

```

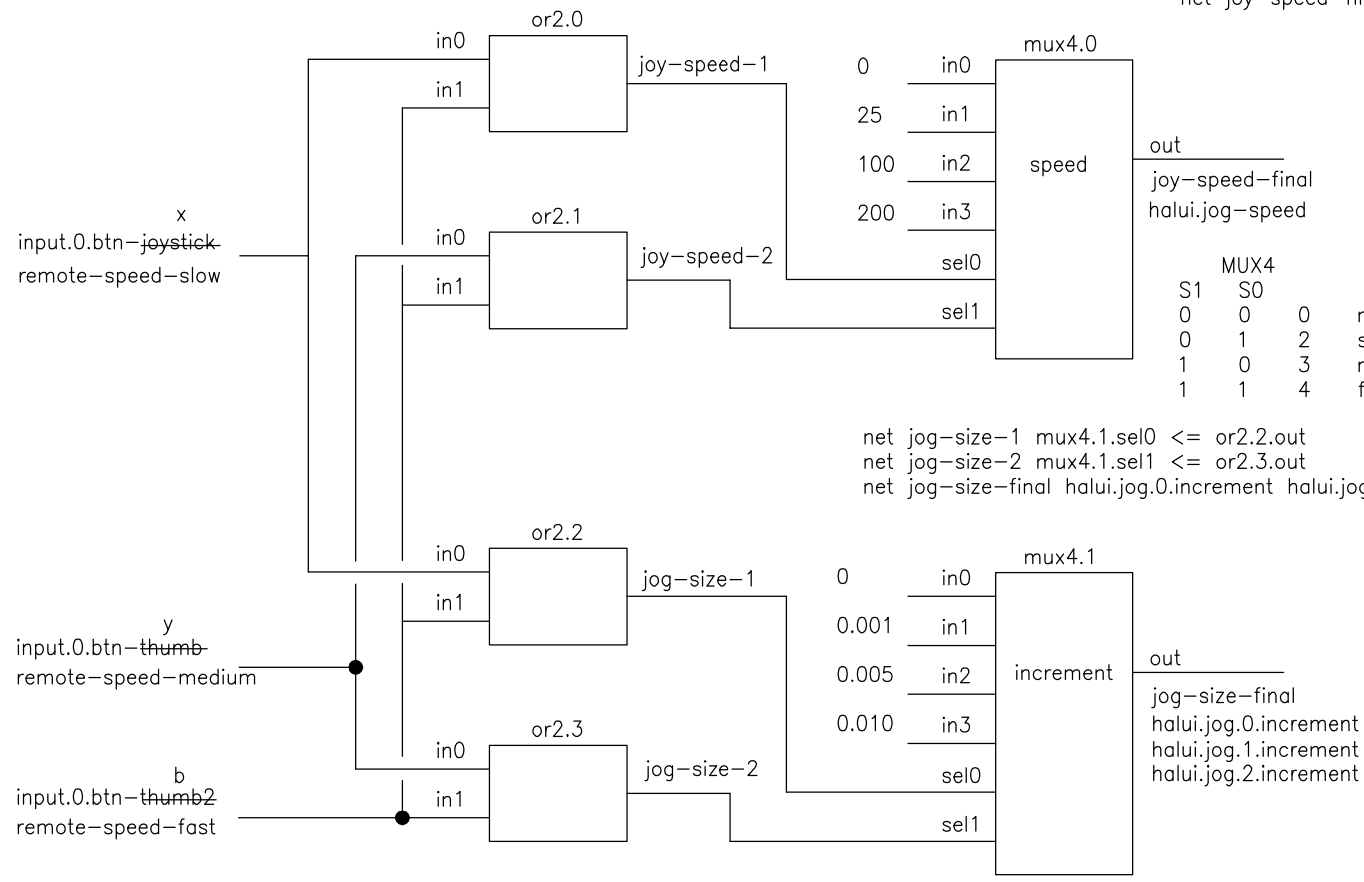
net remote-speed-slow or2.0.in0 or2.2.in0 input.0.btn-joystick x
net remote-speed-medium or2.1.in0 or2.3.in0 input.0.btn-thumb y
net remote-speed-fast or2.0.in1 or2.1.in1 or2.2.in1 or2.3.in1 input.0.btn-thumb2 b

```

```

net joy-speed-1 mux4.0.sel0 <= or2.0.out
net joy-speed-2 mux4.0.sel1 <= or2.1.out
net joy-speed-final halui.jog-speed <= mux4.0.out

```



```

net jog-size-1 mux4.1.sel0 <= or2.2.out
net jog-size-2 mux4.1.sel1 <= or2.3.out
net jog-size-final halui.jog.0.increment halui.jog.1.increment halui.jog.2.increment <= mux4.1.out

```

MUX4
-it is assumed that user will push only one button at a time:
-SLOW
-MEDIUM
-FAST
It is possible that two buttons can be pushed simultaneously

MUX4		
S1	S0	
0	0	0 no speed
0	1	2 slow
1	0	3 medium
1	1	4 fast