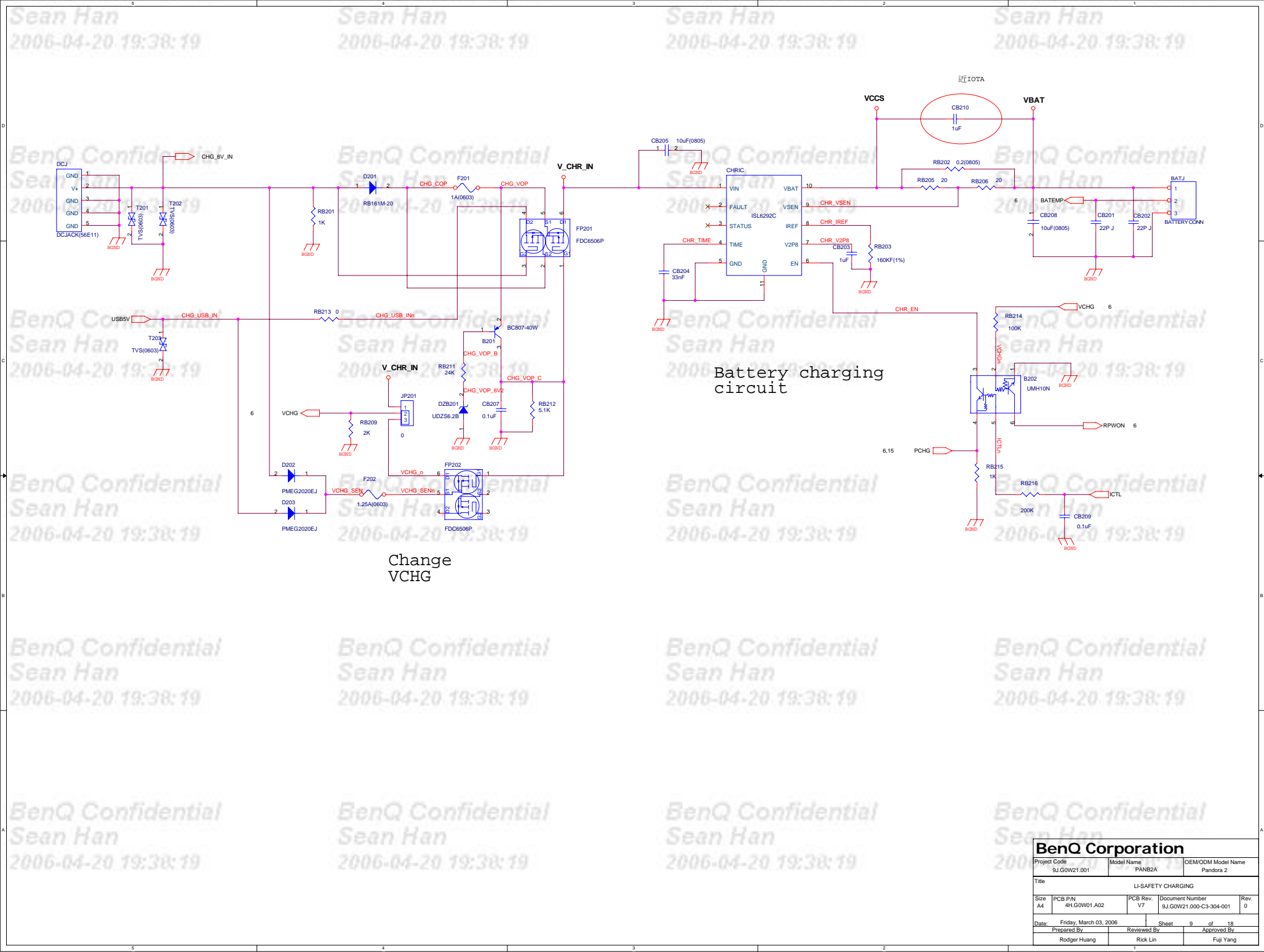
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		OEM/ODM Model Name	Pandora 2
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MMP MEMORY&BUFFER			
Size	PCB P/N	PCB Rev.	Document Number
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001
Rev.			Rev.
0			0
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Rodger Huang		Rick Lin	
			Fuji Yang



