

if sensor 3 is on the form usep going it lost sensor 3 lut see sensor 2, turn right it lost sensor 3 lut see sensor, turn lust

900 ms - 7100 ms pulses 0.9 ms - 2.1 ms

200 Hz to allow for all positions

each degree of scho is

0.000975 ms

Clk = des clk

1 = SOHZ

 $\frac{clk}{desdk} = count$ $\frac{100MH2}{50H2} = 7,000,000$

interval to add

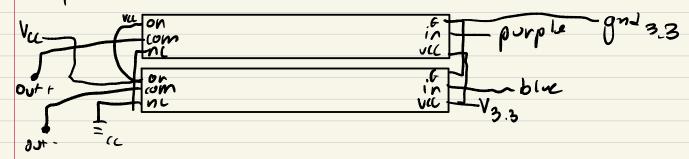
 $\frac{0.000978 \text{ ms}}{2000,000} = \frac{\times}{2,000,000}$ $20 \times \frac{100}{20} \times \frac$

x = 47.5 2 100 for ease

mar lest 0,9 × z,000,000 Sx = 450000 x= 90,000 - all the way to the left

mux right
2.1 = X
$\frac{2 \cdot 1}{5} = \frac{1}{50000}$
x= 710,000 - all the way vight
when the promisize is incremented to the maximum position, cet a revuse flag and decrement the promisize instact until minimum position
Light checking with coloned paper
only middle 010 -s go forward
middle right 011 - speed up right trend middle left 110 - speed up lest trend
only lest 100 & riverse lett from, continue right
none detected 000 or never vight tread, continue lett
all detate 111 3 revente
in = reven f reverse
Alefa 3 night
firesignul =0
firesignal = 1
tiner & FIVE-SIC
Dush-tria
Dush trigger
inur z Flu
timer > FIVE
pull triaget reset times
1 3+inan C FIVE
pull trigger
JJ





pics V complete nover

v trent of rover

vrov of rover

vhop of rever

vn boar band gun

v70./. cm2 J30./. Oriving sper2

v1R sensor

phototransister frequency

v triple of boars

v cutvatur ch
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