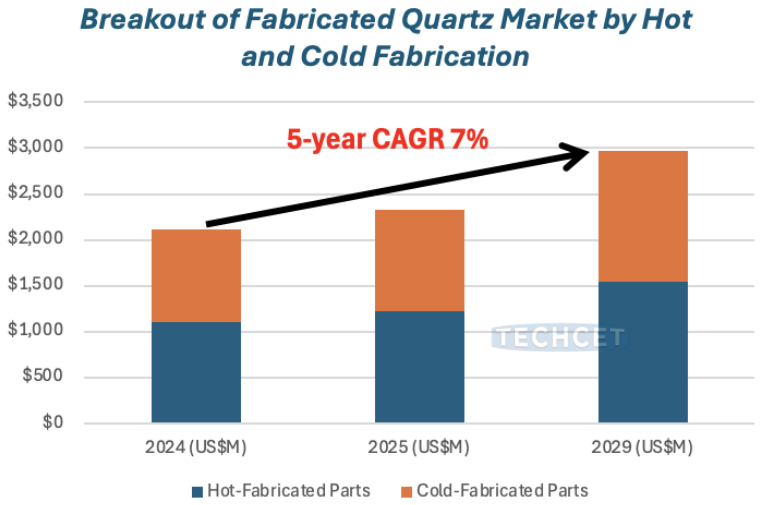
TECHCET Projects Quartz Fabricated Parts Market Shows Resilience Entering 2025

Partial 2024 recovery sets up broader growth; regional activity and pricing trends in focus

San Diego, CA, July 18, 2025 – TECHCET— the electronic materials advisory firm—reports that in 2024, the materials market reacted to partial recovery in semiconductors, which was strongly driven by revenues for advanced nodes (Logic, 3D NAND, other memory), including AI-supporting chips. This recovery was not broad-based across all tech nodes or sectors. The total effect was ~+4.5% growth in 2024.



The market outlook for Quartz Fabricated Parts for Semiconductors remains resilient, with growth expected to experience a broader recovery across semi-tech nodes and applications in 2025, with acceleration expected as 2025 progresses. The five-year CAGR from 2024–2029 is estimated at 7%. Factors such as industry recovery, fab ramp-ups, and technological advancements will drive semiconductor quartz demand.

Key Insights:

- Advanced Logic, 3D NAND, and other memory segments are playing a role in the industry's recovery. 3D NAND remains weaker than DRAM, due to the rise of HBM (high bandwidth memory), though enterprise SSDs are a positive.
- Quartz fabricated parts and the supporting sub-supply chain are recovering from the industry downturn that began in 2022.
- Regional results vary due to geopolitics and semiconductor product mix, with growing localization efforts—especially in China—as customers push for supply self-sufficiency.
- The market is supported by many players, including small regional companies. Base material suppliers are more defined but expanding—particularly in China.

- Price increases from major raw materials suppliers such as Sibelco and The Quartz Corp. have impacted downstream quartz supply chain through price increase or margin reduction, or both."

Additional insights are available in TECHCET's **Critical Materials Report™ on Quartz Fabricated Parts** and associated suppliers such as Applied Ceramics, Inc., Beijing Kaide Quartz Co., Ltd, Donghai Hongwei Quartz Products Co., Ltd., Ds Techno Co., Ltd., Ferrotec Holdings Corporation and others, or request a sample report, visit https://techcet.com/product/quartz-equipment-components/.

To meet with our Quartz Analyst, register for Fall 2025 CMC Seminar here.

ABOUT: TECHCET CA LLC is an advisory services firm expert in market analysis and business development of electronic markets and supply-chains for the semiconductor, display, solar, and LED markets. TECHCET offers consulting, reports, and the Critical Materials Council and DSS subscription services. For additional information, please email us, call +1-480-332-8336, or go to www.techcet.com