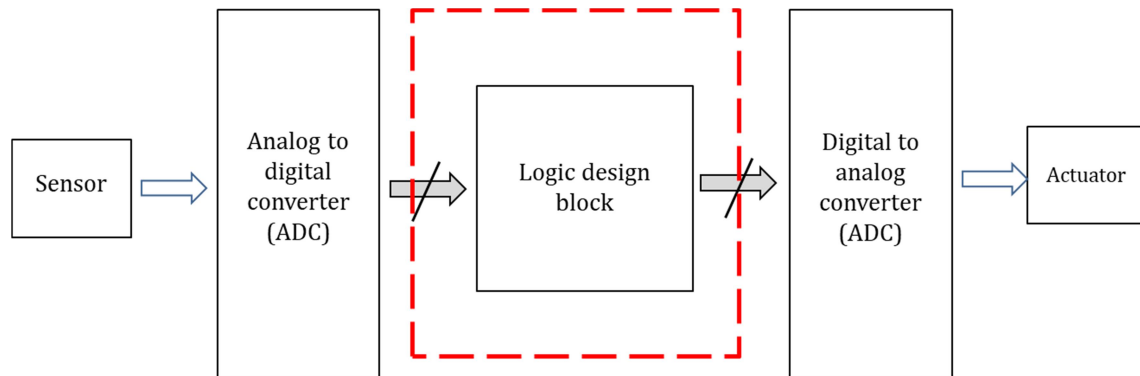


Any digital system is normally comprised of the following blocks



As a part of the assignment you can assume that the inputs and outputs to your logic design block are digital. As a part of your design, you will need to figure out the number of inputs, number of output and the various word lengths that you might need.