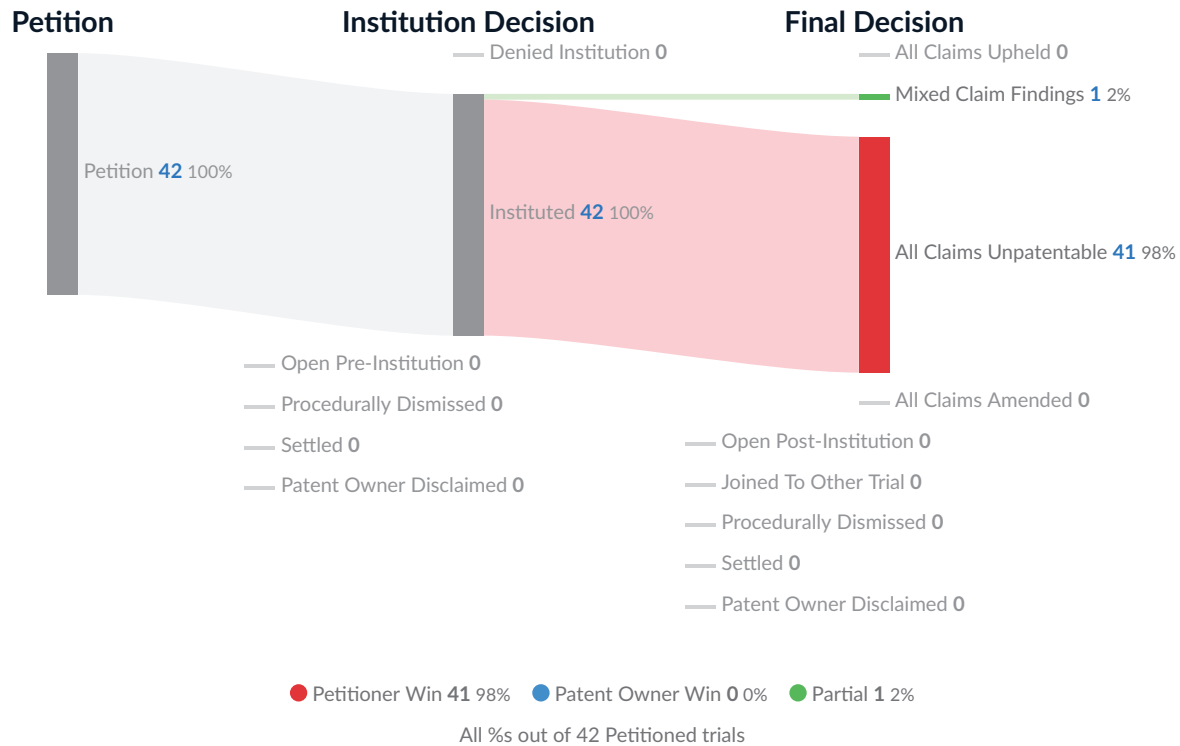


## Taiwan Semiconductor Manufacturing Company, Ltd. and 2 other parties

Showing 42 PTAB trials with Taiwan Semiconductor Manufacturing Company, Ltd. or 2 others as parties; which did not reach Pre-Institution: Settled; in which at least one of the selected parties was a Petitioner; filed between 2012-09-16 and 2025-07-16; with a final decision between 2013-07-17 and 2025-07-16.; sorted by most recent document activity.

