

Project Design Specifications				
Pluto Sink Settings	Unit	Design A	Design B	Design C
samp_rate	Hz	1.6M	1.6M	1.6M
Pluto Carrier Frequency (fc)	GHz	0.7	0.85	1.1
Symbol Rate (fsym)	bits × 10 ³ /sec	160	80	320
Signal Amplitude (Asig)		0.15	0.15	0.2
Interference Frequency (fint)	Hz	320k	250k	480k
Interference Amplitude (Aint)		0.3	0.25	0.2
Interference Symbol rate	bits /sec	40k	40k	40k
Cut-off Frequency	Hz	80k	80k	80k
Transition Width	Hz	10k	10k	10k
RTL-SDR Source Settings				
samp_rate	Hz	1.6M	1.6M	1.6M
RTL-SDR Carrier Frequency (freq)	GHz	0.7	0.85	1.1
Analog Discovery 2 Settings				
samp_rate	Hz	4M	4M	4M
opamp_file Settings				
fs_in	Hz	4M	4M	4M
fs_out	Hz	1.6M	1.6M	1.6M
Final Presentation Message		Hello	Hello	Hello
		Evaluator	Evaluator	Evaluator
Monday PM		Zhang Jianwen	Heng Chun Huat	Eric Cheung
Wednesday PM		Zhang Jianwen	Ba Myint	Eric Cheung
Thursday AM		Heng Chun Huat	Ba Myint	Eric Cheung

Group	Student Name	Design Spec	Day	Demo Time
B01 1	MUHAMMED ANAS S/O TARIQ	Design A	Monday PM	2:00-2:20PM
B01 1	SYED ISMAIL MUHAMMAD IDRIS	Design A	Monday PM	2:00-2:20PM
B01 2	BENJAMIN TANG ZHI QIAN	Design C	Monday PM	2:00-2:20PM
B01 2	WANG CEXIAN	Design C	Monday PM	2:00-2:20PM
B01 3	DENNIE KUAH JUN KIAT	Design A	Monday PM	2:20-2:40PM
B01 3	KOK CHENG YUE	Design A	Monday PM	2:20-2:40PM
B01 4	LEE SI QIN ILLYAS	Design C	Monday PM	2:20-2:40PM
B01 4	MUHAMMAD KHALIS BIN MOHAMAD JUHAIDI	Design C	Monday PM	2:20-2:40PM
B01 5	SAYED ABDUL RASYID BIN MOSTAFA ALKAFF	Design A	Monday PM	2:40-3:00PM
B01 5	YEO ENG HOE JASON	Design A	Monday PM	2:40-3:00PM
B01 6	HANS TAY	Design B	Monday PM	2:00-2:20PM
B01 6	SAMUEL SIOH JING DA	Design B	Monday PM	2:00-2:20PM
B01 7	JUSTIN TAN WEE HOW	Design B	Monday PM	2:20-2:40PM
B01 7	SAMUEL LAM WEI LIANG	Design B	Monday PM	2:20-2:40PM
B01 8	SEOW ZHI SHENG	Design B	Monday PM	2:40-3:00PM
B01 8	WOON JUN WEI	Design B	Monday PM	2:40-3:00PM
B01 9	DONG LANGQING	Design C	Monday PM	2:40-3:00PM
B01 9	FAN SIYI	Design C	Monday PM	2:40-3:00PM
B01 10	LIU XIAOHAN	Design B	Monday PM	3:00-3:20PM
B01 10	XIE LINRAN	Design B	Monday PM	3:00-3:20PM
B01 11	TAN WEI QIANG, BENJAMIN	Design A	Monday PM	3:00-3:20PM
B01 11	TEO YOU QUN	Design A	Monday PM	3:00-3:20PM
B01 12	CHUA YI WEI	Design C	Monday PM	3:00-3:20PM
B01 12	TAN SONG JUN	Design C	Monday PM	3:00-3:20PM
B01 13	KHO KIAN CHONG	Design B	Monday PM	3:20-3:40PM
B01 13	SEOW CHEN JIAT DENIS	Design B	Monday PM	3:20-3:40PM

