Paper No. 10

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.,

Petitioner,

v.

NETLIST, INC.,

Patent Owner

PGR2025-00071
Patent 12,308,087

PETITIONER'S UPDATED EXHIBIT LIST

EXHIBIT LIST

Exhibit #	Description
1001	U.S. Patent No. 12,308,087
1002	File History of U.S. Patent No. 12,308,087 (Application No. 17/694,649), *available at* <https://patentcenter.uspto.gov/applications/17694649/ifw/docs?application=>
1003	Declaration of Dr. Andrew Wolfe
1004	Curriculum Vitae of Dr. Andrew Wolfe
1005	File History of U.S. Provisional Application No. 61/409,893 (filed Nov. 3, 2010)
1006	File History of U.S. Patent Application No. 14/337,168 (filed July 21, 2014)
1007	File History of U.S. Patent Application No. 15/095,288 (filed Apr. 11, 2016)
1008	File History of U.S. Patent Application No. 15/602,099 (filed May 22, 2017)
1009	File History of U.S. Patent Application No. 16/412,308 (filed May 14, 2019)
1010	File History of U.S. Patent Application No. 17/157,903 (filed Jan. 25, 2021)
1011	U.S. Patent Application Publication No. 2008/0025137 to Rajan *et al.* (published Jan. 31, 2008)
1012	U.S. Patent Application Publication No. 2011/0193226 to Kirby *et al.* (filed Feb. 8, 2010, published Aug. 11, 2011)
1013	U.S. Patent Application Publication No. 2006/0259678 to Gervasi (published Nov. 16, 2006)
1014	U.S. Patent Application Publication No. 2011/0103156 to Kim *et al.* (filed Dec. 29, 2009, published May 5, 2011)
1015	U.S. Patent No. 8,041,881 to Rajan *et al.* (filed June 12, 2007, issued Oct. 18, 2011)
1016	U.S. Patent Application Publication No. 2011/0026293 to Riho (filed July 16, 2010, published Feb. 3, 2011)

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1017	U.S. Patent No. 7,969,192 to Wyman *et al.* (filed Mar. 26, 2010, issued June 28, 2011)
1018	U.S. Patent Application Publication No. 2010/0195364 to Riho (published Aug. 5, 2010) ("Riho2")
1019	JEDEC DDR3 SDRAM Standard, JESD79-3C (Nov. 2008)
1020	Declaration of Julie Carlson for JESD79-3C
1021	JEDEC MO-207, Square & Rectangular Die-Size, Ball Grid Array Family (Dec. 2010)
1022	Bruce Jacob et al., Memory Systems: Cache, DRAM, Disk (2008)
1023	Bruce Jacob, *Synchronous DRAM Architectures, Organizations, and Alternative Technologies* (Dec. 10, 2002)
1024	U.S. Patent No. 7,796,446 to Ruckerbauer *et al.* (issued Sept. 14, 2010)
1025	U.S. Patent No. 8,258,619 to Foster *et al.* (filed Nov. 12, 2009)
1026	U.S. Patent Application Publication No. 2006/0277355 to Ellsberry *et al.* (published Dec. 7, 2006)
1027	*SK hynix Inc. et al. v. Netlist, Inc.*, IPR2018-00362, Paper No. 29 (PTAB June 27, 2019) (Final Written Decision)
1028	U.S. Patent No. 7,289,386 to Bhakta *et al.* (issued Oct. 30, 2007)
1029	Affirmance of the Examiner's Decision on Reexamination of the '386 Patent (Feb. 25, 2015)
1030	Stephen Brown et al., *Fundamentals of Digital Logic* (2d ed. 2008)
1031	U.S. Patent No. 7,532,537 to Solomon *et al.* (issued May 12, 2009)
1032	*SK hynix Inc. et al. v. Netlist, Inc.*, IPR2017-00667, Paper No. 38 (PTAB July 18, 2018) (Final Written Decision for 537 Patent)
1033	*SK hynix Inc. et al. v. Netlist, Inc.*, IPR2017-00668, Paper No. 36 (PTAB July 18, 2018) (Final Written Decision for 537 Patent)
1034	U.S. Patent No. 8,471,362 to Lee (filed Apr. 5, 2011)

