Memory

252	
248	
244	
240	
236	
232	
228	
224	
220	
216	
212	
208	
204	
200	
⋮	
48	
44	
40	
36	
32	
28	
24	
20	
16	
12	
8	
4	
0	

Registers

x31	
⋮	
x11	
x10	
x9	
x8	
x7	
x6	
x5	
x4	
x3	
x2	
x1	
x0	

Inputs

in2	
in1	
in0	

Outputs

out2	
out1	
out0	