

Texas Instruments breaks ground on new 300-mm semiconductor wafer fabrication plant in Utah

TI announces plans with the Alpine School District to create the first district-wide K-12 STEM learning community in the state



LEHI, Utah, Nov. 2, 2023 /PRNewswire/ -- Texas Instruments (TI) (Nasdaq: TXN) today broke ground on its new 300-mm semiconductor wafer fabrication plant (or "fab") in Lehi, Utah. Joined by Utah Governor Spencer Cox, state and local elected officials, as well as community leaders, TI President and Chief Executive Officer Haviv Ilan celebrated the first steps toward construction of the new fab, LFAB2, which will connect to the company's existing 300-mm wafer fab in Lehi. Once completed, TI's two Utah fabs will manufacture tens of millions of analog and embedded processing chips every day at full production.

"Today we take an important step in our company's journey to expand our manufacturing footprint in Utah. This new fab is part of our long-term, 300-mm manufacturing roadmap to build the capacity our customers will need for decades to come," said Ilan. "At TI, our passion is to create a better world by making electronics more affordable through semiconductors. We are proud to be a growing member of the Utah community, and to manufacture analog and embedded processing semiconductors that are vital for nearly every type of electronic system today."

In February, [TI announced its \\$11 billion investment in Utah](#), marking the largest economic investment in state history. LFAB2 will create approximately 800 additional TI jobs as well as thousands of indirect jobs, with first production available as early as 2026.

"TI's growing manufacturing presence in Utah will be transformative for our state, creating hundreds of good-paying jobs for Utahns to manufacture critically important technology," said Utah Governor Spencer Cox. "We are proud that semiconductors – made in Utah by Utahns – will power the innovation that is foundational to our country's economic and national security."



Rendering of early plans for Texas Instruments' second 300-millimeter semiconductor wafer fab in Lehi, Utah, LFAB2.

Building stronger communities

As part of TI's commitment to education, the company will invest \$9 million dollars in the Alpine School District to develop the state's first Science, Technology, Engineering and Math (STEM) learning community for all students in kindergarten through 12th grade. The multiyear program will embed STEM concepts more deeply into coursework for the district's 85,000 students and provide STEM-oriented professional development for its teachers and administrators. The district-wide program will equip students with essential STEM skills, such as critical thinking, collaboration and creative problem-solving to succeed after graduation.

"We are excited this partnership will help our students develop essential knowledge and skills, preparing them for success in life and possible careers in the technology sector," said Alpine School District Superintendent, Dr. Shane Farnsworth. "Working together with the city of Lehi, Texas Instruments, and our schools, this collaborative investment will impact students and their families for many generations to come."

Building sustainably

TI has a long-standing commitment to responsible, sustainable manufacturing. LFAB2 will be one of the company's most environmentally efficient wafer fabs, designed to meet one of the Leadership in Energy and Environmental Design (LEED) building rating system's highest levels of structural efficiency and sustainability: LEED Gold version 4.

LFAB2 has a goal to be powered by 100% renewable electricity, and advanced 300-mm equipment and processes in Lehi will further reduce waste, water and energy consumption. In fact, LFAB2 is expected to recycle water at nearly twice the rate of TI's existing fab in Lehi.

Building the next era of semiconductor manufacturing

LFAB2 will complement TI's existing 300-mm wafer fabs, which include LFAB1 (Lehi, Utah), DMOS6 (Dallas), and RFAB1 and RFAB2 (both in Richardson, Texas). TI is also building four new 300-mm wafer fabs in Sherman, Texas (SM1, SM2, SM3 and SM4), with production from the first fab as early as 2025.

TI's manufacturing expansions, with anticipated support from the CHIPS and Science Act, will provide reliable supply of analog and embedded processing products. These investments in manufacturing and technology illustrate the company's commitment to long-term capacity planning.

Learn more about TI in Utah:

- For b-roll video, event and site photos, and an infographic, visit [TI.com/Lehi](https://www.ti.com/Lehi).
- To learn more about TI's exciting 300-mm manufacturing roadmap, visit [TI.com/manufacturing](https://www.ti.com/manufacturing).

About Texas Instruments

Texas Instruments Incorporated (Nasdaq: TXN) is a global semiconductor company that designs, manufactures, tests and sells analog and embedded processing chips for markets such as industrial, automotive, personal electronics, communications equipment and enterprise systems. Our passion to create a better world by making electronics more affordable through semiconductors is alive today, as each generation of innovation builds upon the last to make our technology smaller, more efficient, more reliable and more affordable – making it possible for semiconductors to go into electronics everywhere. We think of this as Engineering Progress. It's what we do and have been doing for decades. Learn more at [TI.com](https://www.ti.com).

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