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1035	JEDEC Graphics Double Data (GDDR4) SGRAM Specification (Nov. 2005), *available at* <https://web.archive.org/web/20090421000459/http://www.jedec.org/Catalog/display.cfm>, <https://web.archive.org/web/20081031052145/http://www.jedec.org/download/search/3_11_05_08R16A.pdf>
1036	JEDEC Graphics Double Data (GDDR3) Specific SGRAM Functions (May 2005), *available at* <https://web.archive.org/web/20090421000459/http://www.jedec.org/Catalog/display.cfm>, <https://www.jedec.org/standards-documents/docs/sdram-3110507>
1037	U.S. Patent No. 7,890,811 to Rothman *et al.* (filed June 29, 2007, issued Feb. 15, 2011)
1038	Harold S. Stone, Microcomputer Interfacing (1982)
1039	U.S. Patent No. 9,160,349 to Ma (filed Aug. 27, 2009)
1040	GDDR5 SGRAM 1Gb (32Mx32) datasheet (Nov. 2009), *available at* <https://web.archive.org/web/20101228025544/http://hynix.com/datasheet/eng/graphics/details/graphics_26_H5GQ1H24AFR.jsp?menu1=01&menu2=04&menu3=05&menuNo=1&m=3&s=4&RK=26>, <https://web.archive.org/web/20101125165921/http://hynix.com/inc/pdfDownload.jsp?path=/datasheet/pdf/graphics/H5GQ1H24AFR(Rev1.0).pdf>
1041	U.S. Patent No. 8,120,958 to Bigler *et al.* (filed Dec. 24, 2007)
1042	Transcript of deposition of Andrew Wolfe, Ph.D. (June 27–28, 2023) (EX2025 in IPR2022-01427 and -01428)
1043	U.S. Patent No. 8,593,899 to Ide (filed Feb. 28, 2011, issued Nov. 26, 2013)
1044	Amended Complaint in *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:21-cv-00463 (E.D. Tex. filed May 3, 2022)
1045	U.S. Patent No. 8,244,971 to Rajan *et al.* (filed Oct. 30, 2007, issued Aug. 14, 2012)
1046	Complaint in *Netlist, Inc. v. Micron Technology, Inc. et al.*, No. 2:22-cv-00203 (E.D. Tex. filed June 10, 2022)
1047	U.S. Patent No. 9,123,552 to Keeth *et al.* (filed Mar. 30, 2010, issued Sept. 1, 2015)

