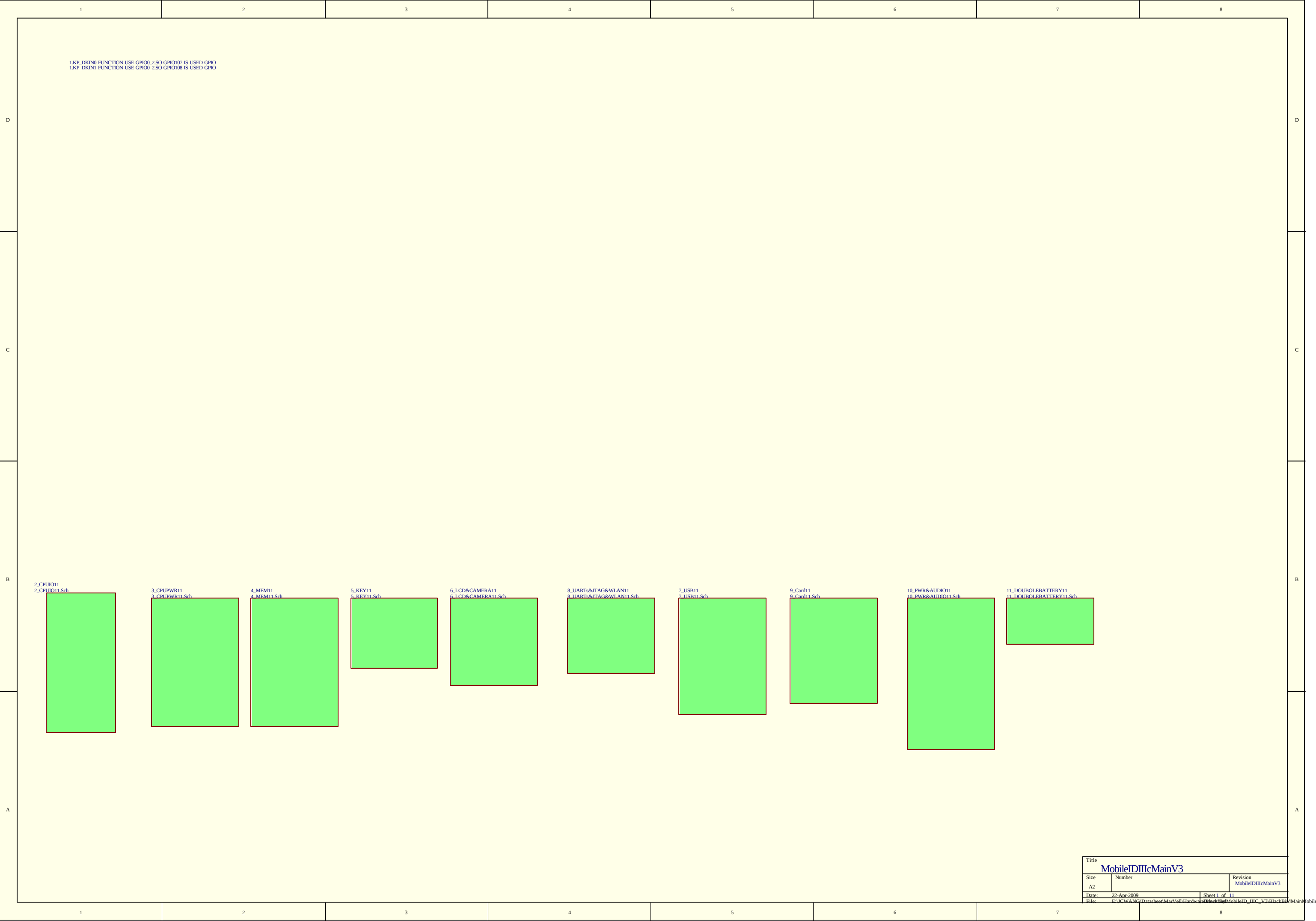
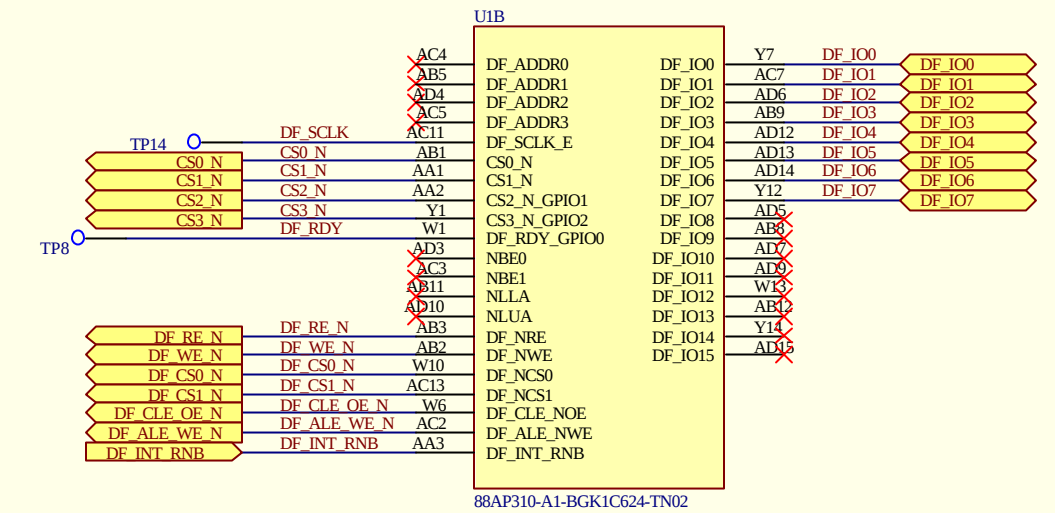
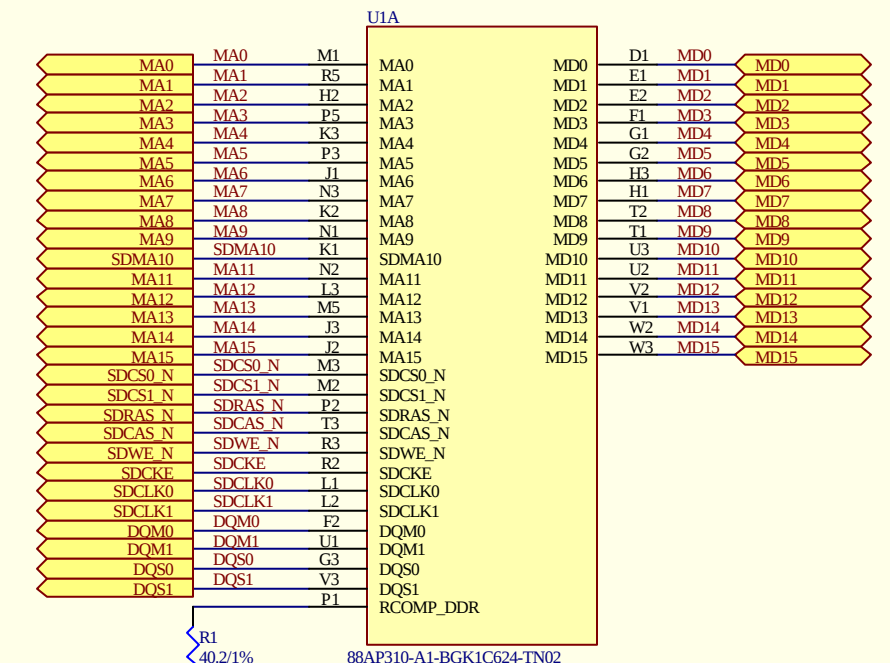


MONAHANS DATA FLASH INTERFACE

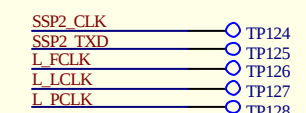
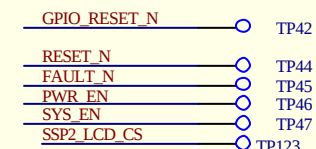


