

Mutlplex Bionic is a myoelectric bionic prosthetic limb that aims to tackle the issue of different control mechanisms, grips, and gestures for the user all while minimizing cost of production as much as possible. The Multiplex Bionic limb will feature a number of motors that actuate 3-5 grip patterns based on the user's input and selection. Along with this additional functionality, the intuitiveness and functionality of the device.

## Simple Logic Diagram