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1048	U.S. Patent No. 9,665,507 to Shaeffer *et al.* (provisional filed July 22, 2010, nonprovisional filed May 11, 2011, issued May 30, 2017)
1049	Provisional Application No. 61/366,806 (filed July 22, 2010) to U.S. Patent No. 9,665,507 to Shaeffer *et al.*, *available at* <https://patentcenter.uspto.gov/applications/61366806/ifw/docs?application=>
1050	Application No. 13/105,798 (filed May 11, 2011) to U.S. Patent No. 9,665,507 to Shaeffer *et al.*, *available at* <https://patentcenter.uspto.gov/applications/13105798/ifw/docs?application=>
1051	U.S. Patent No. 7,664,216 to Schnarr (issued Feb. 16, 2010)
1052	Transcript of deposition of Michael C. Brogioli, Ph.D. (Sept. 27–28, 2023) in IPR2022-01427 and -01428
1053	U.S. Patent No. 8,243,486 to Riho (filed Feb. 1, 2010, published Aug. 5, 2010 [EX1018], issued Aug. 14, 2012) ("Riho2")
1054	Netlist's Technology Tutorial
1055	JEDEC JESD79 Standard for Double Data Rate (DDR) SDRAM (June 2000)
1056	Loi *et al.*, *An efficient distributed memory interface for many-core platform with 3D stacked DRAM*, Design, Automation & Test in Europe Conference & Exhibition (2010), *available at* <https://ieeexplore.ieee.org/document/5457230>
1057	U.S. Patent No. 7,286,436 to Bhakta et al. (filed March 7, 2005)
1058	U.S. Patent No. 7,619,912 to Bhakta et al. (effectively filed July 1, 2005)
1059	U. Kang *et al.*, *8 Gb 3-D DDR3 DRAM Using Through-Silicon-Via Technology*, IEEE Journal of Solid-State Circuits (Jan. 2010), *available at* <https://ieeexplore.ieee.org/document/5357550>
1060	U.S. Patent Application Publication No. 2010/0110748 A1 to Best (filed Apr. 17, 2008)
1061	Final Written Decision, *Micron Technology, Inc. et al. v. Netlist, Inc.*, IPR2022-00418, Paper 30 (PTAB Aug. 28, 2023) (U.S. Patent No. 8,301,833)
1062	U.S. Patent No. 7,024,518 to Halbert *et al.* (issued Apr. 4, 2006)

Exhibit #	Description
1063	Dictionary definition for “electrical”
1064	Dictionary definition for “communication”
1065	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00639, Paper 45 (PTAB Oct. 18, 2023)
1066	Claim Construction Order, *Netlist, Inc. v. Micron Technology, Inc. et al.*, No. 2:22-cv-00203, ECF No. 249 (E.D. Tex. Oct. 22, 2023)
1067	Petitioner’s Demonstratives for Oral Argument on January 11, 2024
1068	Claim Construction Order, *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:21-cv-00463, ECF No. 114 (E.D. Tex. Dec. 14, 2022) (EX2004 in IPR2022-01427 and -01428)
1069	U.S. Patent No. 8,787,060 (issued July 22, 2014)
1070	File History of U.S. Patent No. 8,787,060 (Application No. 13/288,850 filed Nov. 3, 2011)
1071	U.S. Patent No. 9,318,160 (issued Apr. 19, 2016)
1072	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-01428, Paper 48 (PTAB Apr. 1, 2024) (U.S. Patent No. 8,787,060)
1073	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-01427, Paper 48 (PTAB Apr. 1, 2024) (U.S. Patent No. 9,318,160)
1074	Order Denying Director Review, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-01427 and -01428, Paper 52 (PTAB June 17, 2024)
1075	Notice of Docketing, *Netlist, Inc. v. Samsung Electronics Co., Ltd.*, No. 2024-2241 (Fed. Cir. Aug. 20, 2024) (appeal from IPR2022-01428 of U.S. Patent No. 8,787,060)
1076	Notice of Docketing, *Netlist, Inc. v. Samsung Electronics Co., Ltd.*, No. 2024-2240 (Fed. Cir. Aug. 20, 2024) (appeal from IPR2022-01427 of U.S. Patent No. 9,318,160)
1077	Samsung’s Principal Brief, *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2024-2203 (Fed. Cir. Dec. 16, 2024)
1078	Netlist’s Responsive Brief, *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2024-2203 (Fed. Cir. Mar. 28, 2025)