MONAHANS EMPI INTERFACE

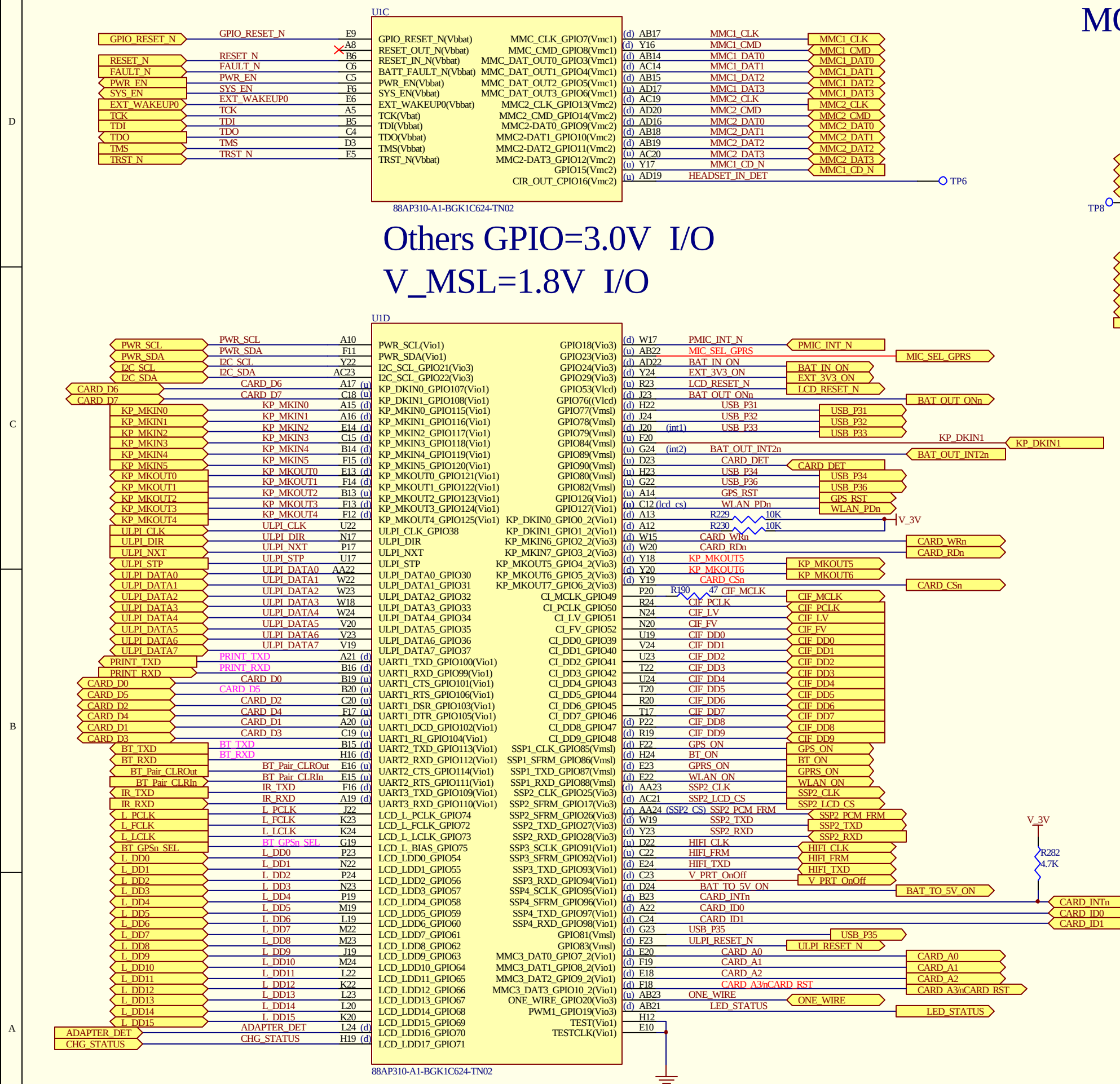


 LAYOUT: PLACE R1 CLOSE TO PROCESSOR

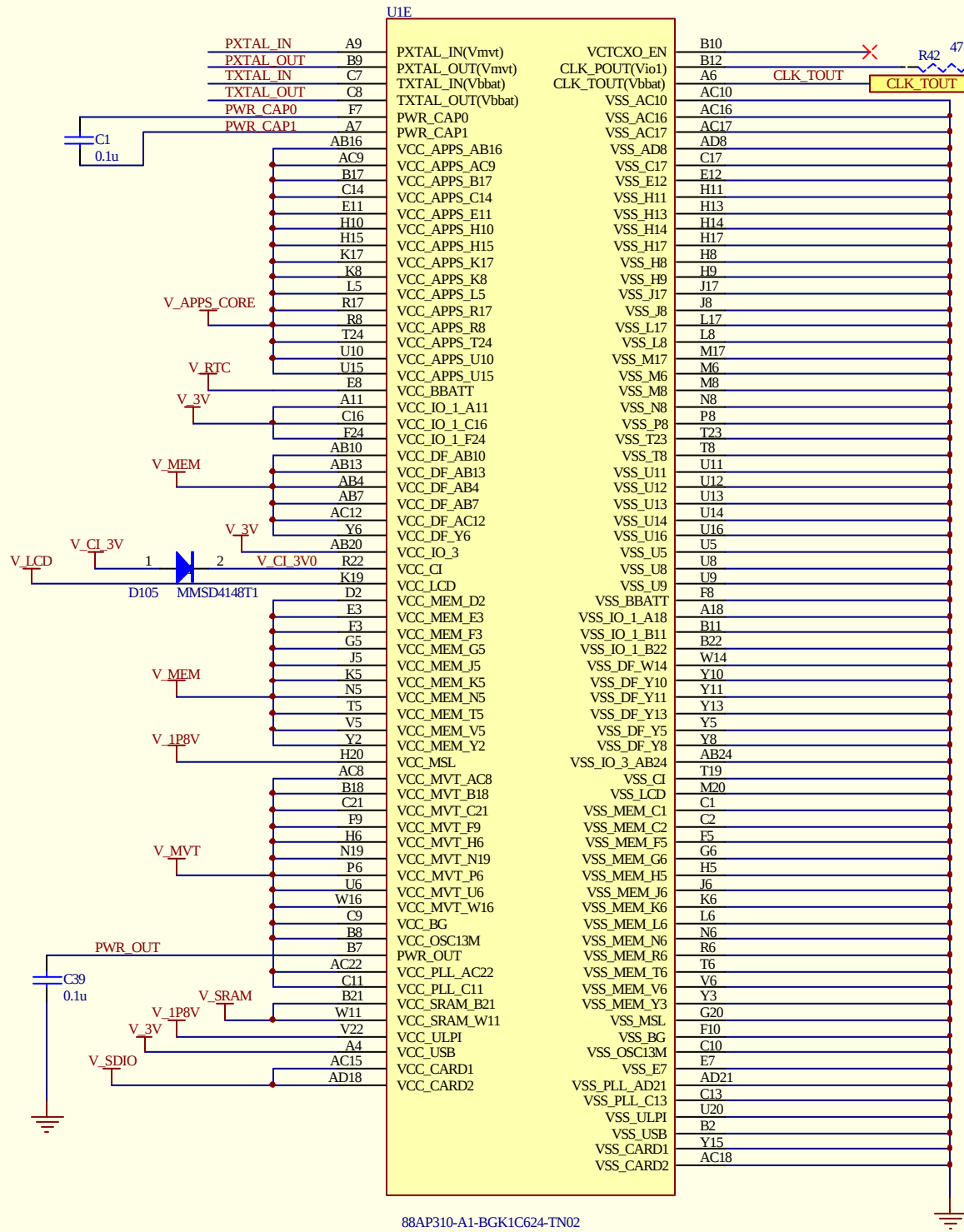
LAYOUT:ROUTE SDCLK<0/1> DIFFERENTIALLY



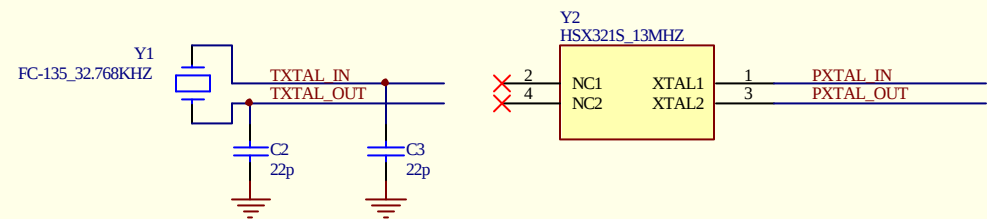
Title		
CPUIO		
Size	Number	Revision
A3		MobileIDIIIcMain V3
Date:	22-Apr-2009	Sheet 2 of 11
File:	E:\C\WANG\Datasheet\MarVell\Hardware\Blackbird\MobileIDIIIc V3\BlackBirdMain\MobileIDIIIcV3.	



