

$x = 90,000$ - all the way to the left

max right

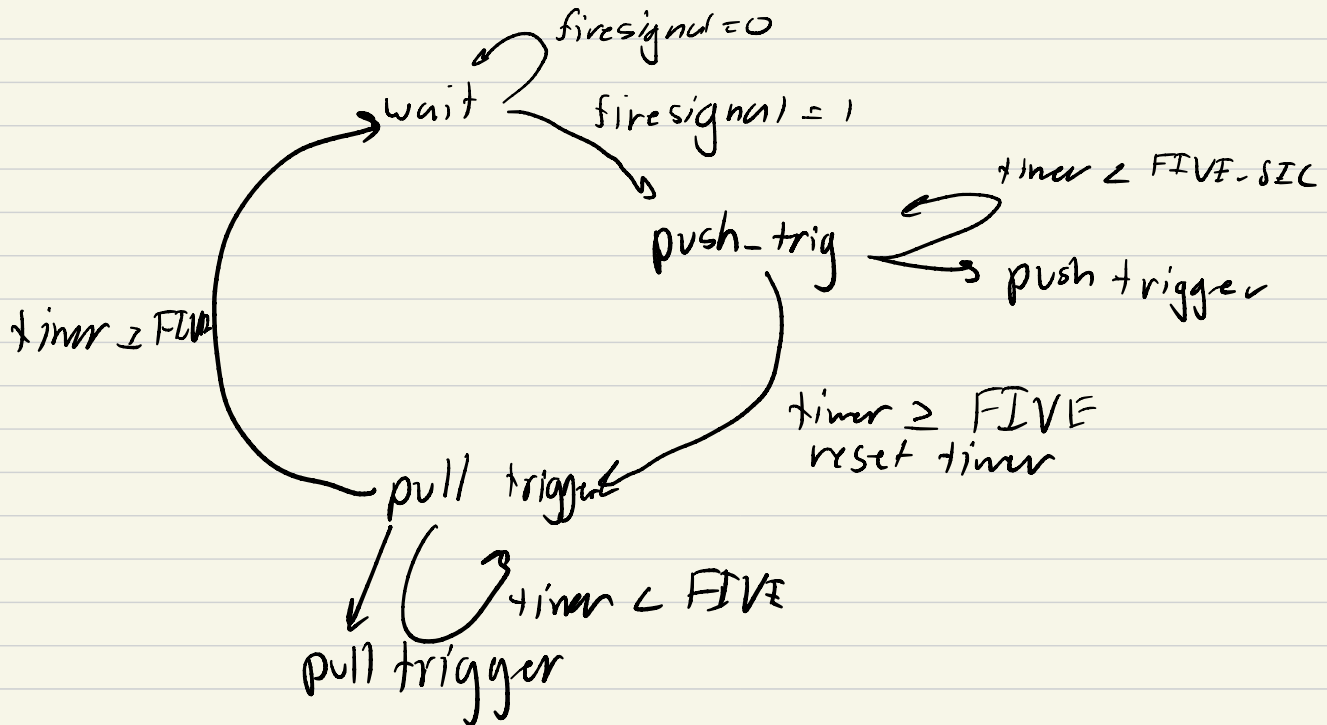
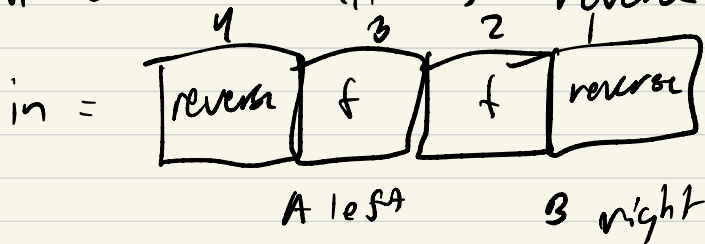
$$\frac{2.1}{5} = \frac{x}{500,000}$$

$x = 210,000$ - all the way right

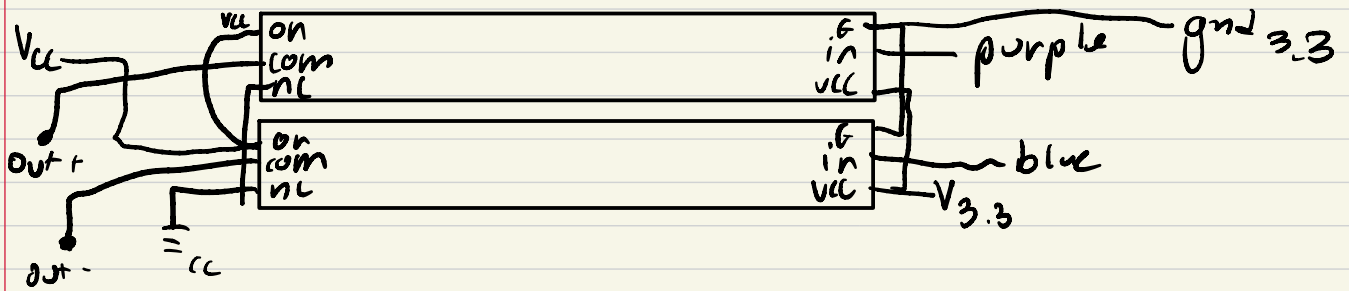
When the pwm size is incremented to the maximum position, set a reverse flag and decrement the pwm size instant until minimum position

Light checking with colored paper

only middle	010	→	go forward
middle right	011	→	speed up right tread
middle left	110	→	speed up left tread
only left	100	→	reverse left tread, continue right
only right	001	→	reverse right tread, continue left
none detected	000	→	reverse
all detected	111	→	reverse



relay:



pics

- ✓ complete rover
- ✓ front of rover
- ✓ rear of rover
- ✓ top of rover
- ✓ rubber band gun
- ✓ 70% and 30% Driving speed
- ✓ IR sensor
- ✓ photo transistor frequency ✓
- ✓ triple pt board
- ✓ actuator ch-
- ✓ Sense row ✓