

# Team

06 October 2014 16:10

## Progress

No.	Function	Comment	Schematic	Comment	People	Layout	Comment	People
1	Inverter		Done			Done		
2	Ring oscillator	7.7MHz	Done	7.73MHz	cc6g11, jm15g13	Done	7.76MHz	ss4g13
3	4-bit adder		Done	V1.0	ss4g13	Done	V1.0	ss4g13
4	Sequence recogniser	11100101	Done	V2.0	yz39g13, jm15g13	Done	V1.0	jm15g13
5.1	Hamming encoder		Done	V1.0	yz39g13	Done	V1.0	ss4g13, jm15g13
5.2	Hamming decoder		Done	V2.0	yz39g13	Done	V2.0	yz39g13, ss4g13
Full	Full chip integration		Done	V1.0	yz39g13	Done	V1.0	yz39g13

## Timeline

ID	Time	Type	Comment
cc6g11	06/10	Schematic	Finished ring oscillator
yz39g13	06/10	Schematic	Finished sequence recogniser
yz39g13	07/10	Schematic	Updated sequence recogniser by a mistake spotted by jm15g13
jm15g13	07/10	Schematic	Adjusted ring oscillator for new OrCAD library
yz39g13	07/10	Schematic	Finished shift register, decoder ALU, decoder error corrector
ss4g13	08/10	Layout	Finished ring oscillator, 7.76MHz
ss4g13	08/10	Layout	Finished shift register for decoder
yz39g13	08/10	Schematic	Finished decoder state machine
yz39g13	08/10	Layout	Finished decoder ALU, decoder error corrector
ss4g13	08/10	Layout	Finished decoder state machine
jm15g13	08/10	Layout	Finished sequence recogniser, but failed on simulation
yz39g13	09/10	Schematic	Finished encoder
ss4g13	09/10	Layout	Finished encoder state machine
ss4g13	10/10	Both	Finished 4-bit adder
yz39g13	10/10	Layout	Finished decoder output buffer, combined decoder
jm15g13	10/10	Layout	Fixed sequence recogniser
yz39g13	10/10	Schematic	Finished decoder output buffer, combined decoder
jm15g13	11/10	Layout	Finished encoder
yz39g13	11/10	Both	Finished full chip integration, not simulated yet
yz39g13	13/10	Both	Finished full chip integration simulation
yz39g13	17/10	Both	Update decoder design so it will only need 8 cycles
yz39g13	18/10	Schematic	Tested by Il Bagatto and Il Matto
yz39g13	20/10	Both	Submitted
yz39g13	23/10	Schematic	Modified for submission

## Team J

ID	Name	Or
yz39g13	Yubo Zhi	Norman
cc6g11	Christopher Carville	
yl3c11	Yushuo Liu	Jeremy
jm15g13	Jiuxi Meng	Clark
ss4g13	Shuai Shao	David
dh1g14	Diwen Hu	