MONAHANS POWER

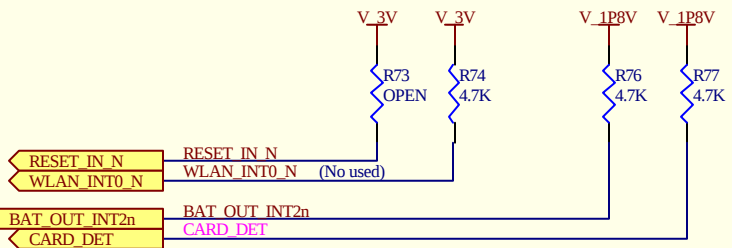
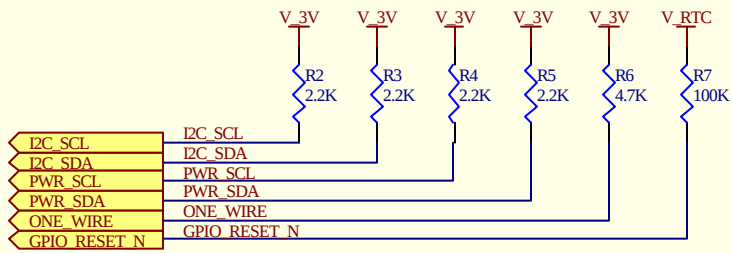


MONAHANS CRYSTALS

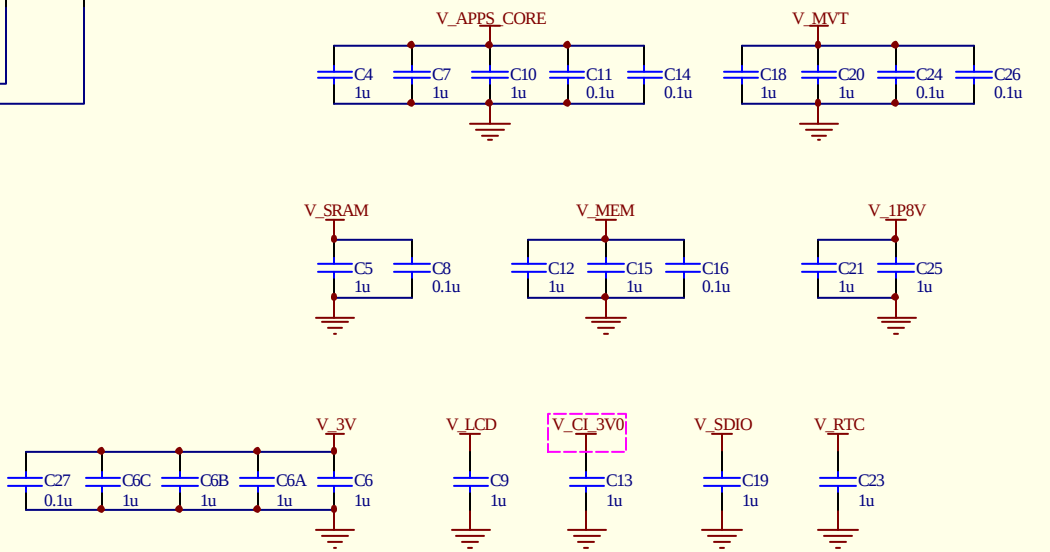


LAYOUT:PLACE Y1 CLOSE TO PROCESSOR
LAYOUT:PLACE Y2 CLOSE TO PROCESSOR

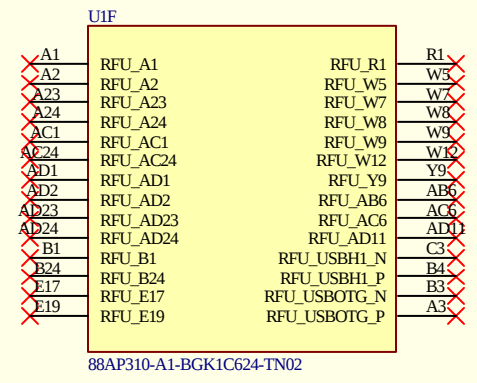
MONAHANS PULL-UPS/PULL-DOWNS



MONAHANS DECOUPLING



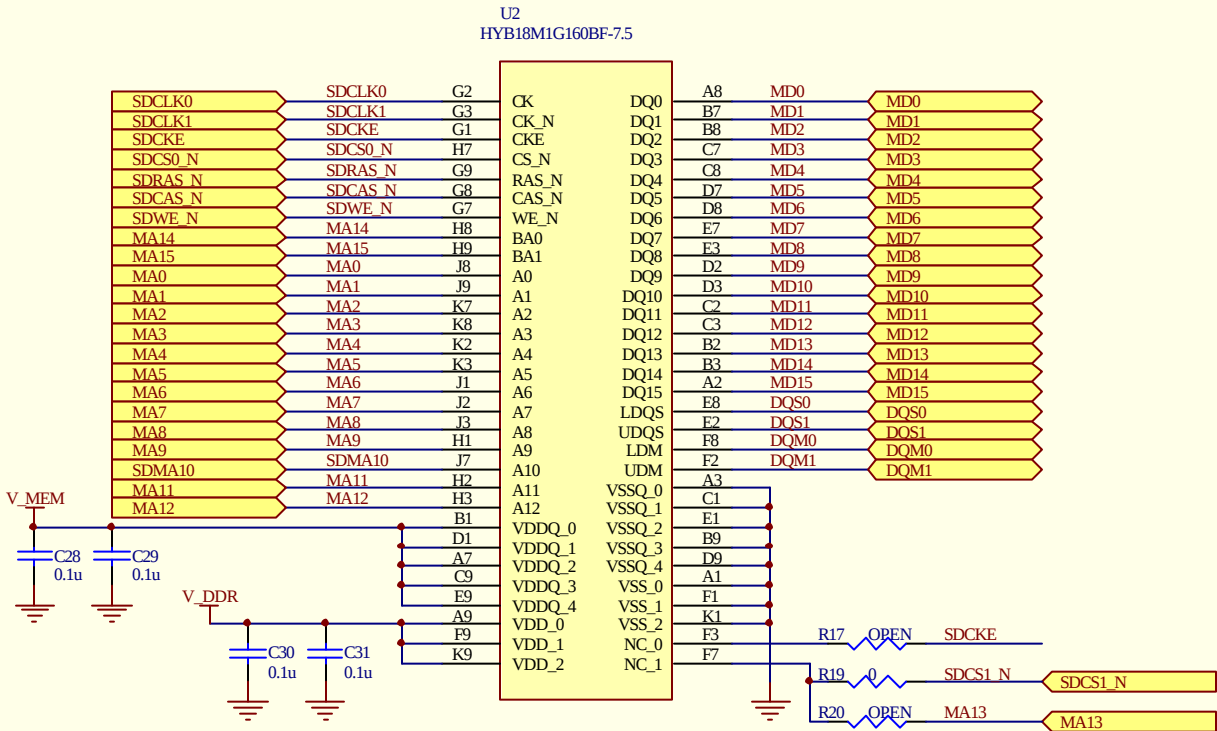
MONAHANS RFU



Title		
CPUPWR		
Size	Number	Revision
A3		MobileDIIIcMan V3
Date:	22-Apr-2009	Sheet 3 of 11
File:	E:\C\WANG\Datasheet\Marvell\Hardware\Blackbird\MobileD8IIC V3\BlackBirdMan\MobileDIIIcV3.	