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1079	Samsung's Reply Brief, *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2024-2203 (Fed. Cir. May 19, 2025)
1080	U.S. Patent No. 7,545,663 to Ikeda *et al.* (issued June 9, 2009)
1081	Micron datasheet for 2Gb: x16, x32 Mobile LPDDR SDRAM (Nov. 2010), *available at* <https://web.archive.org/web/20101225095025/http://www.micron.com/products/ProductDetails.html?product=products/dram/mobile_lpdram/MT46H128M16LFCK-5+IT>
1082	JEDEC Ballot for 3D Stacked DDR3 SDRAM Addressing, Item No. 1655.10 (Sept. 2010)
1083	Complaint in *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:25-cv-00553 (E.D. Tex. filed May 19, 2025) (U.S. Patent No. 12,308,087)
1084	Complaint in *Netlist, Inc. v. Micron Technology, Inc. et al.*, No. 2:25-cv-00552 (E.D. Tex. filed May 19, 2025) (U.S. Patent No. 12,308,087)
1085	Complaint in *Samsung Electronics Co., Ltd. et al. v. Netlist, Inc.*, No. 1:25-cv-00626 (D. Del. filed May 20, 2025) (U.S. Patent No. 12,308,087)
1086	Complaint in *Micron Technology, Inc. et al. v. Netlist, Inc.*, No. 1:25-cv-00626 (D. Del. filed May 20, 2025) (U.S. Patent No. 12,308,087)
1087	Complaint in *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:25-cv-00557 (E.D. Tex. filed May 20, 2025) (U.S. Patent No. 12,308,087)
1088	Complaint in *Netlist, Inc. v. Micron Technology, Inc. et al.*, No. 2:25-cv-00558 (E.D. Tex. filed May 20, 2025) (U.S. Patent No. 12,308,087)
1089	Netlist's infringement contentions against Samsung in *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:25-cv-00557 (E.D. Tex. July 16, 2025) (U.S. Patent No. 12,308,087)
1090	[omitted]
1091	Declaration of Dr. Andrew Wolfe in IPR2022-01427 (EX1003 in IPR2022-01427)
1092	Declaration of Dr. Andrew Wolfe in IPR2022-01428 (EX1003 in IPR2022-01428)

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1093	Invalidity claim chart by Dr. Andrew Wolfe
1094 [NEW]	Netlist Form 10-K (Annual Report) for 2023, *available at* <https://investors.netlist.com/filings-financials/sec-filings>.
1095 [NEW]	Netlist Form 10-K (Annual Report) for 2024, *available at* <https://investors.netlist.com/filings-financials/sec-filings>.
1096 [NEW]	Netlist Form 10-Q (Quarterly Report) through September 2025, *available at* <https://investors.netlist.com/filings-financials/sec-filings>.
1097 [NEW]	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00999, Paper 51 (PTAB Dec. 5, 2023) (U.S. Patent No. 11,232,054)
1098 [NEW]	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00996, Paper 49 (PTAB Dec. 6, 2023) (U.S. Patent No. 11,016,918)
1099 [NEW]	Order Denying Director Review, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00996 and -00999, Papers 53 & 56 (PTAB Mar. 18, 2024) (U.S. Patent Nos. 11,016,918 and 11,232,054)
1100 [NEW]	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00615, Paper 96 (PTAB Apr. 17, 2024) (U.S. Patent No. 7,619,912)
1101 [NEW]	Order Denying Director Review, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2022-00615, Paper 103 (PTAB July 10, 2024) (U.S. Patent No. 7,619,912)
1102 [NEW]	Final Written Decision, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2023-00454, Paper 45 (PTAB July 30, 2024) (U.S. Patent No. 11,093,417)
1103 [NEW]	Order Denying Director Review, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, IPR2023-00454, Paper 47 (PTAB Oct. 8, 2024) (U.S. Patent No. 11,093,417)
1104 [NEW]	Notice of Oral Argument on December 5, 2025, *Samsung Electronics Co., Ltd. v. Netlist, Inc.*, No. 2025-1378 (Fed. Cir. Oct. 21, 2025) (IPR2023-00847 of U.S. Patent No. 10,268,608)
1105 [NEW]	Order Granting Motion to Stay, *Samsung Electronics Co., Ltd. et al. v. Netlist, Inc.*, No. 1:21-cv-01453 (D. Del. Dec. 1, 2023) (U.S. Patent No. 10,217,523)

