

# **Co-Creating Possible.**

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#### America's Foundry

### **U.S. investor owned**

Extending a legacy of manufacturing excellence to meet the industry's needs in a **post-Moore's Law reality** 





# We streamline the **concept to market journey.**

**Technology as a Service** 

Innovation as a Service

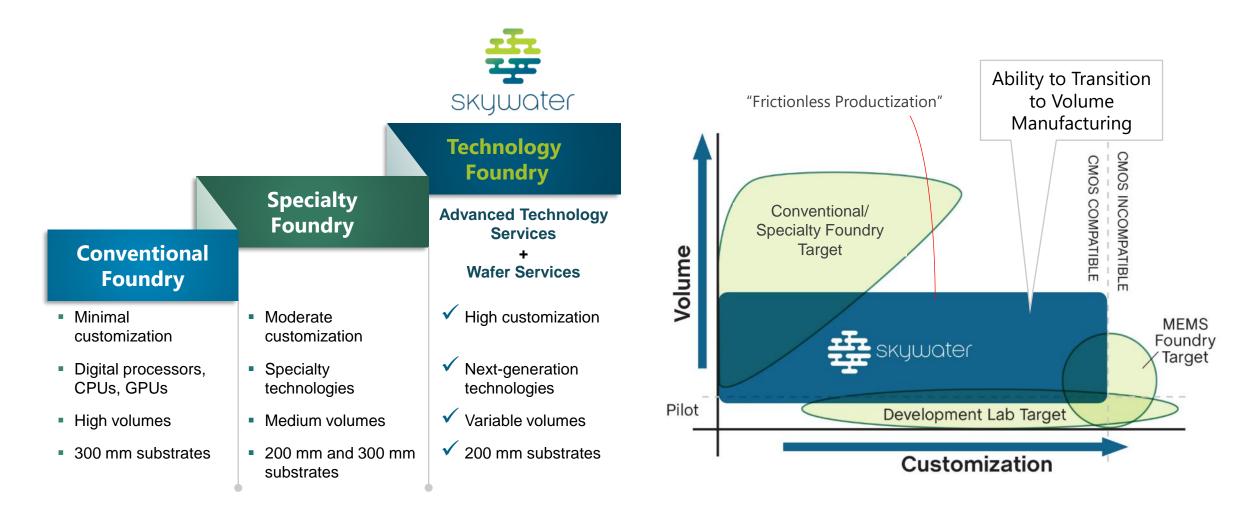


Manufacturing as a Service





#### **SkyWater is Defining a New Category**





#### **Technology Categories**



Mixed-Signal CMOS

Flexible Solutions for Commercial & Defense



Rad-Hard

Leading

Strategic Rad-

Hard Solutions

Microfluidics

Microbolometers

MEMS



Power Discrete MOSFET Differentiated Flows Support for IGBTs,

TVSs



Superconducting

Foundry service provider for quantum and supercomputing applications



**Photonics** 

Capabilities for passive photonic device integration





Carbon Nanotubes

Advanced Packaging

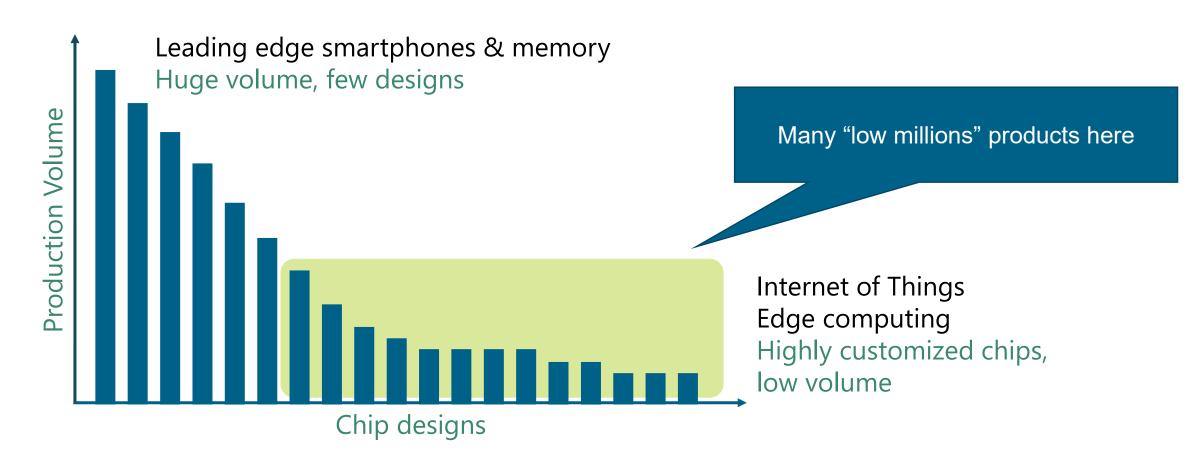
CNT enabled 3DSoC for AI and edge computing bonding, FOWLP

**Connected Devices, Sensors and Sensor Integration** 

Advanced Computing & Artificial Intelligence



#### **Enabling the "long tail"**



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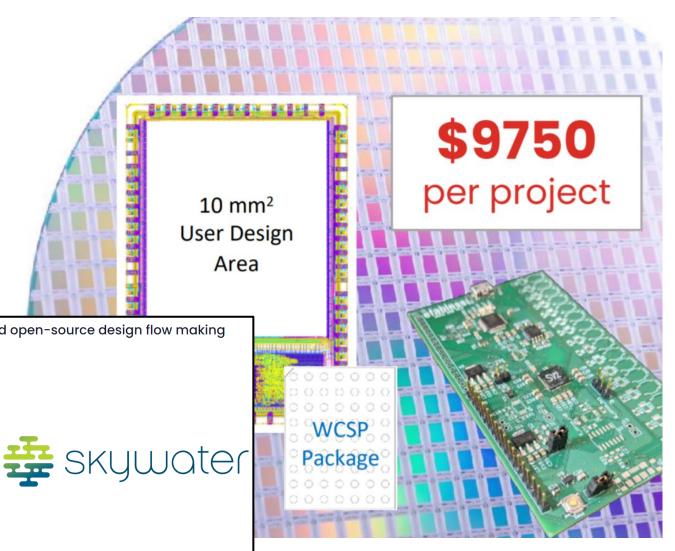
Rapid IC Creation

#### Shuttle 2110C

8 of 40 project slots reserved

chiplgnite provides you with a pre-designed carrier-chip along with automated open-source design flow making your own chip easy and affordable

- Rapid design implementation leveraging an automated digital design flow and full chip template
- Prototype and early volume fabrication for the SKY130 open PDK
- Two pricing options:
- $\circ~$  \$9,750 for 100 QFN or 300 WCSP parts
- $\circ~$  1000 parts for \$20 each
- Private shuttle -- no open-source requirement
- Guaranteed reservation with \$200 deposit



## efabless:



#### **New Frontiers Require Collaboration**

- Application discovery
- Development
  - Technology
  - o Architecture
  - Product
  - Talent/workforce



#### We want academic community engagement to help drive emerging technologies into the market



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