### Trial Flow



## Case List

| Trial                         | Filed On   | Institution Decision | Patent                  | Petitioners                                                                                                                                                                 | Patent Owners                                                                                                                             | Trial Resolution                        | Final Decision |
|-------------------------------|------------|----------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------|
| <a href="#">IPR2020-01571</a> | 2020-09-04 | 2021-03-05           | <a href="#">6781226</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>Xilinx, Inc.                                                                                                            | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2020-01570</a> | 2020-09-04 | 2021-03-05           | <a href="#">RE42035</a> | Xilinx, Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd.                                                                                                            | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2020-01568</a> | 2020-09-04 | 2021-03-05           | <a href="#">7282951</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>Xilinx, Inc.                                                                                                            | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2020-01022</a> | 2020-05-29 | 2020-12-02           | <a href="#">6781226</a> | Samsung Semiconductor, Inc.<br>Samsung Electronics Co., Ltd.<br>Samsung Electronics America, Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2021-11-24     |
| <a href="#">IPR2020-01020</a> | 2020-05-29 | 2020-12-02           | <a href="#">RE42035</a> | Samsung Electronics America, Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>Samsung Electronics Co., Ltd.<br>Samsung Semiconductor, Inc.                       | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2021-11-24     |
| <a href="#">IPR2020-01021</a> | 2020-05-29 | 2020-12-02           | <a href="#">7282951</a> | Samsung Semiconductor, Inc.<br>Samsung Electronics Co., Ltd.<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>Samsung Electronics America, Inc.                       | Arbor Global Strategies LLC                                                                                                               | Final Decision: All Claims Unpatentable | 2021-11-24     |
| <a href="#">IPR2020-01669</a> | 2020-09-25 | 2021-04-15           | <a href="#">6548391</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                                                                                                                            | FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EV<br>Fraunhofer Gesellschaft zur Foerderung der Angewandten Forschung EV | Final Decision: All Claims Unpatentable | 2022-04-08     |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution Decision | Patent                  | Petitioners                                                                   | Patent Owners               | Trial Resolution                        | Final Decision |
|-------------------------------|------------|----------------------|-------------------------|-------------------------------------------------------------------------------|-----------------------------|-----------------------------------------|----------------|
| <a href="#">IPR2021-00738</a> | 2021-04-05 | 2021-06-14           | <a href="#">6781226</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America        | Arbor Global Strategies LLC | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2021-00736</a> | 2021-04-05 | 2021-06-11           | <a href="#">7282951</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America        | Arbor Global Strategies LLC | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2021-00737</a> | 2021-04-05 | 2021-06-11           | <a href="#">RE42035</a> | TSMC North America<br>Taiwan Semiconductor Manufacturing Company, Ltd.        | Arbor Global Strategies LLC | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2021-00735</a> | 2021-04-05 | 2021-06-11           | <a href="#">7126214</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America        | Arbor Global Strategies LLC | Final Decision: All Claims Unpatentable | 2022-03-02     |
| <a href="#">IPR2021-00394</a> | 2020-12-31 | 2021-04-05           | <a href="#">7282951</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America        | Arbor Global Strategies LLC | Final Decision: All Claims Unpatentable | 2021-11-24     |
| <a href="#">IPR2016-01249</a> | 2016-06-24 | 2016-12-21           | <a href="#">6538324</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                              | Godo Kaisha IP Bridge 1     | Final Decision: Mixed Claim Findings    | 2017-12-20     |
| <a href="#">IPR2016-01264</a> | 2016-06-24 | 2016-12-21           | <a href="#">6538324</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                              | Godo Kaisha IP Bridge 1     | Final Decision: All Claims Unpatentable | 2017-12-20     |
| <a href="#">IPR2016-01246</a> | 2016-06-24 | 2017-01-04           | <a href="#">7126174</a> | Globalfoundries U.S. Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd. | Godo Kaisha IP Bridge 1     | Final Decision: All Claims Unpatentable | 2018-01-03     |
| <a href="#">IPR2016-01379</a> | 2016-07-12 | 2017-01-18           | <a href="#">6197696</a> | Globalfoundries U.S. Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd. | Godo Kaisha IP Bridge 1     | Final Decision: All Claims Unpatentable | 2018-01-17     |
| <a href="#">IPR2016-01378</a> | 2016-07-12 | 2017-01-18           | <a href="#">6197696</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                              | Godo Kaisha IP Bridge 1     | Final Decision: All Claims Unpatentable | 2018-01-17     |
| <a href="#">IPR2016-01377</a> | 2016-07-12 | 2017-01-18           | <a href="#">6197696</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                              | Godo Kaisha IP Bridge 1     | Final Decision: All Claims Unpatentable | 2018-01-17     |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                    | Patent Owners           | Trial Resolution                        | Final Decision |
|-------------------------------|------------|----------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------|----------------|
|                               |            |                      |                         | Globalfoundries U.S. Inc.                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                                         |                |
| <a href="#">IPR2016-01376</a> | 2016-07-12 | 2017-01-18           | <a href="#">6197696</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                                                                                                                                                                                                                                                                                                                                                                               | Godo Kaisha IP Bridge 1 | Final Decision: All Claims Unpatentable | 2018-01-17     |
| <a href="#">IPR2016-01247</a> | 2016-06-24 | 2017-01-04           | <a href="#">7126174</a> | Taiwan Semiconductor Manufacturing Company, Ltd.                                                                                                                                                                                                                                                                                                                                                                               | Godo Kaisha IP Bridge 1 | Final Decision: All Claims Unpatentable | 2018-01-03     |