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1106 [NEW]	Samsung's Motion to Dismiss for Improper Venue, *Netlist, Inc. v. Samsung Electronics Co., Ltd. et al.*, No. 2:25-cv-00557 (E.D. Tex. Nov. 24, 2025) (U.S. Patent No. 12,308,087)
1107 [NEW]	Micron's Motion to Dismiss for Improper Venue, *Netlist, Inc. v. Micron Technology, Inc. et al.*, No. 2:25-cv-00558 (E.D. Tex. July 22, 2025) (U.S. Patent No. 12,308,087)
1108 [NEW]	U.S. District Courts–Combined Civil and Criminal Federal Court Management Statistics (March 31, 2025), *available at* <https://www.uscourts.gov/data-news/data-tables/2025/03/31/federal-court-management-statistics/n-a-1>
1109 [NEW]	ITC, Notice of Receipt of Complaint, 90 Fed. Reg. 51,406 (Nov. 17, 2025), *available at* <https://www.federalregister.gov/documents/2025/11/17/2025-19973/notice-of-receipt-of-complaint-solicitation-of-comments-relating-to-the-public-interest>
1110 [NEW]	ITC, Tolling of Deadlines (Nov. 14, 2025), *available at* <https://www.usitc.gov/press_room/2025_lapse_of_appropriations>
1111 [NEW]	Section 337 Statistics: Average Length of Investigations (Apr. 11, 2025), *available at* <https://www.usitc.gov/intellectual_property/337_statistics_average_length_investigations.htm>
1112 [NEW]	Memorandum re: Director Institution of AIA Trial Proceedings (Oct. 17, 2025), *available at* <https://www.uspto.gov/subscription-center/2025/director-institution-aia-trial-proceedings>
1113 [NEW]	Memorandum re: Interim Processes for PTAB Workload Management (Mar. 26, 2025), *available at* <https://www.uspto.gov/subscription-center/2025/uspto-issues-new-interim-process-concerning-institution-aia-proceedings>
1114 [NEW]	Memorandum re: Final Written Decision Procedures for AIA Trial Proceedings (July 29, 2025), *available at* <https://www.uspto.gov/subscription-center/2025/ptab-issued-memorandum-aia-trials>
1115 [NEW]	Samsung Semiconductor, About Us, *available at* <https://semiconductor.samsung.com/about-us/locations/us/>

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1116 [NEW]	Samsung Semiconductor, Inc., Articles of Incorporation in California (July 13, 1992), *available at* <https://bizfileonline.sos.ca.gov/search/business>
1117 [NEW]	Samsung Semiconductor, Inc., California Statement of Information (Apr. 15, 2025), *available at* <https://bizfileonline.sos.ca.gov/search/business>
1118 [NEW]	CNN, *What is high bandwidth memory and why is the US trying to block China's access to it?* (Dec. 8, 2024), *available at* <https://www.cnn.com/2024/12/08/tech/us-china-hbm-chips-hnk-intl>
1119 [NEW]	CPC Classification G06F (Electrical Digital Data Processing), *available at* <https://www.uspto.gov/web/patents/classification/cpc/html/cpc-G06F.html>
1120 [NEW]	CPC Classification G11C (Static Stores), *available at* <https://www.uspto.gov/web/patents/classification/cpc/html/cpc-G11C.html>
1121 [NEW]	CPC Classification H01L (Semiconductor Devices Not Covered by Class H10), *available at* <https://www.uspto.gov/web/patents/classification/cpc/html/cpc-H01L.html>
1122 [NEW]	PatentBots, Statistics for Examiner Hoang (Art Unit 2827), *available at* <https://www.patentbots.com/stats/examiner/2827-HOANG-HUAN>
1123 [NEW]	Memorandum re: Guidance on USPTO's recission of "Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings with Parallel District Court Litigation" (Mar. 24, 2025), *available at* <https://www.uspto.gov/patents/ptab/resources>

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), I certify that on this 4th day of December, 2025, **Petitioner's Updated Exhibit List** and **Exhibits 1094–1123** were served by email on the following counsel for Patent Owner:

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