

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.
Petitioner,

v.

ADVANCED INTEGRATED CIRCUIT PROCESS LLC,
Patent Owner.

IPR2025-01305
U.S. Patent No. 8,329,572

PETITIONER'S UPDATED EXHIBIT LIST

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EX1008- EX1010	Reserved
EX1011	Chang <i>et al.</i> , “ULSI Technology,” (1996)
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EX1014	K. Kamoshida, <i>et al.</i> , “Self-aligned TiN Formation by Nz Plasma Bias Treatment of TiSi, Deposited by Selective Chemical Vapor Deposition” <i>36 Jpn. J. Appl. Phys.</i> (1997)
EX1015	T. Ohba, “Advanced multilevel metallization technology” 1995 Applied Surface Science 91 (1995)
EX1016	L. E. Griffiths, “Low temperature electrochemical synthesis of titanium nitride,” <i>2001 The Royal Society of Chemistry</i> (2001)

EX1017	J.S. Colligon, “Composition and chemical state of titanium nitride films obtained by different methods” <i>1994 Elsevier Science S.A.</i> (1994)
EX1018	H. Hamamura, “Composition and chemical state of titanium nitride films obtained by different methods,” <i>2001 The Japan Society of Applied Physics</i> (2001)
EX1019	S.M. Sze, <i>et al.</i> , Semiconductor Devices: Physics and Technology, (2nd ed. 2002)
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EX1049	Jeremy Bowman, Nasdaq, This 1 Number May Ensure TSMC’s Market Dominance, The Motley Fool (Aug. 17, 2024) (last visited

	October 22, 2025), available at https://www.nasdaq.com/articles/1-number-may-ensure-tsmcs-market-dominance
EX1050	CNBC Transcript: United States Commerce Secretary Howard Lutnick Speaks with CNBC’s Brian Sullivan on “The Exchange” Today, CNBC (Apr. 29, 2025) (last visited October 22, 2025), available at https://www.cnbc.com/2025/04/29/cnbc-transcript-united-states-commerce-secretary-howard-lutnick-speaks-with-cnbc-brian-sullivan-on-the-exchange-today.html
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EX1053	Speech: Donald Trump Addresses an Republican Dinner in Washington - April 8, 2025, available at https://rollcall.com/factbase/trump/transcript/donald-trump-speech-nrcc-republican-dinner-april-8-2025/#161
EX1054	Microchip USA, How Military Tensions Are Driving the Next Semiconductor Chip Race (July 16, 2025) (last visited Aug. 12, 2025), available at https://www.microchipusa.com/industry-news/how-military-tensions-are-driving-the-next-semiconductor-chip-race?srltid=AfmBOopQdXXTBoOgl_bluj9BHhwBFREsja-0SrRhCUKPHwTIW98FCBKI
EX1055	Another Historic Investment Secured Under President Trump, Articles, The White House (Mar. 3, 2025) (last visited July 14, 2025), available at https://www.whitehouse.gov/articles/2025/03/another-historic-investment-secured-under-president-trump/
EX1056	Sujai Shivakumar and Charles Wessner, Semiconductors and National Defense: What Are the Stakes?, Center for Strategic International Studies (June 8, 2022) (last visited July 14, 2025), available at https://www.csis.org/analysis/semiconductors-and-national-defense-what-are-stakes
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	Partnership, Final Report, Project 2049 Institute (US-Taiwan Business Counsel June 21, 2023)
EX1058	Eric Lee, How Taiwan Underwrites the US Defense Industrial Complex, The Diplomat (Nov. 9, 2021) (last visited July 14, 2025), available at https://thediplomat.com/2021/11/how-taiwan-underwrites-the-us-defense-industrial-complex/
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EX1061	Xilinx, 7-Series Defense-Grade FPGAs: All Programmable Defense-Grade Devices with High Performance, Low Power, and 4 th Generation Security (2016) (last visited Oct. 22, 2025), available at https://www.amd.com/content/dam/amd/en/documents/products/adaptive-socs-and-fpgas/fpga/7-series/7-series-defense-grade-fpgas-product-brief.pdf
EX1062	Bruce Fienberg, Xilinx Ships First Artix-7 FPGAs – Raising the Performance Bar for Portable and Small Form Factor Applications at the ‘Edge’ (July 17, 2012) (last visited Oct. 22, 2025), available at https://www.prnewswire.com/news-releases/xilinx-ships-first-artix-7-fpgas---raising-the-performance-bar-for-portable-and-small-form-factor-applications-at-the-edge-162697436.html
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EX1074	Winning the Race America’s AI Action Plan, July 2025
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EX1076	TSMC Expands Collaboration with Ansys by Integrating AI Technology to Accelerate 3-D Design, https://investors.ansys.com/news-releases/news-release-details/tsmc-expands-collaboration-ansys-integrating-ai-technology
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EX1078	Yahoo Finance, Silent Giant TSMC Returns to the Peak of it Power as the AI Boom Continues, https://finance.yahoo.com/news/silent-giant-tsmc-returns-peak-230300515.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xlLmNvbS8&guce_referrer_sig=AQAAAGbNeBi6fbz4U1LAPZACoSOpXFKhZ2d8Aeym1OTBUscShGSwm5cDQL_KDbidYk16TkPx7YtlzsB2YbOGGeGdO4PchwSBFYrk3fTg3HWr-MVsPIL1q7mWa7ZR5e6BG0tbKASjEzPE-8r-aiT0KakQ2cXTjpdVs4xTGUvCoXUGlVbDT
EX1079	He, In the Global AI Chips Race, China Is Playing Catch-Up, Sept. 18, 2024
EX1080	Grantieshares, Decoding TSMC's Contribution to the AI and 5G Ecosystem, Nov. 20, 2024
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Respectfully Submitted,

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CERTIFICATE OF SERVICE

The undersigned hereby certifies, in accordance with 37 C.F.R. § 42.205, that the foregoing **Petitioner's Updated Exhibit List** was served on October 28, 2025, via e-mail directed to counsel of record for Patent Owner at the following:

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