| <a href="#">IPR2014-00861</a> | 2014-05-30 | 2014-12-11           | <a href="#">6806652</a> | Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America Corp.<br>The Gillette Company<br>Renesas Electronics Corporation<br>Toshiba America Electronic Components, Inc.<br>Renesas Technology America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Globalfoundries U.S. Inc.<br>Advanced Micro Devices, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation | Zond, LLC               | Final Decision: All Claims Unpatentable | 2016-01-05     |
| <a href="#">IPR2014-00827</a> | 2014-05-28 | 2014-10-20           | <a href="#">6853142</a> | Renesas Electronics Corporation<br>Renesas Technology America, Inc.<br>Toshiba America Information Systems, Inc.<br>The Gillette Company<br>Toshiba Corporation<br>Fujitsu Semiconductor America, Inc.<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Advanced Micro Devices, Inc.                                            | Zond, LLC               | Final Decision: All Claims Unpatentable | 2015-09-25     |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial         | Filed On   | Institution<br>Decision | Patent  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Patent Owners | Trial Resolution                           | Final<br>Decision |
|---------------|------------|-------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|-------------------|
|               |            |                         |         | GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>TSMC North America Corp.<br>Toshiba America Electronic<br>Components, Inc.<br>Globalfoundries U.S. Inc.                                                                                                                                                                                                                                                                                                                                                                                              |               |                                            |                   |
| IPR2014-00821 | 2014-05-27 | 2014-10-20              | 6853142 | Globalfoundries U.S. Inc.<br>Renesas Technology America, Inc.<br>Toshiba America Information Systems,<br>Inc.<br>Fujitsu Semiconductor Limited<br>Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>The Gillette Company<br>Renesas Electronics Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Fujitsu Semiconductor America, Inc.<br>Toshiba America Electronic<br>Components, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>TSMC North America Corp. | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-09-25        |
| IPR2014-00819 | 2014-05-27 | 2014-10-20              | 6853142 | Toshiba America Information Systems,<br>Inc.<br>The Gillette Company<br>Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>Renesas Technology America, Inc.<br>Renesas Electronics Corporation<br>Globalfoundries U.S. Inc.                                                                                                                                                                                                                                                                                                                              | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-09-25        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution<br>Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Patent Owners | Trial Resolution                           | Final<br>Decision |
|-------------------------------|------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|-------------------|
|                               |            |                         |                         | GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba America Electronic<br>Components, Inc.<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor Limited<br>TSMC North America Corp.<br>Fujitsu Semiconductor America, Inc.                                                                                                                                                                                                                                    |               |                                            |                   |
| <a href="#">IPR2014-00818</a> | 2014-05-27 | 2014-10-20              | <a href="#">6853142</a> | Renesas Electronics Corporation<br>Renesas Technology America, Inc.<br>Toshiba Corporation<br>Toshiba America Information Systems,<br>Inc.<br>The Gillette Company<br>Fujitsu Semiconductor America, Inc.<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Advanced Micro Devices, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>TSMC North America Corp.<br>Toshiba America Electronic<br>Components, Inc.<br>Globalfoundries U.S. Inc. | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-09-25        |
| <a href="#">IPR2014-00803</a> | 2014-05-22 | 2014-10-01              | <a href="#">7808184</a> | Globalfoundries U.S. Inc.<br>Toshiba America Electronic<br>Components, Inc.<br>Fujitsu Semiconductor Limited                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-09-30        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution<br>Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Patent Owners | Trial Resolution                           | Final<br>Decision |
|-------------------------------|------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|-------------------|
|                               |            |                         |                         | Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>Renesas Electronics Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Fujitsu Semiconductor America, Inc.<br>The Gillette Company<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>TSMC North America Corp.                                                                                                                 |               |                                            |                   |
| <a href="#">IPR2014-00799</a> | 2014-05-22 | 2014-10-01              | <a href="#">7808184</a> | Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>TSMC North America Corp.<br>The Gillette Company<br>Renesas Electronics Corporation<br>Toshiba America Electronic<br>Components, Inc.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Globalfoundries U.S. Inc.<br>Advanced Micro Devices, Inc.<br>Fujitsu Semiconductor Limited<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-09-30        |
| <a href="#">IPR2014-00782</a> | 2014-05-19 | 2014-10-01              | <a href="#">7147759</a> | Advanced Micro Devices, Inc.<br>The Gillette Company<br>Fujitsu Semiconductor Limited<br>Renesas Electronics Corporation<br>Toshiba America Electronic<br>Components, Inc.                                                                                                                                                                                                                                                                                               | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-08-14        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution<br>Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Patent Owners | Trial Resolution                           | Final<br>Decision |
|-------------------------------|------------|-------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|-------------------|
|                               |            |                         |                         | Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Renesas Technology America, Inc.<br>Globalfoundries U.S. Inc.<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.                                                                                                                                                                               |               |                                            |                   |
| <a href="#">IPR2014-00781</a> | 2014-05-19 | 2014-10-01              | <a href="#">7147759</a> | Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Globalfoundries U.S. Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba America Electronic<br>Components, Inc.<br>Fujitsu Semiconductor Limited<br>Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>Renesas Electronics Corporation<br>Renesas Technology America, Inc.<br>The Gillette Company | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-08-14        |