RB:RB151~RB200      TPL:TPL10~TPL19  
CB:CB151~CB200

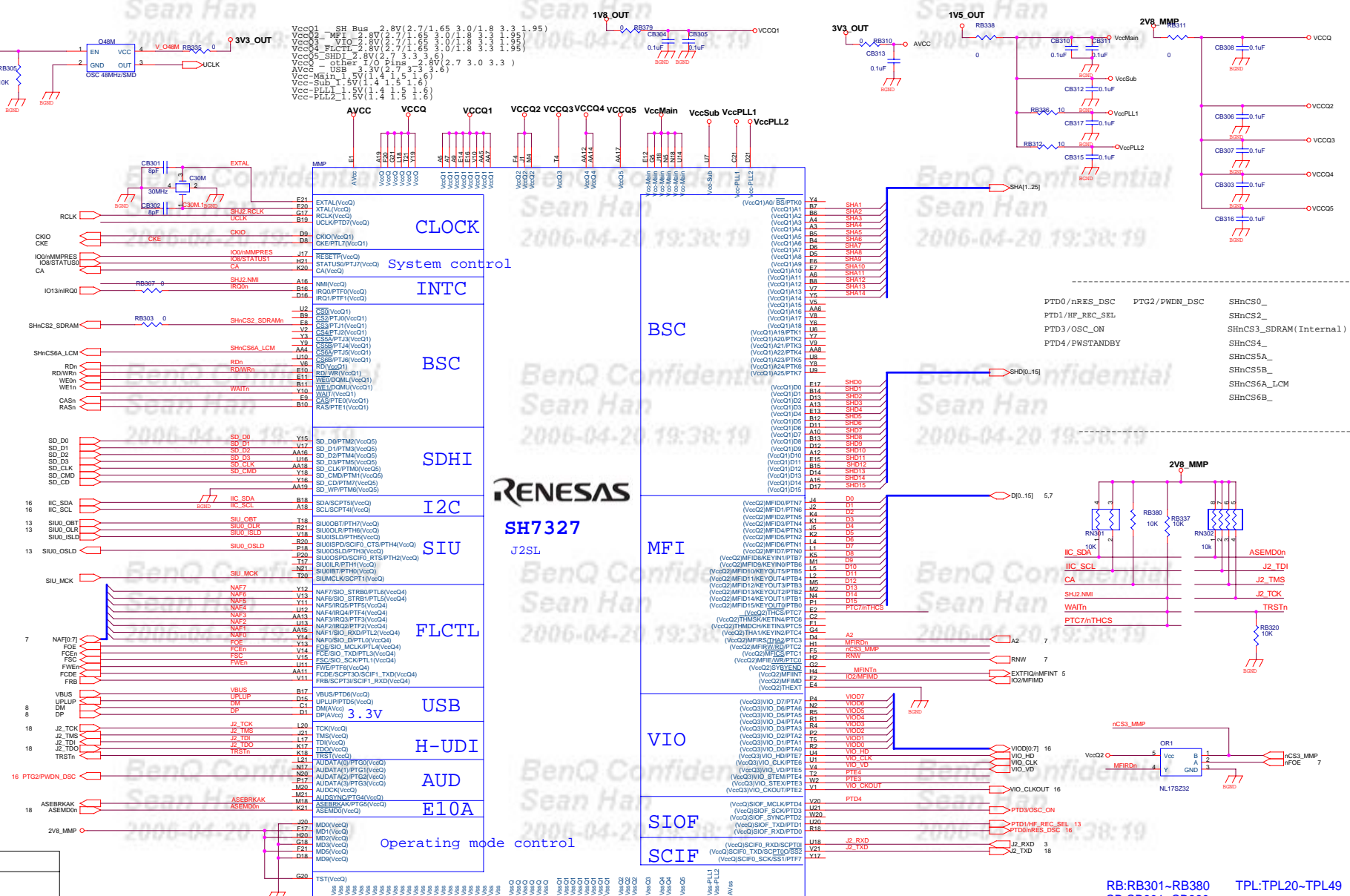
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Project Code 9J.G0W21.001		Model Name PANB2A	
		OEM/ODM Model Name Pandora 2	
Title Mini SD&10Pin IO & VIB			
Size A4	PCB P/N 4H.G0W01.A02	PCB Rev. V7	Document Number 9J.G0W21.000-C3-304-001
Date: Friday, March 03, 2006			Sheet 8 of 18
Prepared By Rodger Huang		Reviewed By Rick Lin	Approved By Fuli Yuan





