

Module Interface Specification for UnoFlip3D

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1. Revision History

Date	Version	Notes
January 12th, 2025	0	Initial Commit

2. Symbols and Acronyms

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3. Introduction

The following document details the Module Interface Specifications for “FILL IN PROJECT NAME AND DESCRIPTION”

Complementary documents include the System Requirement Specifications and Module Guide. The full documentation and implementation can be found at “REPO URL”

4. Notation

The structure of the MIS for modules comes from Hoffman and Strooper (1995), with the addition that template modules have been adapted from Ghezzi et al. (2003). The mathematical notation comes from Chapter 3 of Hoffman and Strooper (1995). For instance, the symbol $:=$ is used for a multiple assignment statement and conditional rules follow the form $(c1 \Rightarrow r1 | c2 \Rightarrow r2 | \dots | cn \Rightarrow rn)$. The following table summarizes the primitive data types used by UnoFlip.

5. Module Decomposition

Level 1	Level 2
Hardware-hiding	
Behaviour-hiding	
Software Decision	

Table 1: Module Hierarchy

6. MIS of “Module Name”

6.1 Module

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