B01 14	LEE JUN QING	Design C	Monday PM	3:20-3:40PM
B01 14	LIM YAO RONG	Design C	Monday PM	3:20-3:40PM
B01 15	FAN CHUN CHING KEN	Design A	Monday PM	3:20-3:40PM
B01 15	NG YAN JIE	Design A	Monday PM	3:20-3:40PM
B02 1	IMTIAZ BIN YAZDANY	Design B	Wednesday PM	2:00-2:20PM
B02 1	MUHAMMAD ZAKARIA BIN AZLAN	Design B	Wednesday PM	2:00-2:20PM
B02 2	LEE WEI ZHENG	Design B	Wednesday PM	2:20-2:40PM
B02 2	NIGEL IAN CROSS	Design B	Wednesday PM	2:20-2:40PM
B02 3	CLIVE YUAN YUE HERNG	Design B	Wednesday PM	2:40-3:00PM
B02 3	TEO ZHENG PING	Design B	Wednesday PM	2:40-3:00PM
B02 4	JODY	Design A	Wednesday PM	2:00-2:20PM
B02 4	KOH JUN HAO	Design A	Wednesday PM	2:00-2:20PM
B02 5	NG KEE FONG	Design B	Wednesday PM	3:00-3:20PM
B02 5	OH GEOK KUAN	Design B	Wednesday PM	3:00-3:20PM
B02 6	XIE JIALONG	Design C	Wednesday PM	2:00-2:20PM
B02 6	YANG JINMING	Design C	Wednesday PM	2:00-2:20PM
B02 7	ALRENE FAYE MARCELO CRUZ	Design C	Wednesday PM	2:20-2:40PM
B02 7	TAN SOK YEE DAPHNE	Design C	Wednesday PM	2:20-2:40PM
B02 8	LEE JUN JIE	Design A	Wednesday PM	2:20-2:40PM
B02 8	TAN DOW JIE, DEXTER	Design A	Wednesday PM	2:20-2:40PM
B02 9	LIM WEI CHONG JEFFREY	Design B	Wednesday PM	3:20-3:40PM
B02 9	NAH QING YANG	Design B	Wednesday PM	3:20-3:40PM
B02 10	HO ZI FENG	Design C	Wednesday PM	2:40-3:00PM
B02 10	QUEK CHEK MENG	Design C	Wednesday PM	2:40-3:00PM
B02 11	HE TIANYU	Design A	Wednesday PM	2:40-3:00PM
B02 11	WU WENRUI	Design A	Wednesday PM	2:40-3:00PM
B02 12	HUP JING SI	Design C	Wednesday PM	3:00-3:20PM
B02 12	POON SI YING, AVERIL	Design C	Wednesday PM	3:00-3:20PM
B02 13	GINA LEOW HUI JIE	Design A	Wednesday PM	3:00-3:20PM

B02 13	LINDA FRANCIS	Design A	Wednesday PM	3:00-3:20PM
B02 14	JIMMY LOW DE JIAN	Design C	Wednesday PM	3:20-3:40PM
B02 14	YAP JUN XIAN	Design C	Wednesday PM	3:20-3:40PM
B02 15	LIM LI ZHENG	Design A	Wednesday PM	3:20-3:40PM
B02 15	TSENG HONG KAI	Design A	Wednesday PM	3:20-3:40PM
B02 16	GUVVALA KEERTHIKA REDDY	Design A	Wednesday PM	3:40-4:00PM
B02 16	JEREMY LEONG WENG ONN	Design A	Wednesday PM	3:40-4:00PM
B02 17	NG YONG JIE	Design B	Wednesday PM	3:40-4:00PM
B02 17	TEO YAN XIN	Design B	Wednesday PM	3:40-4:00PM
B02 18	CHIA SHAN JIN	Design C	Wednesday PM	3:40-4:00PM
B02 18	ERYNN SZETO YAN KAY	Design C	Wednesday PM	3:40-4:00PM
B02 19	SHAFEER AHAMED H	Design B	Wednesday PM	4:00-4:20PM
B02 19	YAP JIA XIN	Design B	Wednesday PM	4:00-4:20PM
B02 20	TAN TECK ROY DEROY	Design C	Wednesday PM	4:00-4:20PM
B02 20	YEO YAK HANG	Design C	Wednesday PM	4:00-4:20PM
B03 1	CHANG KAI WEN, KELLY	Design C	Thursday AM	9:00-9:20AM
B03 1	WU JUI CHIEH	Design C	Thursday AM	9:00-9:20AM
B03 2	DARRYL CHUA YONG LIANG	Design B	Thursday AM	9:00-9:20AM
B03 2	GORDON OH JIA JUN	Design B	Thursday AM	9:00-9:20AM
B03 3	LI ZIYAN	Design C	Thursday AM	9:20-9:40AM
B03 3	NURUL FATIMAH BINTI ISKANDAR MUDA ABDUL JALIL	Design C	Thursday AM	9:20-9:40AM
B03 4	PRAVEEN RAMAN	Design B	Thursday AM	9:20-9:40AM
B03 4	TANG ZHONGNUO	Design B	Thursday AM	9:20-9:40AM
B03 5	NANDANA MENON RAJEEV	Design A	Thursday AM	9:00-9:20AM
B03 5	ZAIHEEDA BTE ZAINI	Design A	Thursday AM	9:00-9:20AM
B03 6	QI YIFEI	Design A	Thursday AM	9:20-9:40AM
B03 6	SIM WEI JUN AARON	Design A	Thursday AM	9:20-9:40AM
B03 7	LI DANNI	Design B	Thursday AM	9:40-10:00AM
B03 7	ZHENG GERUI	Design B	Thursday PM	9:40-10:00AM

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