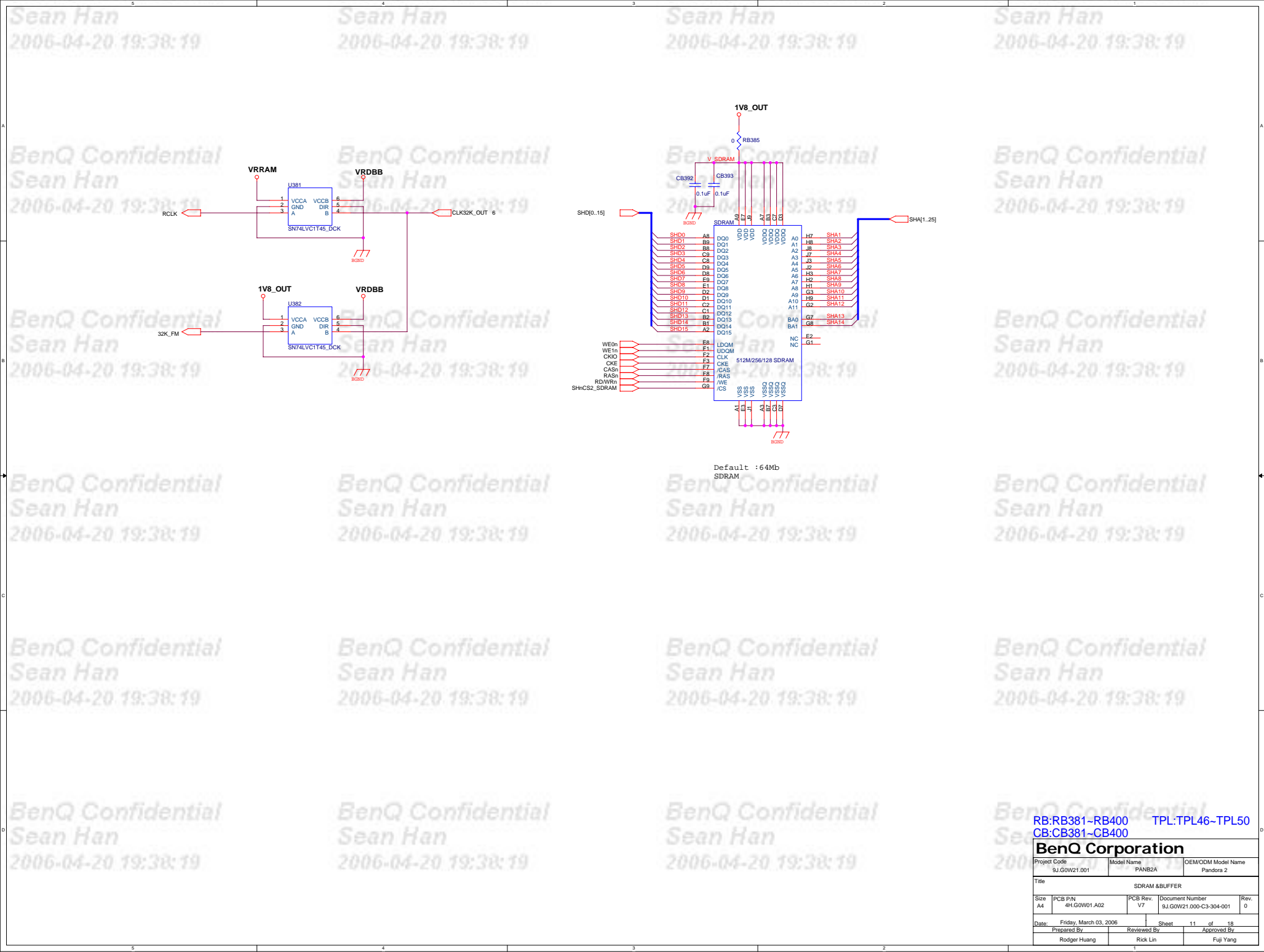
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9J.G0W21.001		PANB2A	Pandora 2	
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LI-SAFETY CHARGING				
Size	PCB P/N	PCB Rev.	Document Number	Rev.
A4	4H.G0W01.A02	V7	9J.G0W21.000-C3-304-001	0
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Rodger Huang		Rick Lin	Fuji Yang	

MD Pins				Description	
MD9	MD2	MD1	MD0	Clock MODE is 9	
0	1	1	0	Clock Source is RCLK	
MD3	0				Normal Operation
				CKE is Outputs by control of BSC	
MD5	1				Little Endian