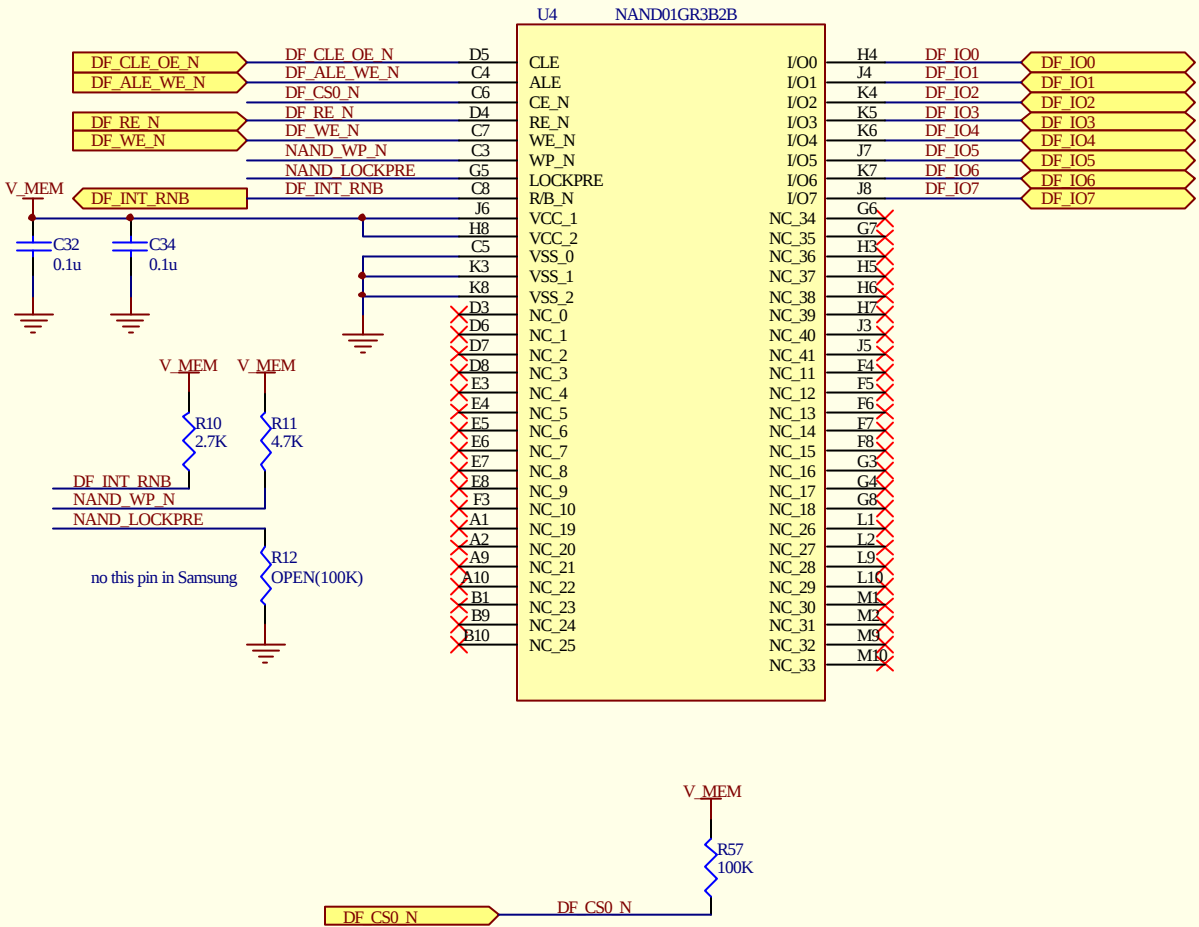
128 MB LARGE BLOCK X8 NAND,1.8V

64 MB DDR SDRAM

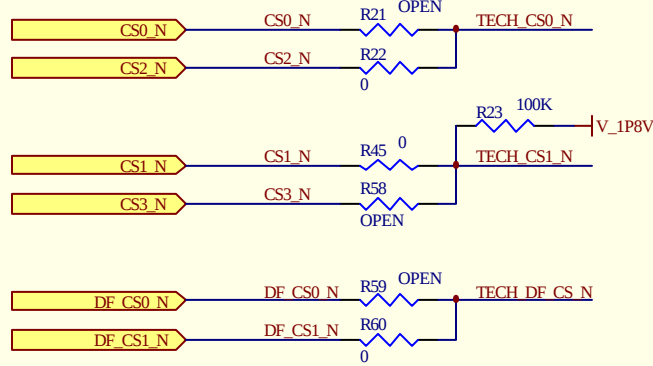
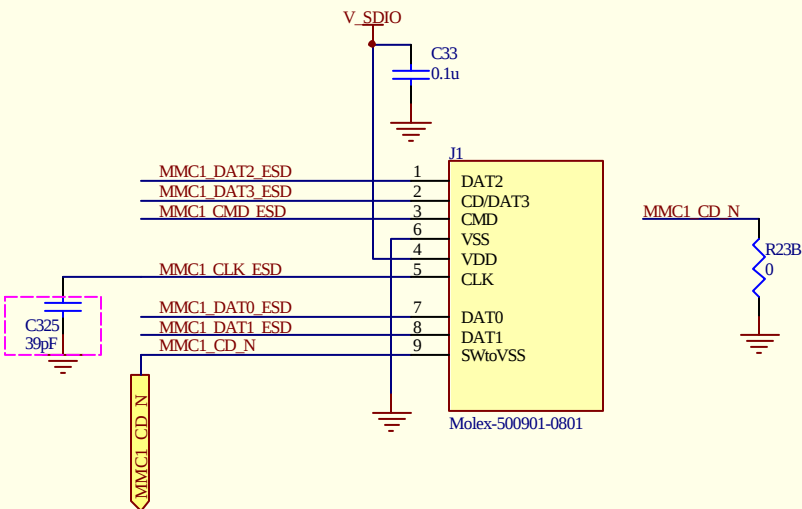
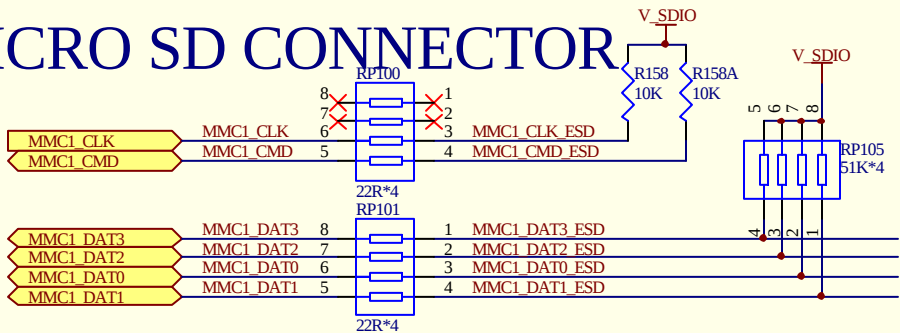


INFO:OPTIONAL RESISTORS FOR DDP DDR AND 1-GBIT MONOLITHIC DDR

INFO:OPTION FILTER



MICRO SD CONNECTOR



Title		
MEM&SD		
Size	Number	Revision
A3		MobileIDIIIcMain V3
Date:	22-Apr-2009	Sheet 4 of 11
File:	E:\IC\WANG\Datasheet\Marvell\Hardware\Blackbird\Main\MobileIDIIIcV3	

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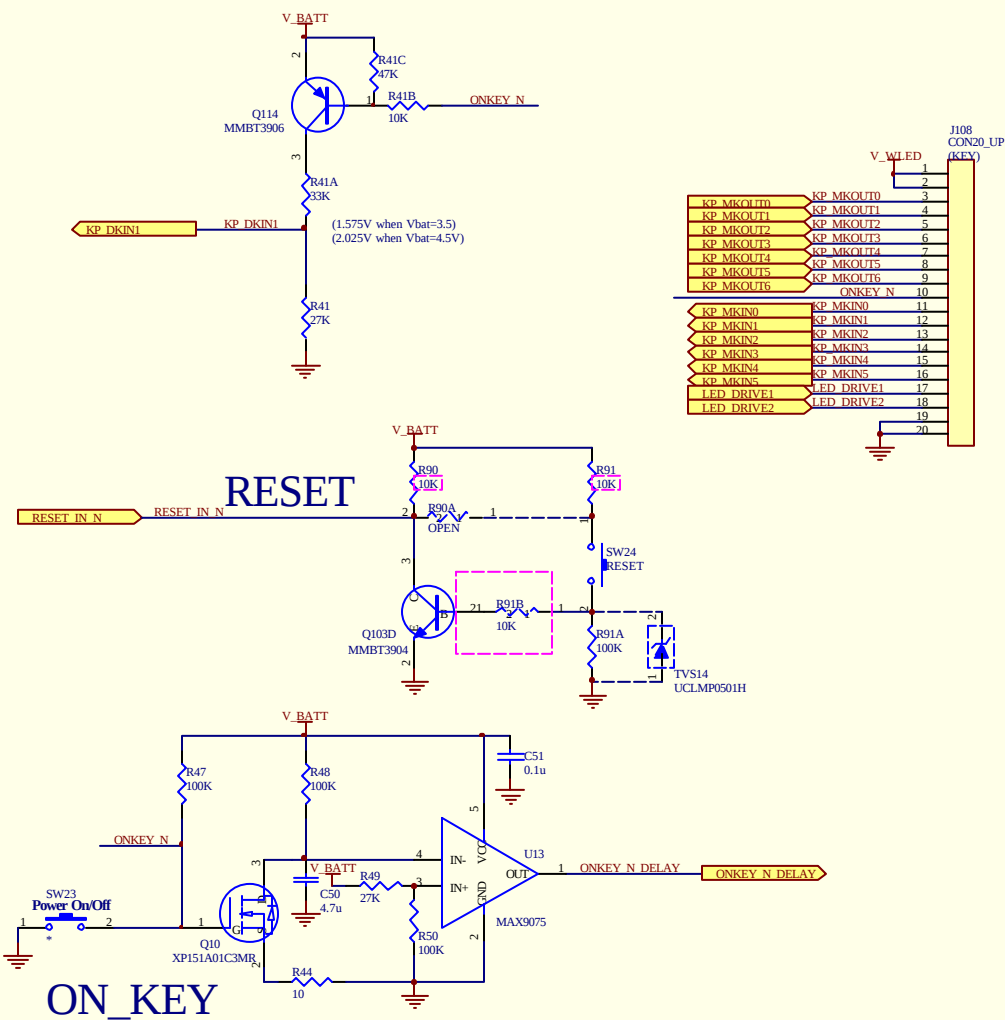
A

