

# Worldwide Semiconductor Technology Supply Chain Intelligence

AN IDC CONTINUOUS INTELLIGENCE SERVICE

IDC's *Worldwide Semiconductor Technology Supply Chain Intelligence* (STSI) is a service that enables companies to understand the changing conditions of the semiconductor market and its players. Clients receive easy-to-use, automated Excel pivot tables that allow users to analyze IDC's semiconductor market and competitive data. STSI has four components: Worldwide Market Share — 5 years of historical market share data segmented by 130+ semiconductor suppliers, 18 device types, 6 industry segments, and 5 geographic regions, annually updated; Worldwide Market Forecast — 5 years of revenue forecast, 5 years of historical data, 50+ system application segments, 6 industry segments, 23 device types, and 5 geographic regions with quarterly updates; Worldwide Market Leaders Earnings Recap — quarterly company market commentary and key performance indicators for leading semiconductor suppliers, foundries, OEMs, equipment and OSAT providers, and channel partners, when available; and Semiannual Foundry Market Update and Forecast.

## Markets and Subjects Analyzed

### Industries:

- Automotive
- Computing
- Consumer
- Industrial
- Wired infrastructure
- Wireless communication

### Device Type Groups:

- Analog
- ASIC
- ASSP
- Digital bipolar
- Discretes, sensors, and actuators

- Logic ICs
- DRAM
- NAND
- NOR
- DSPs
- MCUs
- Optoelectronics

### Regions:

- Americas
- EMEA
- Japan
- China
- APAC

## Core Research

- Quarterly Updates to IDC's Semiconductor Market Forecast, Market Leader Earnings Summary, Semiannual Foundry Market Update, and One Annual Market Share Update
- Market Forecast Update
- Market Share Update
- Market Leaders' Earnings Recap
- Foundry Update

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: [Worldwide Semiconductor Technology Supply Chain Intelligence](#).

## Key Questions Answered

1. How will the semiconductor market grow?
2. Who are the top manufacturers by device type and industry?
3. How is supply chain capacity affecting industry growth?
4. Which system applications are growing?
5. Who are my competitors, and where are they gaining share?
6. What is happening in the semiconductor foundry market?

## Companies Analyzed

IDC's *Worldwide Semiconductor Technology Supply Chain Intelligence* examines how companies are competitively positioned within the semiconductor market. Analysis includes growth performance and market positioning across device type, industry segment, geography, and system application.

Advanced Micro Devices, Alpha & Omega, Ambarella, Ams AG, Analog Devices, Apple, Bitfury, Bitmain, Bosch, Broadcom, Cambricon, Canaan Creative, Celeno Communications, Cirrus Logic, DENSO, Diodes, Ebang, Elmos, Esperanto, Etron, Fuji, Fujitsu, Gigadevice, Google, GraphCore, Himax, HiSilicon, IBM, Infineon, Intel, KIOXIA, Lumileds, MACOM, Macronix, Marvell, MediaTek, MegaChips, Microchip, Micron, Mitsubishi, Monolithic, Murata, Nanya, NICHIA, NOVATEK, NVIDIA,

NXP, ON Semiconductor, Oracle, Panasonic, Qorvo, Qualcomm, Rambus, Realtek, Renesas, Ricoh, ROHM, Samsung, Sanechips, Sanken, Seoul Semi, Semtech, Sharp, Silicon Labs, Silicon Motion, SK hynix, Skyworks, SMIC, Socionext, Sony, STMicroelectronics, Synaptics, GoodiX, TDK, Texas Instruments, Toshiba, TSMC, UMC, UNISOC, Vishay, Western Digital, Will, Winbond, and Wingtech.