RB:RB301-RB380  
CB:CB301-CB380

00

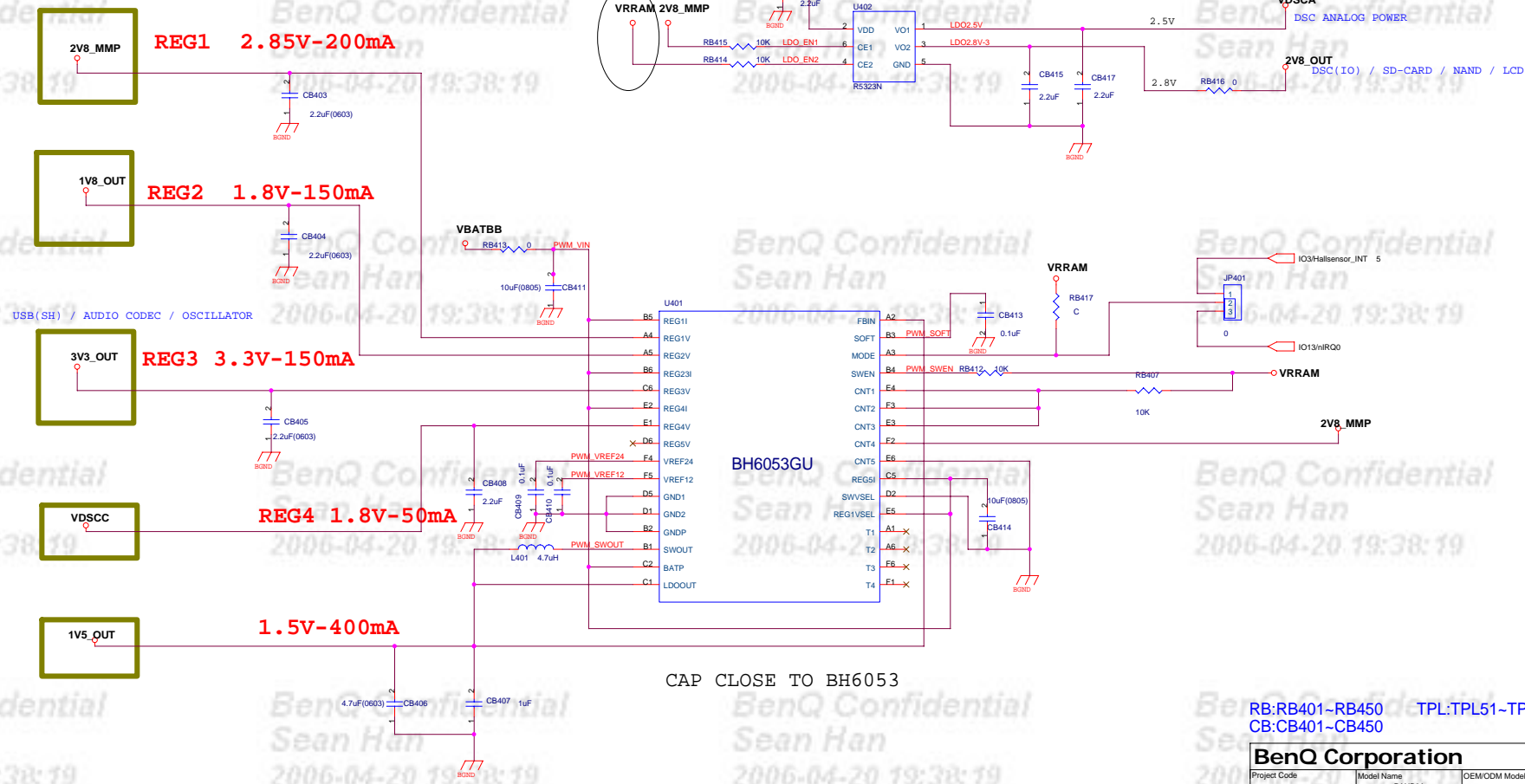


RB:RB381~RB400    TPL:TPL46~TPL50  
CB:CB381~CB400

BenQ Corporation				
Project Code		Model Name	OEM/ODM Model Name	
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Title				
SDRAM & BUFFER				
Size	PCB P/N	PCB Rev.	Document Number	Rev.
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001	
Date: Friday, March 03, 2006		Sheet	11 of 18	
Prepared By		Reviewed By	Approved By	
Rodger Huang		Rick Lin	Fuji Yang	