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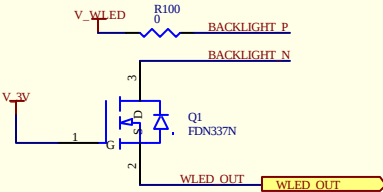
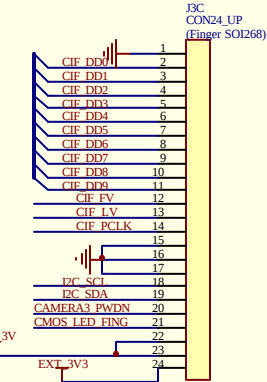
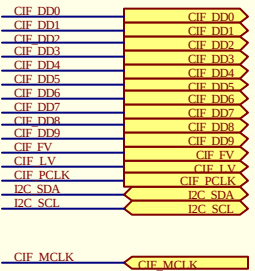
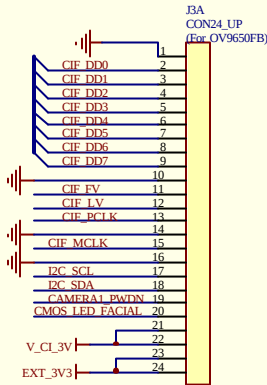
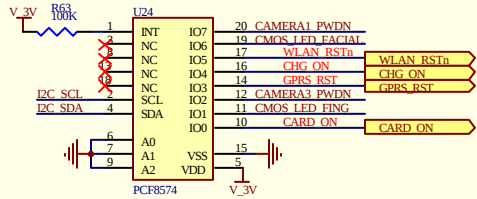
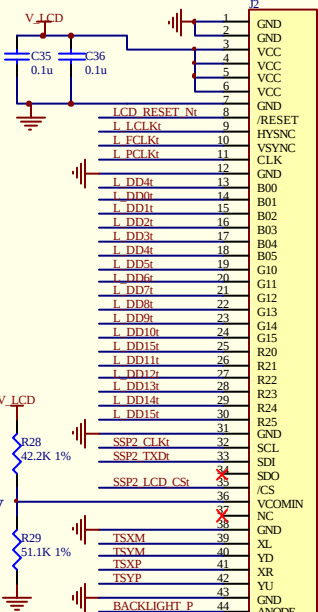
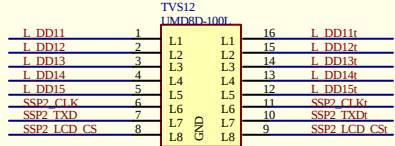
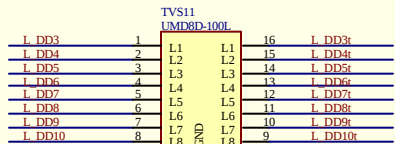
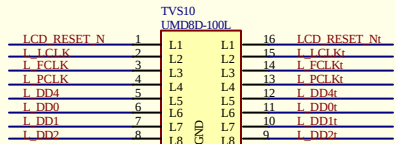
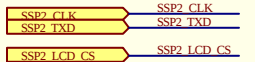
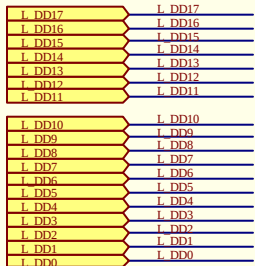
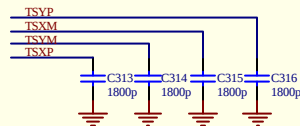
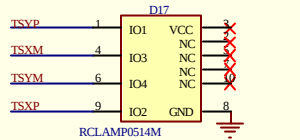
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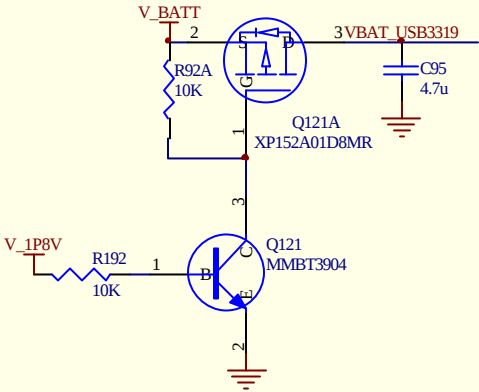
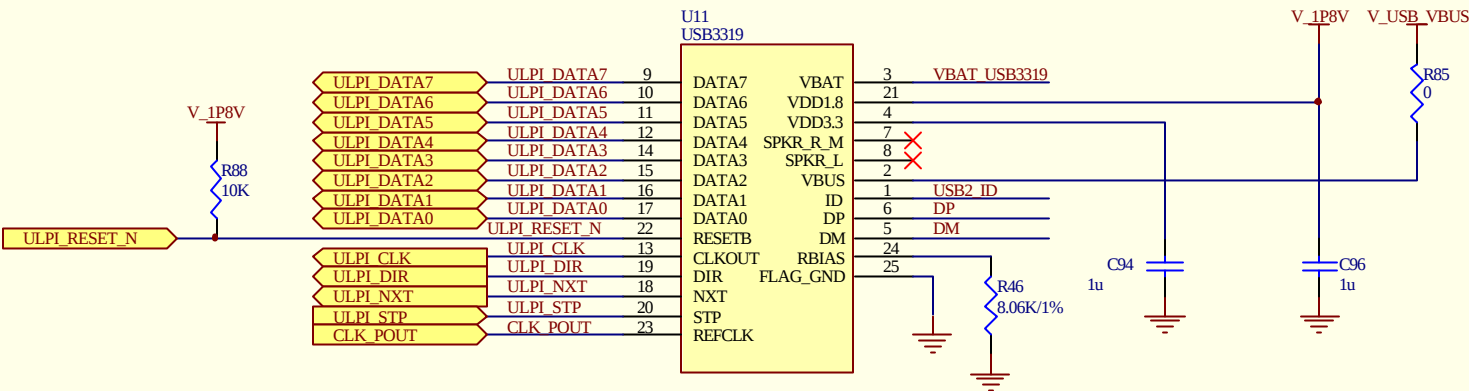
Title KEY		
Size A2	Number	Revision MobileDIIIcMain V3
Date: 22-Apr-2009	Sheet5 of 11	
File: E:\C\W\ANG\Datashet\Mac\Vol1\Hardware\MobileID_HIC_V3\BlackBoardMainMobile		



