

## Helvellyn 2.1.0.beta.2.hotfix.1 Release Contents

### Objective

This document describes the contents of Helvellyn 2.1.0. beta.2 with the inclusion of hotfix.1 released in May 2023.

### Reason for change

Revised external release of Helvellyn 2.1.0 PDK and documentation, which includes a hot fix patch with the following major changes:

- Parasitic capacitance updated in the Calibre PEX deck
- Resistance of CONT, VIA1, VIA2, RV updated in the Calibre PEX deck

### Release contents

#### Process Design Kit (PDK)

- Initial external release

#### SPICE Models

- Initial external release

#### Design Rule Manual

- Initial external release

#### Design Guide

- Initial external release

#### PDK Installation Guide

- Initial external release

#### Calibre LVS Deck

- Patched version containing more accurate values for intentional metal capacitors with CAPID2

#### Calibre PEX Deck

- Patched version containing more accurate parasitics

### Validation

This PDK has been tested in the following environments

- Centos 7.8
- Cadence v6.1.8
- Spectre v21.1
- Calibre v2020.2

### Known issues or anticipated updates

This is a beta release for Helvellyn 2.1.0, subject to change ahead of full release. Please report any feedback to your Pragmatic technical representative.

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