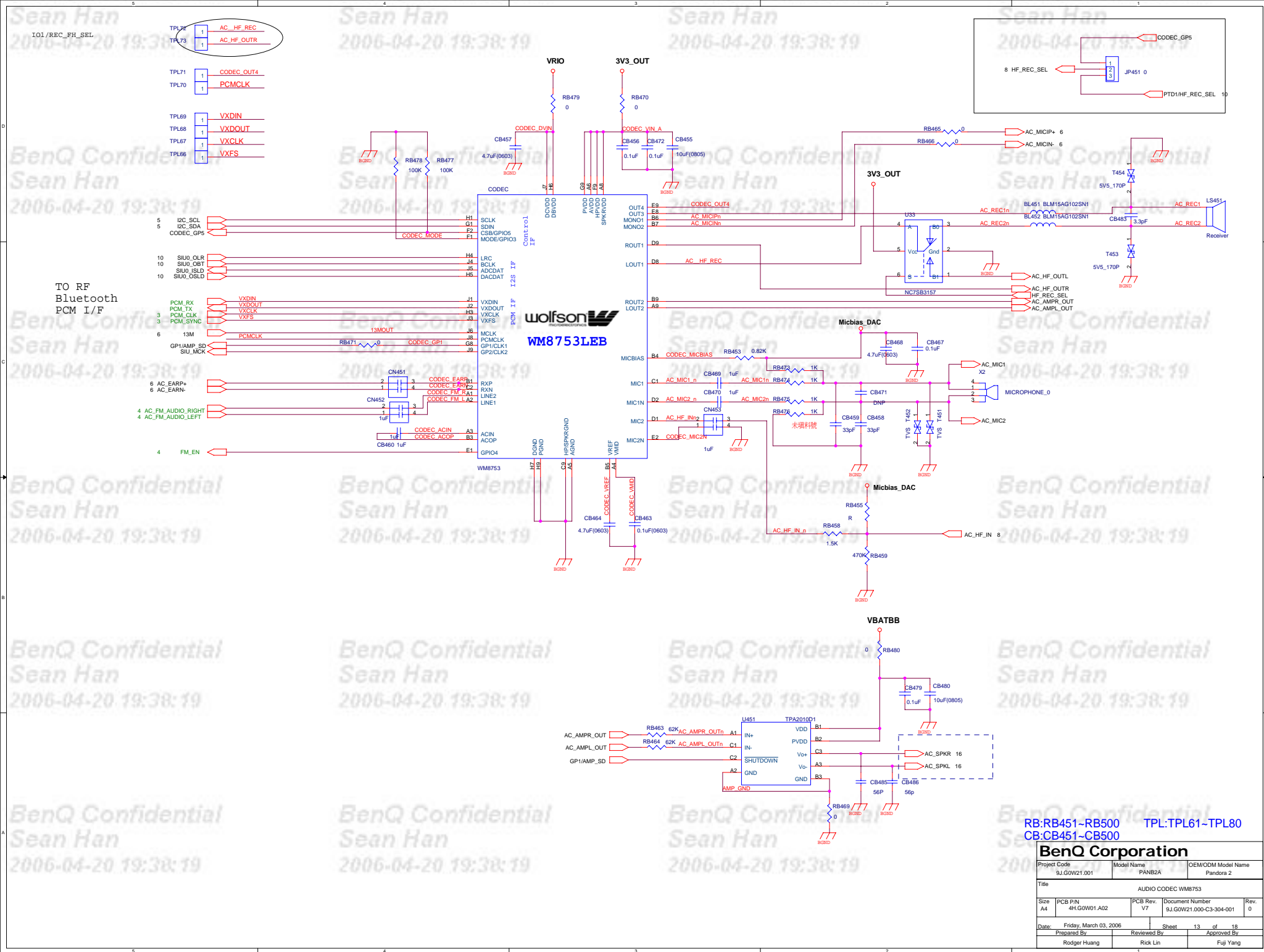
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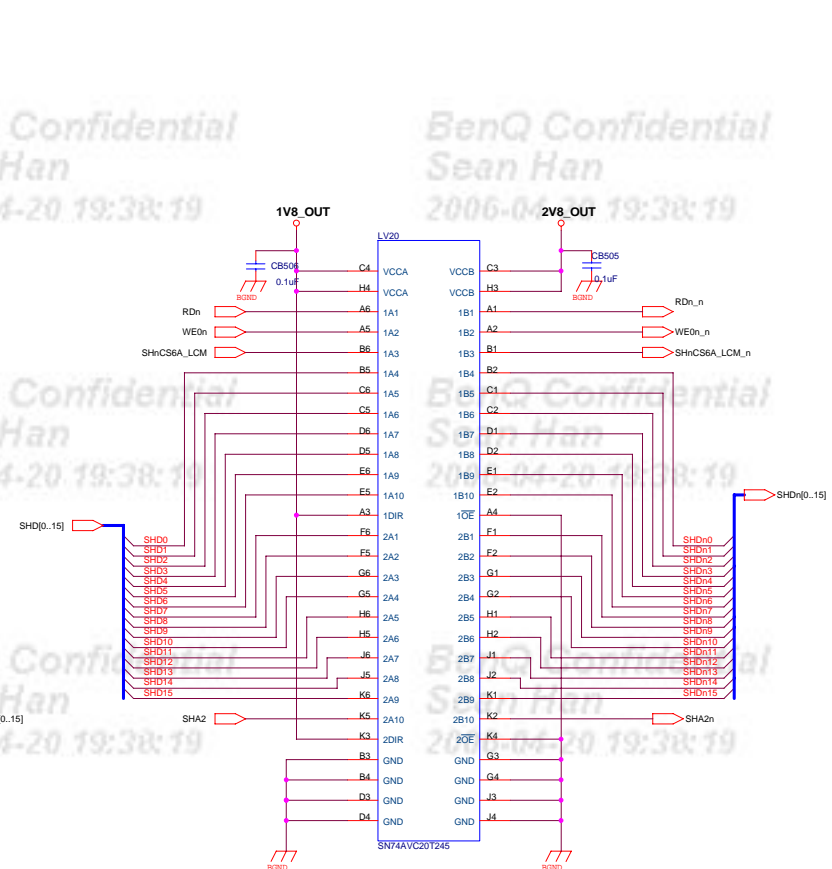
SDRAM  
VccQ / VccQ1 / VccQ2(optical) / VccQ3 / VccQ4



RB:RB401~RB450 TPL:TPL51~TPL60  
CB:CB401~CB450

BenQ Corporation			
Project Code	9J.GOW21.001	Model Name	PANB2A
OEM/ODM Model Name	Pandora 2		
Title	MMP Power		
Size	PCB P/N	PCB Rev.	Document Number
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001
Rev.	0		
Date:	Friday, March 03, 2006	Sheet	12 of 18
Prepared By	Reviewed By		
Rodger Huang	Rick Lin		
Approved By		Fuji Yang	