LAYOUT:PLACE R1 CLOSE TO PROCESSOR
LAYOUT:ROUTE SDCLK<0/1> DIFFERENTIALLY

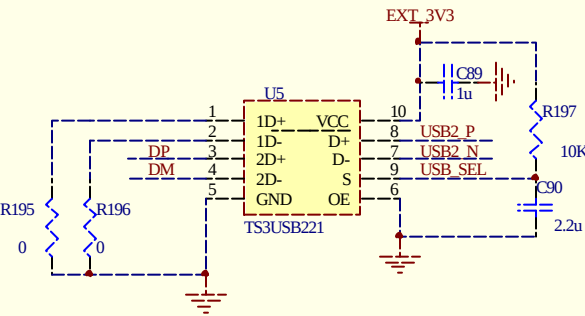
Title LCD&CAMERA		
Size A2	Number	Revision MobileIDIIIcMain V3
Date: 22-Apr-2009	Sheet 6 of 11	
File: E:\JWC\ANG\Datasec\Main\Vol1\Hardware\MobileID_III\CFR\BackRdMain\Mobile		

ULPI USB OTG

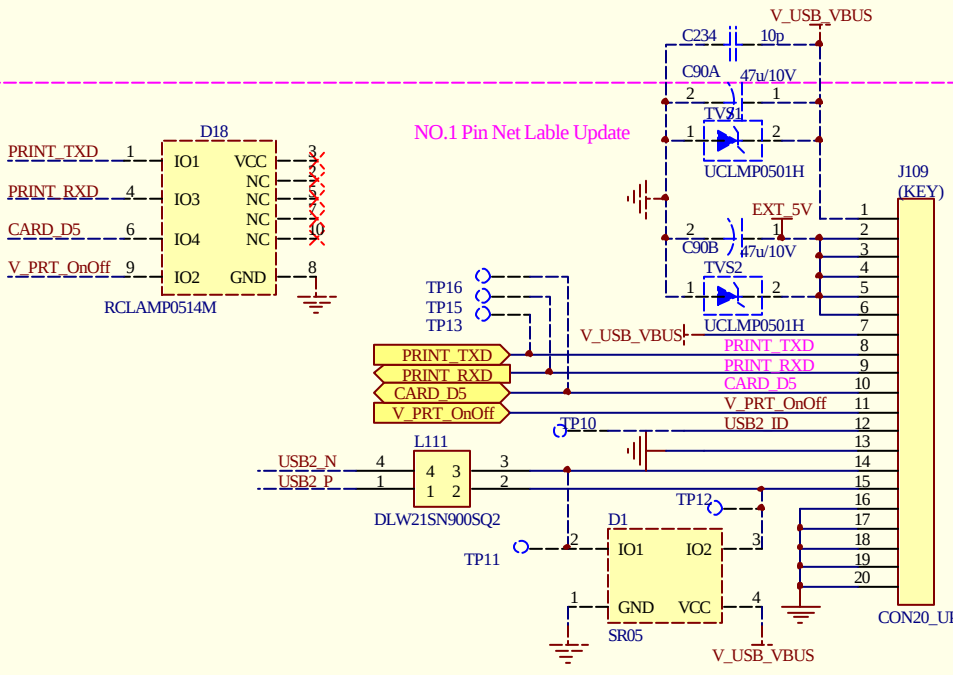


INFO:ROUTE USB2_P/N DIFFERENTIALLY
INFO:POPULATE FOR MONAHANS L USB OTG

USB_OTG



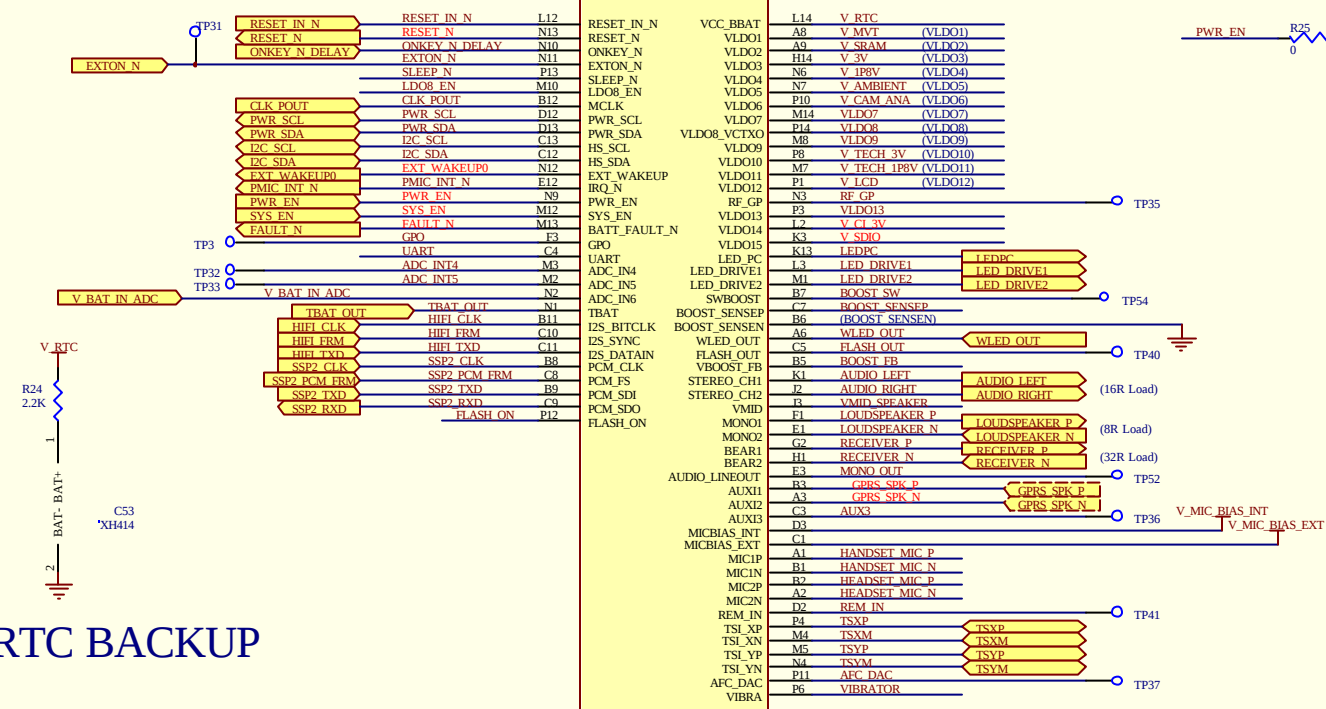
USB MINI AB CONNECTOR



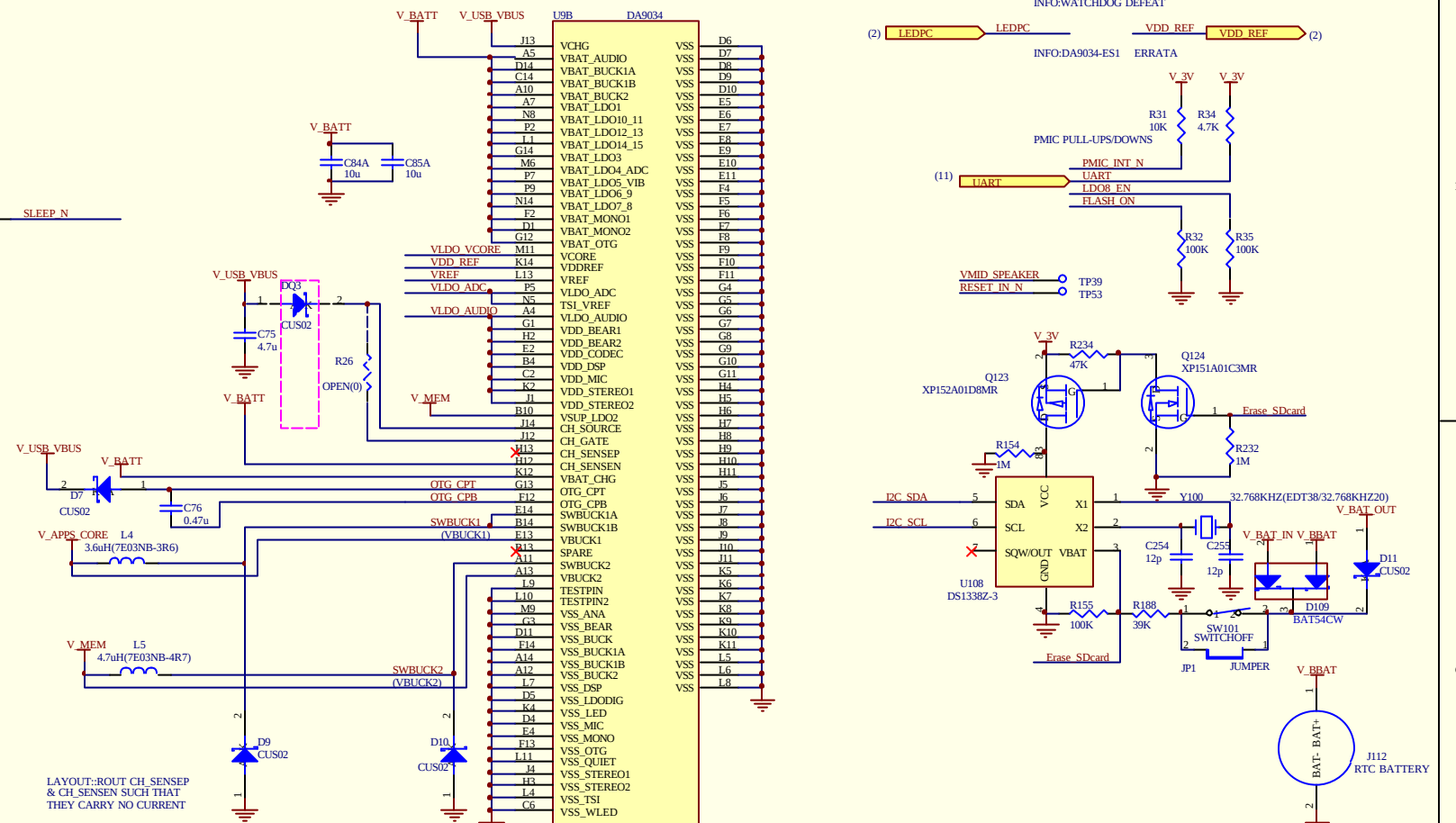
Delete USB2.0 Connector

