Semiconductor Industry Investment Timeline in Chandler

1980: **Intel** begins its operations in Chandler with the first silicon wafers coming off the production line at Fab 6 in October 1980. *Intel Article Reference*

1981: **Air Products** installs nitrogen pipeline to serve semiconductor manufacturers. *News Release Reference*

1983: **Motorola** builds research and development facility in Chandler that operated from 1983 through 2008 at the site now called Continuum. *Article*

1987: **Microchip Technology** is founded after General Instrument spins off its microelectronics division. It becomes an independent company in 1989 with its headquarters in Chandler.

1994: **Motorola** begins production of 8" wafers at its MOS-12 facility on Alma School Road. In 2004, Motorola spun off its semiconductor business into Freescale, which was later acquired by NXP in 2015. The NXP Chandler Fab recently celebrated 30 years of innovation. Motorola 1994 Annual Report, *NXP 2024 News Release*

1996: **Intel** opens Fab 12 at its Ocotillo Campus for manufacturing of 200mm wafers. The company said it built the factory in record time, going from ground breaking to production in 23 months. *Intel Annual Report*

1997 **Motorola** announces $1.1 billion project to expand MOS-12 wafer fab, adding another 100,000 square feet of cleanroom space for wafer processing and testing. *Article*

1999: **Intel** announces plans to open an advanced packaging R&D center in Chandler, to be the first such facility in the U.S. The company planned to convert an existing chip assembly and test operation. *Article*

2002: **Intel** opens Fab 22, its first high-volume production manufacturing facility for 300mm wafers at its Ocotillo Campus. The company said it would invest $2 billion to build and equip the wafer fabrication facility, and that it would create 1,000 new jobs. *Intel News Release*

2006: **Intel** re-opens Fab 12 after converting it from a 200mm wafer fab to a 300mm wafer fab. The company announced the construction project would cost $2 billion. *Intel News Release*

2007: **Intel** opens Fab 32 in Chandler, its first high-volume 45nm manufacturing facility. The company reported that Fab 32 was a $3 billion investment. *Intel News Release*

2008: **Everspin Technologies** grows out of a division of Freescale Semiconductor, establishing its corporate headquarters in Chandler. The company focuses on the development of magnetoresistive random access memory (MRAM) products. *Article*

2011: **Air Products** announces it will increase production of ultra high-purity nitrogen and oxygen and expand its nitrogen pipeline serving electronics industry in Chandler. *News Release*

2015: **Rinchem** opens a new 80,000 SF chemical logistics facility in Chandler to serve the semiconductor industry and other customers in the region. *News Release*

2016: **Arm** establishes an office in Chandler. In the years since, the company has expanded its Chandler operations to 130 employees and 40,000 SF of space.

2019: **Isola Group** relocates its headquarters, R&D and manufacturing operations to a new 119,000 SF industrial facility in West Chandler. *News Release*

Advanced Circuits, a manufacturer of printed circuit boards, relocates to Chandler and invests $7 million in a new 50,000 SF facility. *Blog Post*

2020: **Intel**'s Fab 42 becomes fully operational at its Ocotillo Campus as a 10 nm production facility. Construction started in 2011, the facility was completed for 14nm production in late 2013, and it was never opened due to slow sales. In 2017, Intel announced it would invest $7 billion to complete Fab 42. *Intel News Release*

NXP announces the grand opening of its Gallium Nitride fab in Chandler, the most advanced fab dedicated to 5G RF power amplifiers in the U.S. The company invested approximately $100 million in the project. *NXP News Release*

2021: **Intel** announces plans to build two new production facilities – Fab 52 and Fab 62. The project was announced as a $20 billion investment. Intel later reported that it was investing more than $32 billion to build the two new leading-edge chip factories as well as modernize an existing fab at its Ocotillo Campus. *Intel News Release*

Advantest purchases an existing building and land in West Chandler for a phased, multi-facility project that will support up to 400 jobs.

ASML expands Chandler office to 38,000 SF and hires additional engineering positions to support region's growing semiconductor industry. *News Release*

Air Products places its newest and sixth air separator unit in Chandler onstream to supply key electronics customers with nitrogen and oxygen. *News Release*

Rinchem announces 50,000 SF, $10 million expansion to its chemical logistics facility in Chandler. *News Release*

2022: **Intel** and **Maricopa Community Colleges** partner to launch new semiconductor technician Quick Start program. *News Release*

2023: **Yield Engineering Systems** opens 123,000 SF advanced technology center to support semiconductor growth in the U.S. *News Release*

EMD Electronics opens 75,000 SF factory that provides delivery and storage of specialty chemicals and gases for the semiconductor industry. *News Release*

Edwards opens 200,000 SF facility providing vacuum and abatement services for the semiconductor industry. *News Release*

Cirrus Logic, supplier of low-power integrated circuits for audio and voice signal processing applications, opens a 66,000 SF office in Chandler focused on R&D.

2024: **Air Products** installs new 16" nitrogen pipeline to Intel's campus on Chandler Blvd.

Saras Micro Devices, a provider of power performance solutions, opens new headquarters and manufacturing center of excellence in Chandler. *News Release*

Chandler Unified School District and **University of Arizona** partner to launch new two-year semiconductor manufacturing career and technical education program. *News Release*

Intel announces launch of first U.S. apprenticeship program for manufacturing facility technicians. *Intel News Release*

Intel is awarded up to $3 billion in direct funding under the CHIPS and Science Act for the Secure Enclave program, administered by the U.S. Department of Defense to strengthen defense and national security systems. *Intel News Release*

Intel and U.S. Department of Commerce finalize terms on another $7.86 billion in direct federal funding under the CHIPS and Science Act. *Intel News Release*

2025:

Appiled Materials has purchased a 182,000 square feet industrial building with plans to make a significant capital investment in building improvements and equipment purchases to turn it into an advanced manufacturing and R&D facility. *Applied Materials News Release*

Brewers Science, a global leader in developing and manufacturing next-generation materials and processes for the microelectronics and optoelectronics industries, opened the Brewer Science Arizona Innovation Center (office & lab). *News Release*