

This algorithm is for the production line:

- 1) Use three IR sensors: if the lowest sensor detect a box the motor will move to position one, if the first and second IR sensors detect a box the motor will move to position two, if all the IR sensors detect a box the motor will move to position three.
- 2) Use one servo motor.
- 3) Use an Arduino to control everything.
- 4) Connect the circuit.
- 5) Program the Arduino to do as specified in step one.
- 6) Run and test the circuit in a Simulation program.