Title		
USB		
Size	Number	Revision
A3		MobileIDIIcMain V3
Date:	22-Apr-2009	Sheet 7 of 11
File:	E:\IC\WANG\Datasheet\MarVell\Hardware\Blackbird\Main\MobileIDIIc V3\BlackBirdMain\MobileIDIIcV3.	

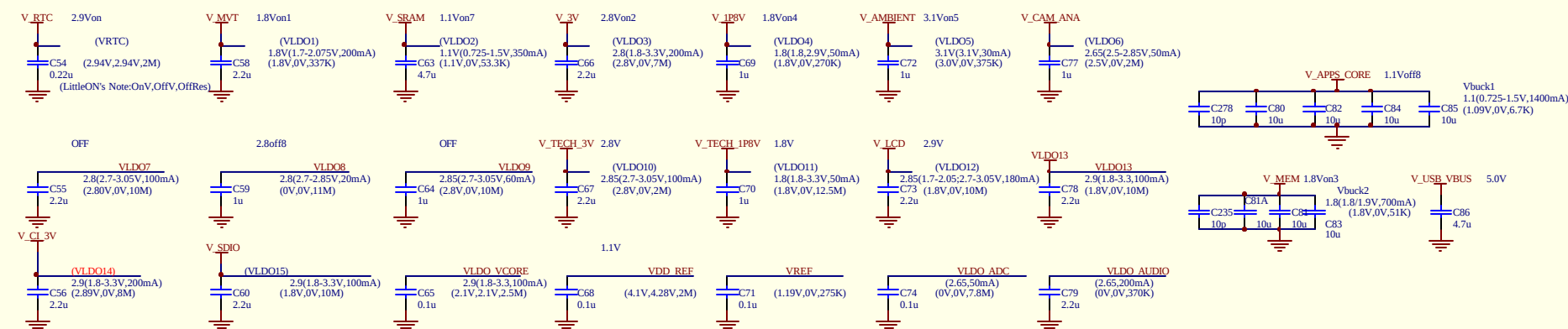
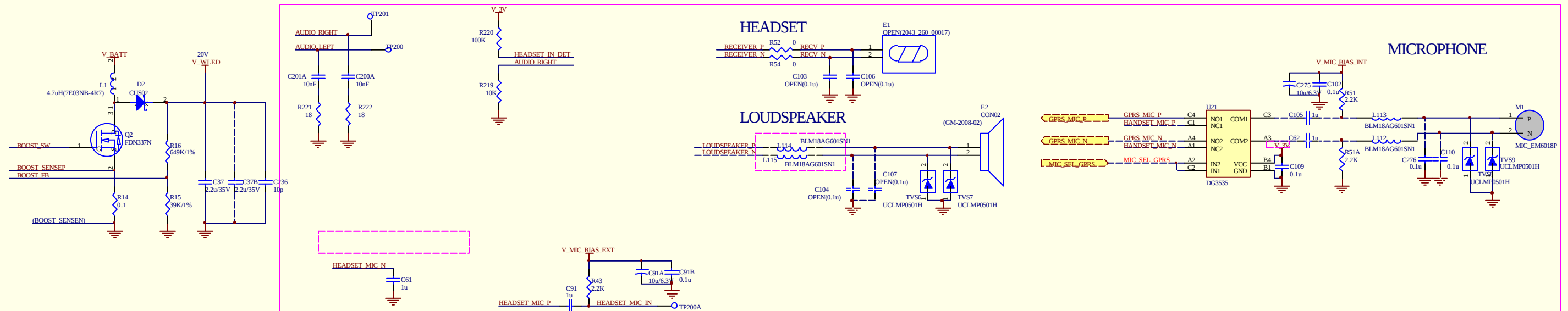
U9A
DA9034



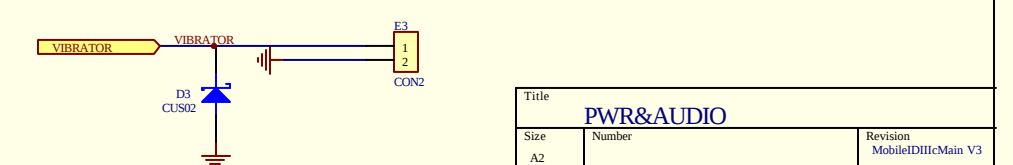
INFO:I2C SLAVE ADDRESS = 0X68/0X69
LAYOUT:ROUTE HEADSET_MIC AND HANDSET_MIC AS STRIPLINE

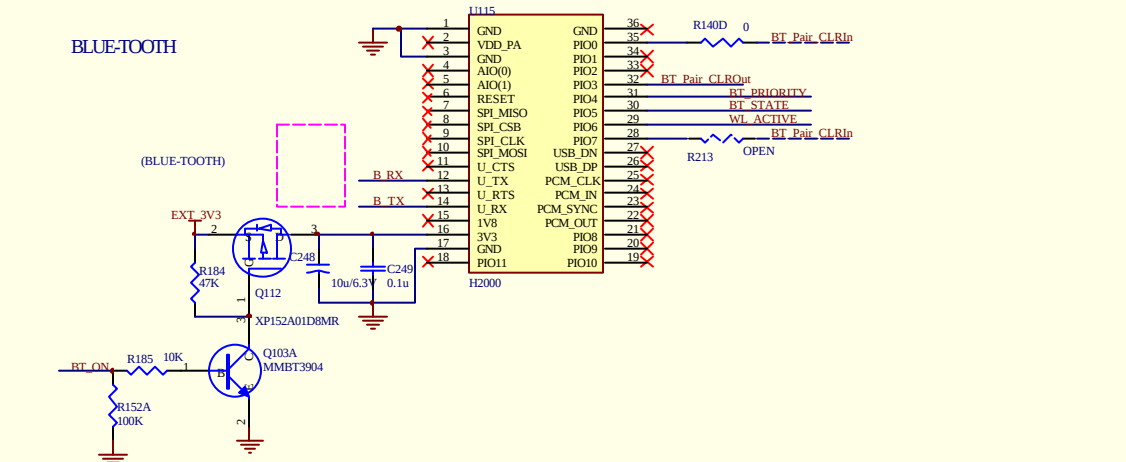
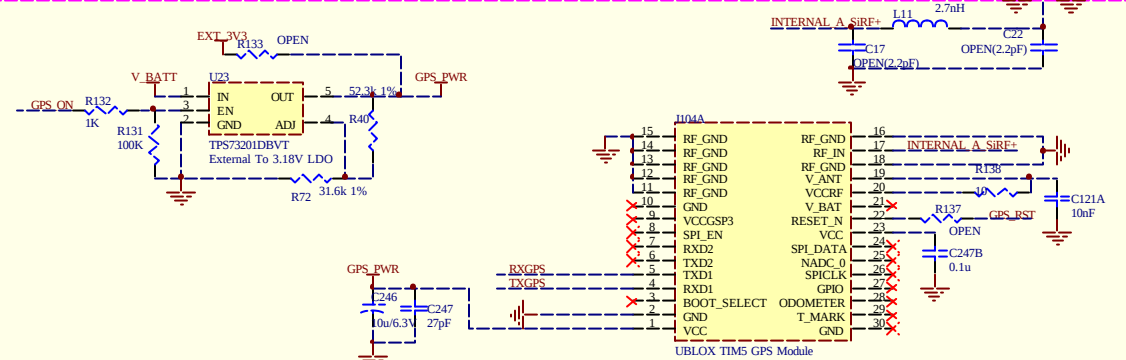
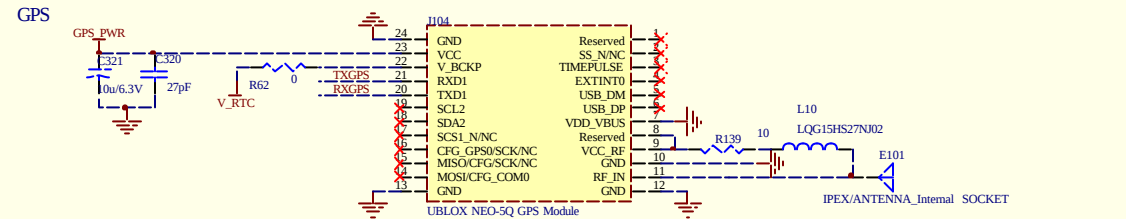


