



# Getting Started with C/ID API

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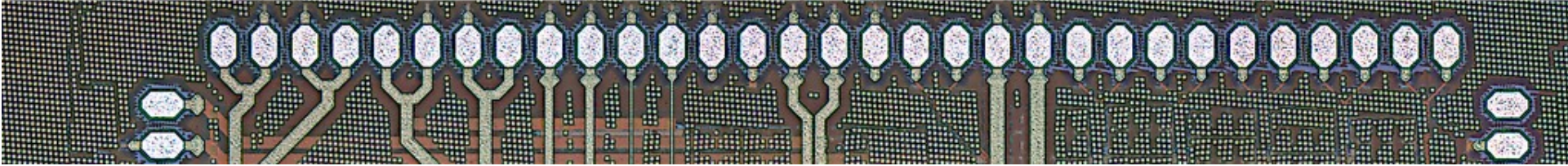
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# Installation

- 1) Create and activate a Python virtual environment
  - 1) [How To Create and Activate Python Virtual Environment](#)
- 2) Install Required libraries to virtual env.
  - Using “pip install” install the following python libraries
    - **pandas, numpy, matplotlib, scipy, math, re, collections, getpass**
- 3) Clone git repository from U of U LCAS github
  - 1) [Link to University of Utah LCAS C/Id API](#)
- 4) Ready to begin using API
  - 1) API comes installed with Open Skywater 130nm tech
  - 2) Supports multiple PDKs
    - 1) U of U can help with PDK intake for proprietary PDKs
    - 2) → Contact U of U LCAS for PDK intakes



# LCAS Employs Advance Signal Processing, Communications, and Coding For **Extreme High Performance & Energy Efficient Circuit Design**

Electrical & Computer Engineering Department , University Of Utah  
Laboratory of Integrated Circuits and Systems (LCAS)

