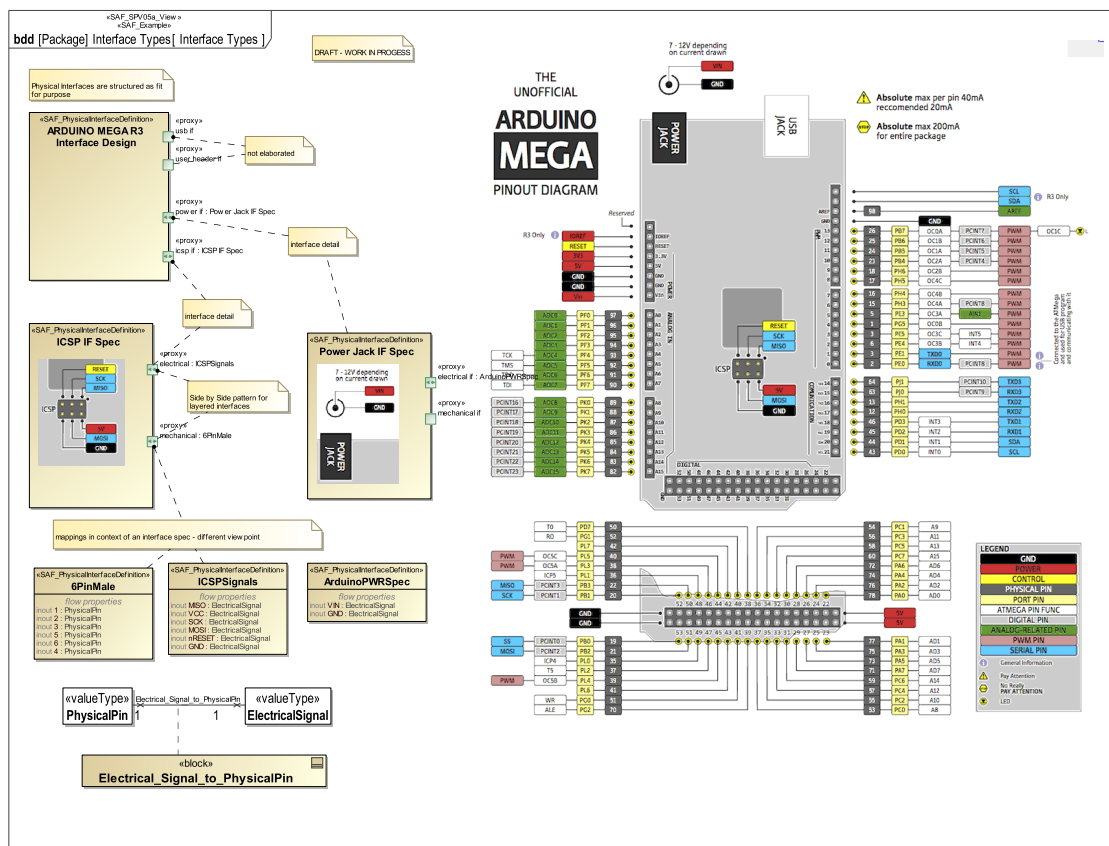




# SAF User Documentation : Physical Interface Definition Viewpoint

Domain	Aspect	Maturity
Physical	Interface	 under construction

## Example



## Purpose

preliminary text - work in progress The Physical Interface Definition Viewpoint provides definitions for physical interfaces. These definitions are may be reused on different interfaces.

## Applicability

The System Interface Definition Viewpoint supports the "Create System Design " activity included in "Design Definition Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2023 [§ 2.3.5.5] and contributes to the System Interface definition.

It also supports the "Interface Management" method of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2023 [§ 3.2.4].

## Stakeholder

---

## Concern

---

## Presentation

---

A block definition diagram (BDD) featuring Physical Interface blocks with ports, and flow properties. Note: When ports are used these shall be proxy ports and be typed by interface blocks.

A tabular format listing Physical Interface blocks, their ports, and flow properties.

## Profile Model Reference

---

The following Stereotypes / Model Elements are used in the Viewpoint:

- FlowProperty [SysML Profile]
- ProxyPort [SysML Profile]
- [SAF\\_PhysicalExchangeType](#)
- [SAF\\_PhysicalInterfaceDefinition](#)
- [SAF\\_SPV05a\\_View](#)

## Input from other Viewpoints

---

### Required Viewpoints

*none*

### Recommended Viewpoints

*none*