RTC BACKUP

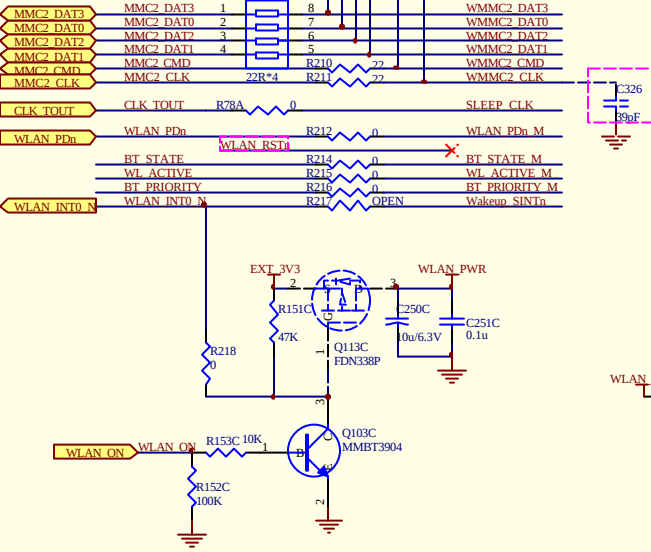


VIBRATION MOTOR

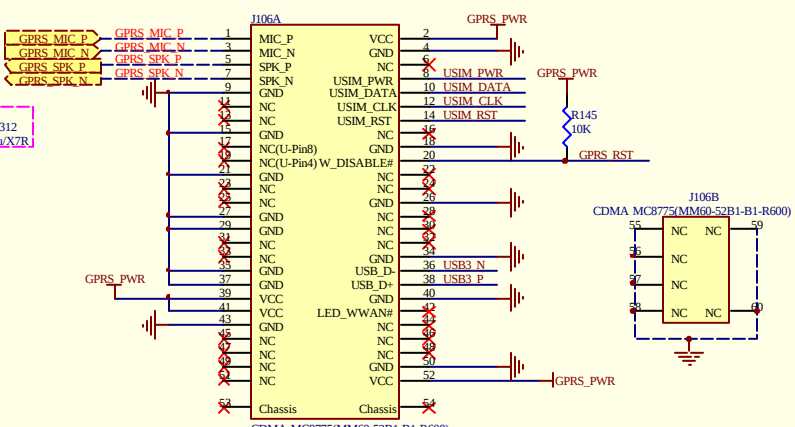




WLAN



GPRS MODULE



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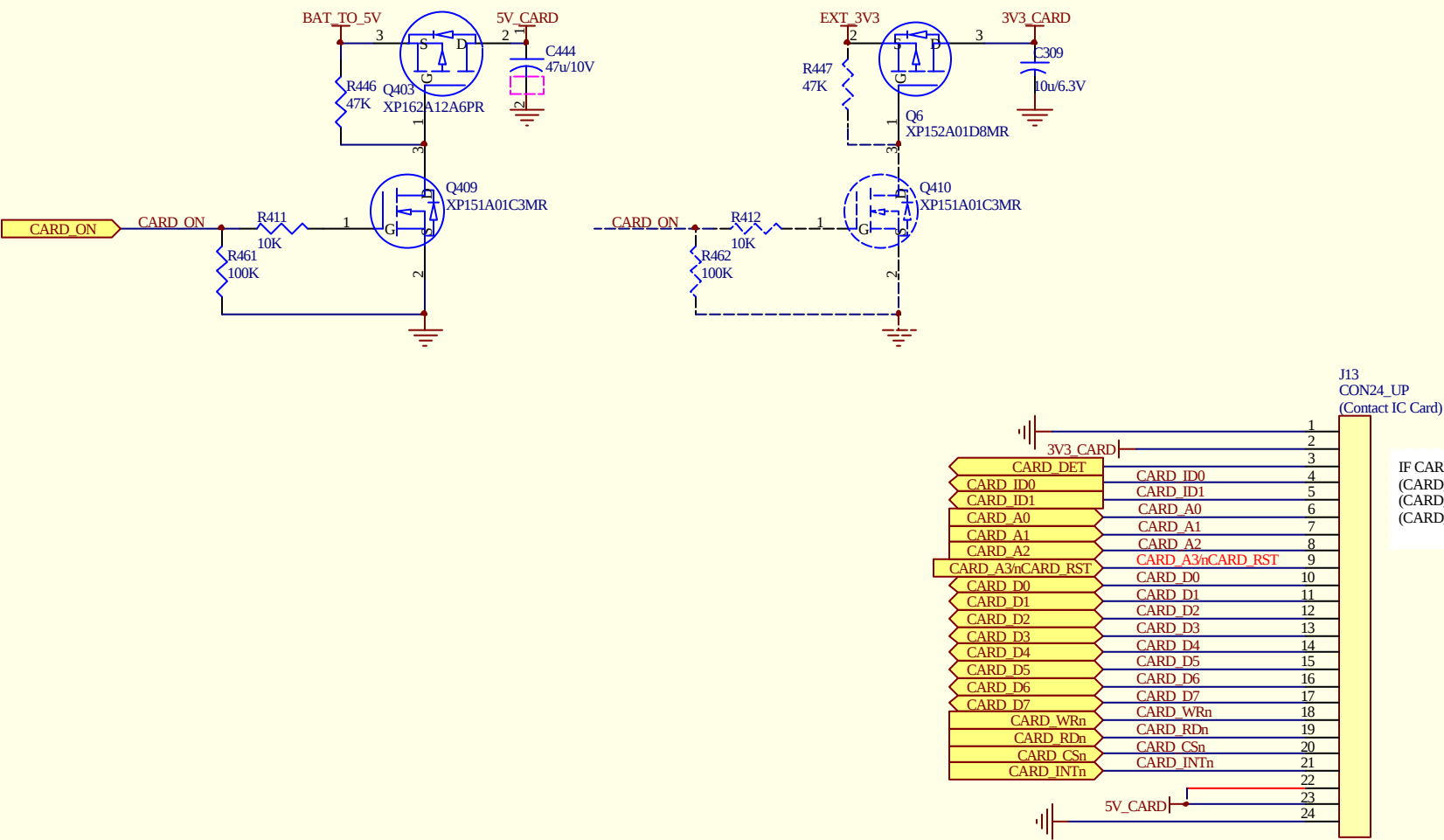
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Title		
Card		
Size	Number	Revision
A3		MobileIDIIcMain V3
Date:	22-Apr-2009	Sheet 9 of 11
File:	E:\IC\WANG\Datasheet\Marvell\Hardware\Blackbird\Blackbird\MobileID8IIC V3\BlackBirdMain\MobileIDIIcV3.	