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executives taiwan semiconductor manufacturing company limited

May 04 2024

dr michael wu is vice president of technology development under research and development r d at taiwan semiconductor manufacturing co ltd tsmc he is currently responsible for 3nm technology development and is also in charge of tsmc s technology development effectiveness office

tsmc expands advanced technology leadership with n4p process

Apr 03 2024

as the third major enhancement of tsmc s 5nm family n4p will deliver an 11 performance boost over the original n5 technology and a 6 boost over n4 compared to n5 n4p will also deliver a 22 improvement in power efficiency as well as a 6 improvement in transistor density

tsmc chairman mark liu says company will keep its roots in

Mar 02 2024

as befits a company obsessed with protecting its hard won technological lead tsmc s offices feel more like a secret government research facility than a silicon valley campus we have a pretty

an innovation pioneer tsmc

Feb 01 2024

technology leadership continuous investment in advanced technology development to maintain tsmc s technology leadership in the semiconductor industry maintain tsmc s technology leadership and invest 8 5 of revenue r d expenses annually

tsmc 2022 business overview

Dec 31 2023

be a technology leader competitive with the leading idms be the manufacturing leader be the most reputable service oriented and maximum total benefits silicon foundry mission our mission is to be the trusted technology and capacity provider of the global logic ic industry for years to come core values

innovation management innovation and service tsmc

Nov 29 2023

microsoft power bi for more information please read tsmc 2019 corporate responsibility report innovation and service innovation management read full article

tsmc recognized with 2021 iee corporate innovation award

Oct 29 2023

the 2021 corporate innovation award highlights tsmc s technology leadership along with its open innovation platform which have enabled many revolutionary products in 5g mobile and energy efficient high performance computing that have brought fundamental changes to the way we live and work

future r d plans taiwan semiconductor manufacturing tsmc

Sep 27 2023

tsmc maintains and strengthens its technology leadership by investing heavily in research and development the company s 3nm and 2nm advanced cmos logic nodes continue progressing through the development pipeline

explore current semiconductor jobs careers tsmc

Aug 27 2023

process engineer a process engineer minimizes process variations and excursions in product learn more equipment engineer an equipment engineer is the doctor of equipments who is in charge of maintenance learn more intelligent manufacturing engineer is a leader of production line who leads technicians to run the learn more

technology leadership operational highlights 2014 annual

Jul 26 2023

lithography the focus of tsmc s r d efforts in lithography is 10nm development this technology requires special resolution enhancement techniques to enable immersion tools to image geometries beyond 16nm

tsmc celebrates 30th north america technology symposium with

Jun 24 2023

wendell huang senior vice president chief financial officer tel 886 3 5055901 tsmc deputy spokesperson

technology leadership operational highlights 2013 annual

May 24 2023

the r d organization continues to strengthen the pipeline of technology innovations that are required to maintain technology leadership the 10nm technology advanced development was completed and entered full development while the 7nm technology is in the early development stage

specialty technology taiwan semiconductor manufacturing

Apr 22 2023

tsmc provides an industry leading specialty technologies portfolio that complements its advanced technology leadership the company s comprehensive specialty technologies meet specific customer needs and include mems cmos image sensor embedded nvm rf analog high voltage and bcd power processes and so on

tsmc 2022 annual report website

Mar 22 2023

supported by our strong technology leadership and differentiation we delivered a thirteenth consecutive year of record revenue with strong profitable growth our 2022 annual revenue increased 33.5 year over year in u.s. dollar terms while our eps rose to nt\$39.20 nearly tripling over the past three years read more about tsmc

innovation management esg tsmc.com

Feb 18 2023

continuous investment in advanced technology development to maintain tsmc s technology leadership in the semiconductor industry protect intellectual property

unleash innovation taiwan semiconductor manufacturing

Jan 20 2023

to maintain and strengthen tsmc s technology leadership the company plans to continue investing heavily in r&d for advanced cmos logic the company s 5nm and 3nm cmos nodes continue progressing in the pipeline learn more technology is one of tsmc s cornerstones

intel vs tsmc process technology leadership is more than

Dec 19 2022

much of tsmc s nyse tsm growth comes from advanced process technology nodes which serve to follow moore s law they deliver up to a 2x improvement in transistor density per generation

tsmc s new chairman affirms hopes of ai fueled 2024 recovery

Nov 17 2022

2:12 taiwan semiconductor manufacturing co s c c wei who on tuesday became the first person to hold the dual roles of chairman and chief executive officer in years reaffirmed expectations

tsmc optimistic as it rides ai wave taipei times

Oct 17 2022

tsmc has overtaken intel corp in offering the world s most advanced foundry technology since 2018 when it rolled out 7 nanometer process technology since then the taiwanese company has safeguarded its technology leadership position the chipmaker plans to start mass production of 2 nanometer chips next year ahead of its competitors

tsmc starts volume production of most advanced chips in

Sep 15 2022

tainan taiwan dec 29 reuters chipmaker taiwan semiconductor manufacturing company ltd tsmc 2330 tw began mass production of its most advanced chips in southern taiwan on thursday and

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