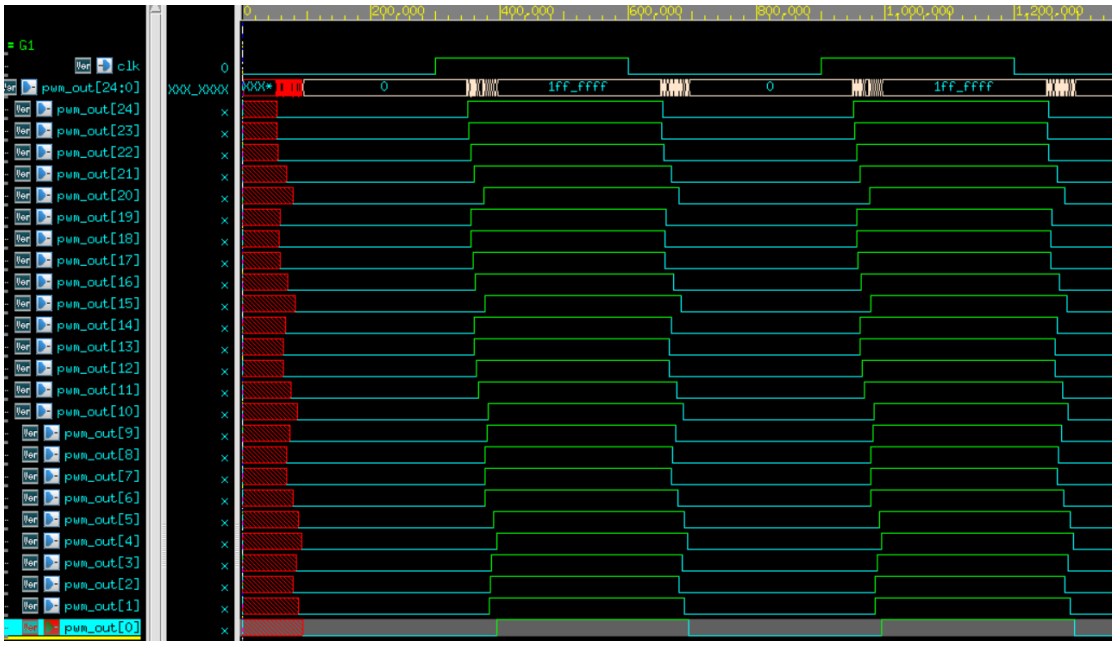
Timing Circuit

Homework 2

I. Cell base design

(a) Pulse shrinking amount

Pulse shrinking amount (ps)					
X_{first}/X_{second}	XL	X1	X2	X3	X4
XL	1	-3	6	4	3
X1	4	0	9	9	7
X2	-3	-9	0	-3	-6
X3	-5	-9	0	-2	-4
X4	-3	-7	1	-1	-4



(x axis unit : fs)