# **Global Wafer Capacity** 2024

Detailed chip fab analysis and capacity forecast through 2028

## Use to learn about:

- Capacity, wafer start, utilization forecasts
- IC market and capital spending trends
- Supply vs. demand projections
- Utilization rate influences on pricing
- Rankings of capacity leaders
- Capacity forecasts for DRAM, NAND, ASIC/SOC, MPU/MCU, image sensors, analog, foundry
- Regional capacity by product type, process generation, and wafer size
- Forecast for leading-edge capacity and more

## **Coverage and Methodology**

Report and database covering more than **400 chip fabs**.

Categorization and analysis of wafer capacity as it existed near end of 2023 along with annual **forecasts through 2028**.

Data compiled, summarized, and extended into the future using both **bottom-up (supply-side)** and **top-down** (**demand-side)** research and analysis methodologies.



# **Data Classifications**

Wafer Size 300mm, 200mm, ≤150mm

#### **Geographic Region/Country**

Americas, Europe, Japan, Korea, Taiwan, China, ROW

## **Product Type**

Analog, NAND, DRAM, ASIC/SOC, MPU/MCU, Image Sensor, Foundry

#### **Process Generation**

Leading edge, lagging edge, mature, large feature

### **Process Type**

CMOS, BiCMOS/BCD, Bipolar, III-V

## Who is Knometa Research?

Semiconductor technology and market analysis firm led by former IC Insights executive Trevor Yancey.

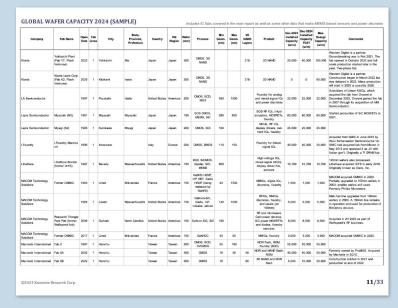
- 1997: Mr. Yancey co-founded IC Insights with Bill McClean and Brian Matas.
- 2014: Knometa established as independent contractor working for IC Insights and TechSearch International.
- 2021: Knometa took ownership of Global Wafer Capacity, a report Mr. Yancey launched in 2007 while an executive of IC Insights.

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- 300mm Wafer Fab Count, Trends & Capacity Leaders
- **Capacity by Product Type**
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- Capacity by Process Type
- Addendum I: Supplemental Slides with Trend Summaries Addendum II: Spreadsheet with Fab Facility Specifications Addendum III: Workbooks with Capacity Data for Charts



## **ORDER OPTIONS**



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#### Contents and specifications subject to change without notice. Jan. 16, 2025

# **Includes Detailed Fab Database**