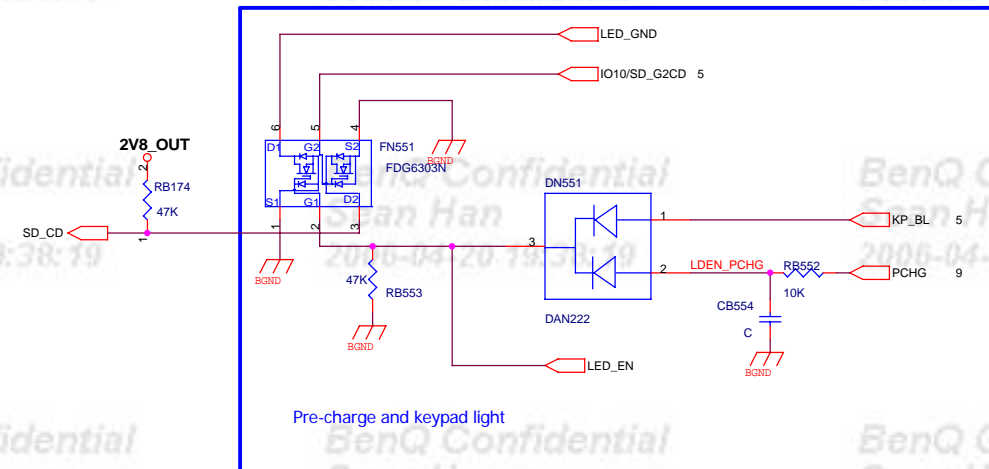
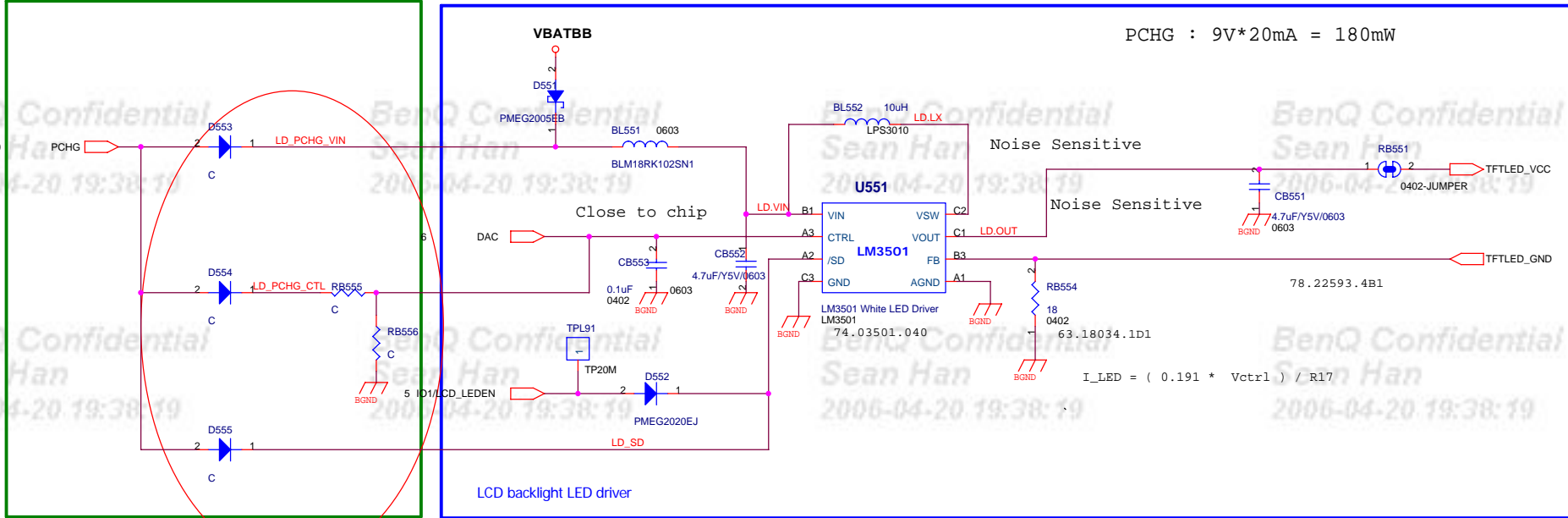




