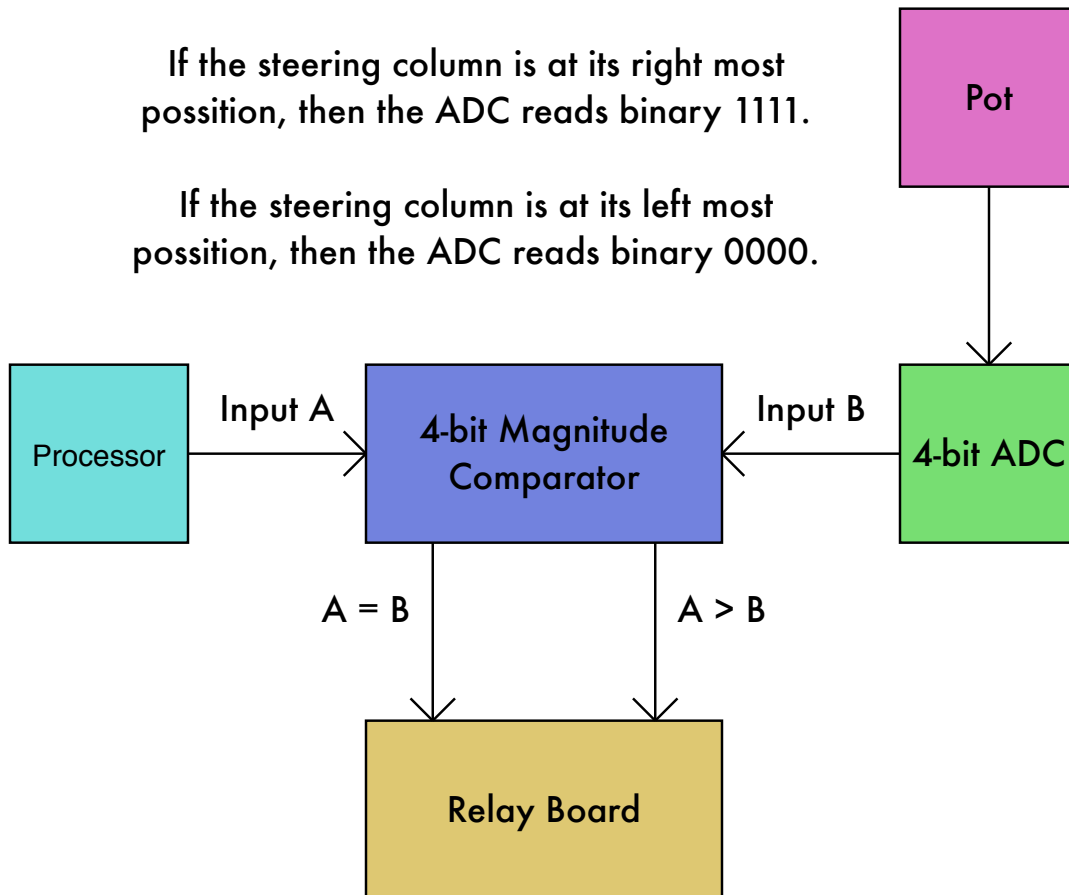


If the steering column is at its right most position, then the ADC reads binary 1111.

If the steering column is at its left most position, then the ADC reads binary 0000.



If $A = B$ is high, then the power to the steering motor is switched off.

If $A > B$ is high, then the motor turns right.

if $A > B$ is low, then the motor turns left.