

## Design Plan

Print this document then write and sketch by hand, or use your PDF reader to electronically enter text or insert images.

Project Title:

Date:

Team Members:

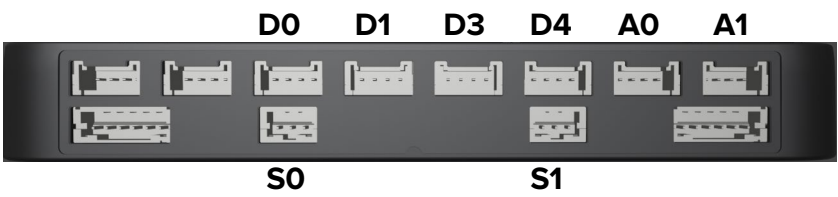
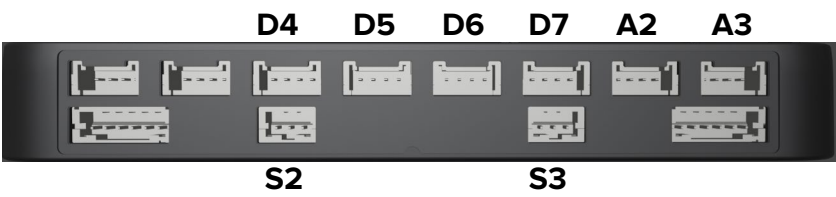
Task Description:

Physical Model



### Pi-top Input and Output Ports

Identify each component and its corresponding analog or digital port.




Left Side Expansion Plate Ports

D4	<input type="text"/>
D5	<input type="text"/>
D6	<input type="text"/>
D7	<input type="text"/>
A2	<input type="text"/>
A3	<input type="text"/>
S2	<input type="text"/>
S3	<input type="text"/>

Right Side Expansion Plate Ports

D0	<input type="text"/>
D1	<input type="text"/>
D2	<input type="text"/>
D3	<input type="text"/>
A0	<input type="text"/>
A1	<input type="text"/>
S0	<input type="text"/>
S1	<input type="text"/>

State Machine Diagram

A large, empty rectangular box with a light orange background, intended for drawing a State Machine Diagram.

Pseudocode

A large, empty rectangular box with a light orange background, intended for writing pseudocode.