BenQ Corporation

Project Code S.J.G0W21.001		Model Name PANB2A		OEM/ODM Model Name Pandora 2	
Title LCD Interface					
Size A4	PCB P/N 4H.G0W21.A01	PCB Rev. V7	Document Number S.J.G0W21.003-C3-304-001		Rev. 0
Date Friday, March 03, 2006			Sheet 14 of 18		
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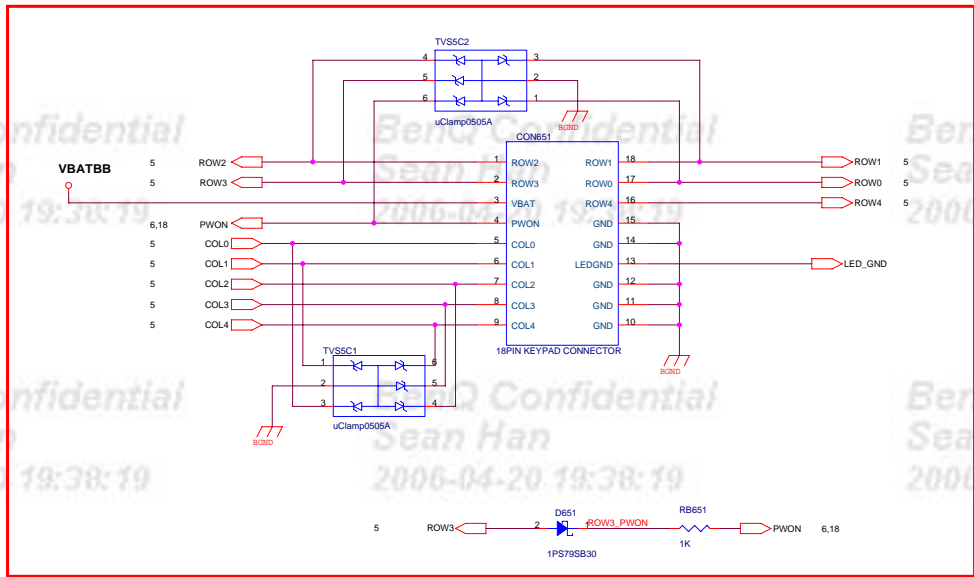


RB:RB551~RB600 TPL:TPL91~TPL100  
CB:CB551~CB600

BenQ Corporation				
Project Code		Model Name		OEM/ODM Model Name
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Title				
LED DRV				
Size	PCB P/N	PCB Rev.	Document Number	Rev.
A4	4H.G0W01.A02	V7	9J.G0W21.000-C3-304-001	0
Date:		Sheet 15 of 18		
Prepared By		Reviewed By		Approved By
Rodger Huang		Rick Lin		Fuji Yang

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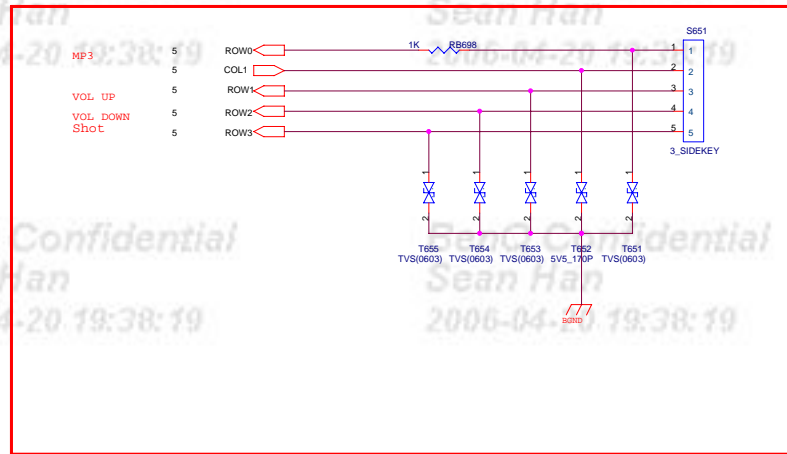
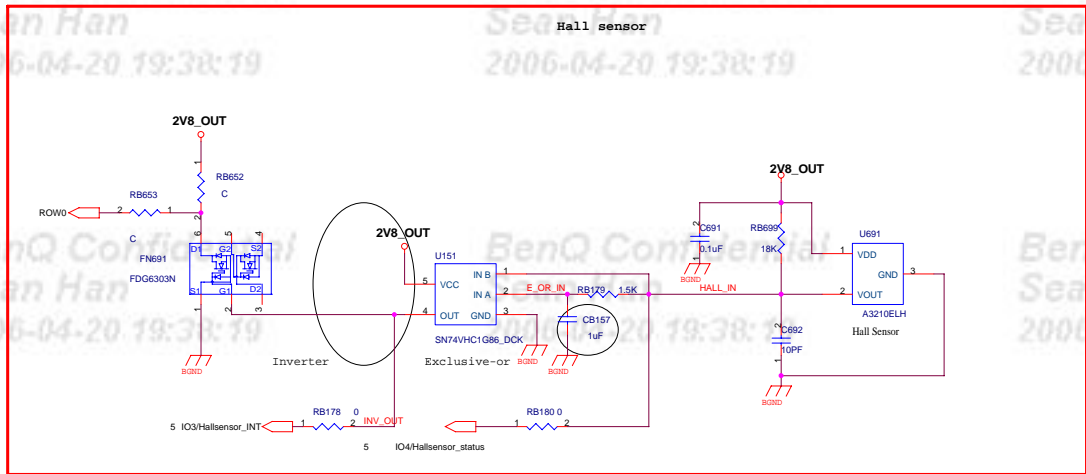
<b>BenQ Corporation</b>				
Project Code 9.J.GW21.001		Model Name PANB2A		OEM/ODM Model Name Pandora II
Title		DSCM 24 pin connector		
Size A4	PCB Part 4HLGW01.A02	PCB Rev. V7	Document Number 9.J.GW21.000.C3-304-001	Rev. 0
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Prepared By Rodger Huang		Reviewed By Rick Lin		Approved By Fuli Yang



