

WEEKLY REPORT

Group name : DEC13-01-Ultrasound Brain Imaging System	Date:3/25/13 (Spring break and week before)
Client/Advisor: Tim Bigelow	
Attendees/Role: Zach Bertram(Webmaster/document writing), Maurio Mckay(Communication/document writing), Michael McFarland(Leader/PCB design), and Jonathan Runchey(Communication/PCB design)	

ACCOMPLISHMENTS FOR PAST WEEK

WHAT	WHO	WHEN
We got the OK from the senior design community to purchase the TX-SDK-V2 evaluation model	Jonathan	3/13
Sent an email to Lee to order TX-SDK-V2 board (after meeting with Dr. Bigelow)	Jonathan	3/14
Met as a group to work on design document	Whole team	3/13
Meeting with Dr. Bigelow	Whole team	3/14
Met as a group to finish the layout of the design document(basically making it look more uniform and professional)	Jonathan Michael and Zach	3/14
Created the layout patterns for all the parts	Michael	Spring break
Created the multisim symbols for the parts	Zach	Spring break
While some more research on the various cards for the NI PXI system that Dr. Bigelow plans on ordering Zach noticed that the NI-5752 receive cards use the TI AFE5801 chip for the ADC. This chip includes a VGA, which means we will not need to add one to our PCB design.	Zach	Spring break
Started looking for an LNA chip to use in our design	Zach	Spring break

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Start rewriting the project plan and keep the design document up to date(start a rough outline of our presentation)	Maurio and Zach	Own time
Finish multisim layout for the 8 channel test circuit we need to design(see; pending issues)	Jonathan and Michael	Own time
After meeting with Bigelow start on the receive circuit that we will need to use with the Evaluation board to test if everything will work properly together	Michael	Own time

PENDING ISSUE

ISSUE	RESPONSIBILITY
Over spring break we found out that the TX-SDK-V2 evaluation board is on backorder and we wouldn't be able to receive it until May 12. So we going to go ahead and try to design our own evaluation board.	Jonathan and Michael

INDIVIDUAL HOURLY CONTRIBUTION

NAME	HOURS
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Zach Bertram	8+6(spring break)
Maurio Mckay	6
Michael McFarland	8+8(spring break)
Jonathan Runchey	7