

**IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
MARSHALL DIVISION**

NETLIST, INC.)
)
Plaintiff,)
)
v.)
)
MICRON TECHNOLOGY, INC.,) **JURY TRIAL DEMANDED**
MICRON SEMICONDUCTOR)
PRODUCTS, INC., MICRON)
TECHNOLOGY TEXAS LLC,)
Defendants.)
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)

COMPLAINT

1. Plaintiff Netlist, Inc. (“Netlist”), by its undersigned counsel, for its Complaint against defendants Micron Technology Inc. (“Micron Technology”), Micron Semiconductor Products, Inc. (“Micron Semiconductor”), and Micron Technology Texas, LLC (“Micron Texas”) (collectively, “Micron” or “Defendants”), states as follows, with knowledge as to its own acts, and on information and belief as to the acts of others:

2. This action involves six of Netlist’s patents: U.S. Patent Nos. 10,860,506 (the “506 Patent,” Ex. 1), 10,949,339 (the “339 Patent,” Ex. 2), 11,016,918 (the “918 Patent,” Ex. 3), 11,232,054 (the “054 Patent,” Ex. 4), 8,787,060 (the “060 Patent,” Ex. 5), and 9,318,160 (the “160 Patent,” Ex. 6) (collectively, the “Patents-in-Suit”).



I. THE PARTIES

3. Plaintiff Netlist is a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 111 Academy Drive, Suite 100, Irvine, CA 92617.

4. On information and belief, Micron makes dynamic random-access memory (“DRAM”), NAND Flash, and NOR Flash memory, and other memory products in semiconductor fabrication plants in the United States and other countries throughout the world. On information and belief, Micron sells its products to customers, including customers in this District, in the computer, networking and storage, consumer electronics, solid-state drives and mobile telecommunications markets.

5. On information and belief, Micron Technology is a corporation organized and existing under the laws of Delaware. On information and belief, Micron Technology has a regular and established place of business at 805 Central Expressway South, Suite 100, Allen, Texas 75013. On information and belief, Micron Technology is registered to do business in the State of Texas, and can be served through its registered agent, The Corporation Service Company, 211 E. 7th Street, Suite 620, Austin, Texas 78701-3218.

6. On information and belief, Micron Semiconductor is a corporation organized and existing under the laws of Idaho. On information and belief, Micron Semiconductor has a regular and established place of business at 805 Central Expressway South, Suite 100, Allen, Texas 75013. On information and belief, Micron Semiconductor is registered with the Texas Secretary of State to do business in Texas. On information and belief, Micron Semiconductor can be served through its registered agent, The Corporation Service Company, 211 E. 7th Street, Suite 620, Austin, Texas 78701-3218.

7. On information and belief, Micron Texas is a corporation organized and existing under the laws of Idaho. On information and belief, Micron Texas has a regular and established place of business at 805 Central Expressway South, Suite 100, Allen, Texas 75013. On information and belief, Micron Texas also has a regular and established place of business at 950 West Bethany Drive, Suite 120, Allen, Texas 75013-3837. On information and belief, Micron Texas is registered with the Texas Secretary of State to do business in Texas. On information and belief, Micron Texas can be served through its registered agent, The Corporation Service Company, 211 E. 7th Street, Suite 620, Austin, Texas, 78701-3218.

8. On information and belief, Micron Semiconductor and Micron Texas are wholly owned subsidiaries of Micron Technology. On information and belief, Micron Technology does not separately report revenue from Micron Semiconductor or Micron Texas in its filings to the Securities Exchange Commission, but rather reports combined revenue from its various products and subsidiaries.

9. On information and belief, Defendants have semiconductor fabrication plants in the United States and other countries throughout the world and manufacture memory products such as DRAM, NAND Flash, and NOR Flash at those plants. On information and belief, Defendants also use, sell, and offer for sale in the United States, import into the United States and/or export from the United States memory products, including DDR4 load reduced dual in-line memory modules (“LRDIMMs”), DDR5 dual in-line memory modules (“DIMMs”), HBM2E memory components, and other high bandwidth memory products and components, or unfinished versions thereof (“Accused Instrumentalities”). On information and belief, Defendants have at least used, sold, or offered to sell products and services, including the Accused Instrumentalities, in this judicial district, *e.g.*, through sales and distribution channels managed by Micron Texas.

10. On information and belief, Defendants place, have placed, and contributed to placing Accused Instrumentalities into the stream of commerce via an established distribution channel knowing or understanding that such products would be sold and used in the United States, including in this judicial district. On information and belief, Defendants have also derived substantial revenues from infringing acts in this judicial district, including from the sale and use of the Accused Instrumentalities.

II. JURISDICTION AND VENUE

11. The Court has subject matter jurisdiction under 28 U.S.C. § 1338, in that this action arises under federal statute, the patent laws of the United States (35 U.S.C. §§ 1, *et seq.*).

12. Each Defendant is subject to this Court's personal jurisdiction consistent with the principles of due process and/or the Texas Long Arm Statute.

13. Personal jurisdiction exists generally over the Defendants because each Defendant has sufficient minimum contacts and/or has engaged in continuous and systematic activities in the forum as a result of business conducted within the State of Texas and the Eastern District of Texas. Personal jurisdiction also exists over each Defendant because each, directly or through subsidiaries, makes, uses, sells, offers for sale, imports, advertises, makes available, and/or markets products within the State of Texas and the Eastern District of Texas that infringe one or more claims of the Patents-in-Suit. Further, on information and belief, Defendants have placed or contributed to placing infringing products into the stream of commerce knowing or understanding that such products would be sold and used in the United States, including in this District.

14. Venue is proper in this Court pursuant to 28 U.S.C. §§ 1391(b) and (c) and/or 1400(b) because Defendants (1) have committed and continue to commit acts of patent infringement in this District by, among other things, directly and/or indirectly making, using, selling, offering to sell, or importing products that infringe one or more claims of the Patents-in-

Suit, and (2) have done and continue to do business in this District by maintaining regular and established places of business, including at least at 805 Central Expressway South, Suite 100, Allen, Texas 75013.

III. FACTUAL ALLEGATIONS

Background

15. Since its founding in 2000, Netlist has been a leading innovator in high-performance memory module technologies. Netlist designs and manufactures a wide variety of high-performance products for the cloud computing, virtualization and high-performance computing markets. Netlist's technology enables users to derive useful information from vast amounts of data in a shorter period of time. These capabilities will become increasingly valuable as the volume of data continues to dramatically increase.

16. Netlist has a long history of being the first to market with disruptive new products such as the first LRDIMM, HyperCloud®, based on Netlist's distributed buffer architecture later adopted by the industry for DDR4 LRDIMM. Netlist was also the first to bring NAND flash to the memory channel with its NVvault® NVDIMM. These innovative products built on Netlist's early pioneering work in areas such as embedding passives into printed circuit boards to free up board real estate, doubling densities via quad-rank double data rate ("DDR") technology, and other off-chip technology advances that result in improved performance and lower costs compared to conventional memory.

17. In many commercial products, a memory module is a printed circuit board that contains, among other components, a plurality of individual memory devices (such as DRAMs). The memory devices are typically arranged in "ranks," which are accessible by a processor or memory controller of the host system. A memory module is typically installed into a memory slot on a computer motherboard.

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