	COL0	COL1	COL2	COL3	COL4
ROW0		VOL UP	3	2	1
ROW1	SEND	VOL DOWN	6	5	4
ROW2	SOFT LEFT	Shot	9	8	7
ROW3	SOFT RIGHT	MP3	#	0	*
ROW4	MENU	UP	LEFT	DOWN	RIGHT

HP\_S/E KEY

END/POWER



RB:RB651~RB670 TPL:TPL111~TPL120  
CB:CB651~CB670

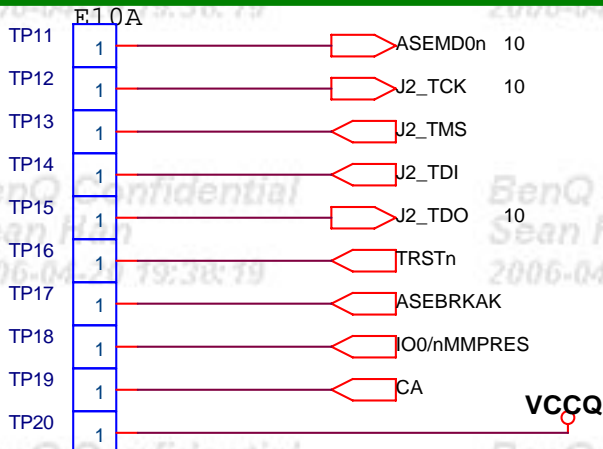
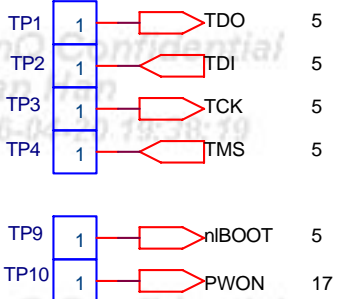
BenQ Corporation				
Project Code		Model Name		OEM/ODM Model Name
9J.GOW21.001		PANB2A		Pandora 2
Title				
Side Key&Joy Stick & Hall sensor				
Size	PCB P/N	PCB Rev	Document Number	Rev
A4	4H.GOW01.A02	V7	9J.GOW21.000-C3-304-001	0
Date: Friday, March 03, 2006		Sheet 17 of 18		
Prepared By		Reviewed By		Approved By
Rodger Huang		Rick Lin		Fuji Yang

IRDA  
PTB5 PTB6經BT到G2  
IRDA

#### Modem



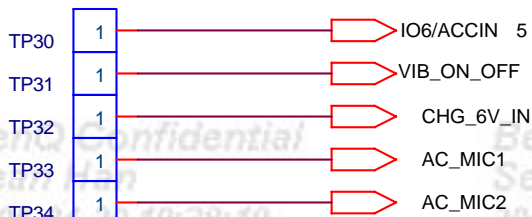
#### JTAG



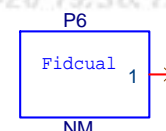
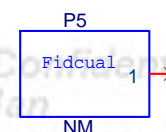
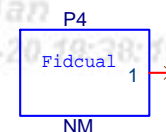
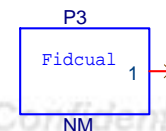
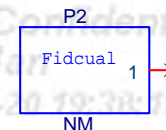
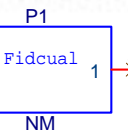
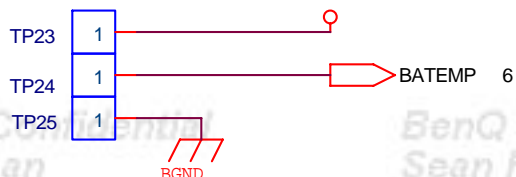
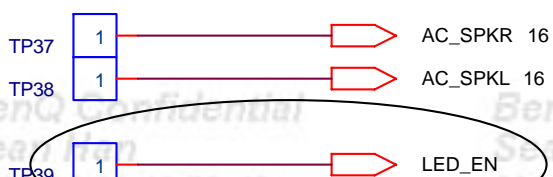
#### UART



#### SIM



#### VBAT



Factory

## BenQ Corporation

Project Code 9J.G0W21.001		Model Name PANB2A		OEM/ODM Model Name Pandora 2	
Title Trap & Test point					
Size A4	PCB P/N 4H.G0W01.A02		PCB Rev. V7	Document Number 9J.G0W21.000-C3-304-001	Rev. 0
Date: Friday, March 03, 2006			Sheet 18 of 18		
Prepared By Rodger Huang		Reviewed By Rick Lin		Approved By Fuji Yang	