| <a href="#">IPR2014-00805</a> | 2014-05-23 | 2014-10-06              | <a href="#">7811421</a> | Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Globalfoundries U.S. Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)                                                                                                                                                                                                                                          | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-10-02        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution<br>Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Patent Owners | Trial Resolution                        | Final<br>Decision |
|-------------------------------|------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|-------------------|
|                               |            |                         |                         | Toshiba America Electronic Components, Inc.<br>Renesas Electronics Corporation<br>Advanced Micro Devices, Inc.<br>Fujitsu Semiconductor Limited<br>TSMC North America Corp.<br>Toshiba Corporation<br>The Gillette Company                                                                                                                                                                                                                                         |               |                                         |                   |
| <a href="#">IPR2014-00802</a> | 2014-05-22 | 2014-10-06              | <a href="#">7811421</a> | Advanced Micro Devices, Inc.<br>The Gillette Company<br>Fujitsu Semiconductor Limited<br>Renesas Electronics Corporation<br>Toshiba America Electronic Components, Inc.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>TSMC North America Corp.<br>Globalfoundries U.S. Inc.<br>Taiwan Semiconductor Manufacturing Company, Ltd. | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-10-02        |
| <a href="#">IPR2014-00800</a> | 2014-05-22 | 2014-10-06              | <a href="#">7811421</a> | Toshiba America Electronic Components, Inc.<br>Globalfoundries U.S. Inc.<br>Fujitsu Semiconductor Limited<br>Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>Renesas Electronics Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Fujitsu Semiconductor America, Inc.                                                                                                                                                                 | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-10-02        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial         | Filed On   | Institution<br>Decision | Patent  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Patent Owners | Trial Resolution                           | Final<br>Decision |
|---------------|------------|-------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------|-------------------|
|               |            |                         |         | The Gillette Company<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>TSMC North America Corp.                                                                                                                                                                                                                                                                                                                                              |               |                                            |                   |
| IPR2014-00917 | 2014-06-09 | 2014-11-17              | 6805779 | Toshiba America Electronic<br>Components, Inc.<br>Renesas Technology America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Advanced Micro Devices, Inc.<br>Renesas Electronics Corporation<br>The Gillette Company<br>TSMC North America Corp.<br>Globalfoundries U.S. Inc. | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-11-03        |
| IPR2014-00829 | 2014-05-28 | 2014-11-17              | 6805779 | Toshiba America Electronic<br>Components, Inc.<br>Renesas Technology America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor America, Inc.                                                                                                                                                                                                             | Zond, LLC     | Final Decision: All Claims<br>Unpatentable | 2015-11-03        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial         | Filed On   | Institution Decision | Patent  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Patent Owners | Trial Resolution                        | Final Decision |
|---------------|------------|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|----------------|
|               |            |                      |         | GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Advanced Micro Devices, Inc.<br>Renesas Electronics Corporation<br>The Gillette Company<br>TSMC North America Corp.<br>Globalfoundries U.S. Inc.                                                                                                                                                                                                                                                                                               |               |                                         |                |
| IPR2014-00828 | 2014-05-28 | 2014-11-17           | 6805779 | Advanced Micro Devices, Inc.<br>Globalfoundries U.S. Inc.<br>TSMC North America Corp.<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>Fujitsu Semiconductor America, Inc.<br>The Gillette Company<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Renesas Electronics Corporation<br>Toshiba America Electronic Components, Inc.<br>Renesas Technology America, Inc.<br>Fujitsu Semiconductor Limited | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-11-03     |
| IPR2014-00808 | 2014-05-23 | 2014-10-14           | 7604716 | Globalfoundries U.S. Inc.<br>Toshiba America Electronic Components, Inc.<br>Fujitsu Semiconductor Limited<br>Toshiba Corporation<br>Advanced Micro Devices, Inc.<br>The Gillette Company<br>Renesas Electronics Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)                                                                                                                                                                                                                    | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-09-23     |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution<br>Decision | Patent                  | Petitioners                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Patent Owners                   | Trial Resolution                           | Final<br>Decision |
|-------------------------------|------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|-------------------|
|                               |            |                         |                         | Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Renesas Technology America, Inc.<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>TSMC North America Corp.                                                                                                                                                                                                                                                                                           |                                 |                                            |                   |
| <a href="#">IPR2014-00807</a> | 2014-05-23 | 2014-10-14              | <a href="#">7604716</a> | Advanced Micro Devices, Inc.<br>The Gillette Company<br>Fujitsu Semiconductor Limited<br>Renesas Electronics Corporation<br>Toshiba America Electronic<br>Components, Inc.<br>Fujitsu Semiconductor America, Inc.<br>GLOBALFOUNDRIES Dresden<br>Module Two LLC & Co. (KG)<br>Toshiba Corporation<br>GLOBALFOUNDRIES Dresden<br>Module One LLC & Co. (KG)<br>Renesas Technology America, Inc.<br>TSMC North America Corp.<br>Globalfoundries U.S. Inc.<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd. | Zond, LLC                       | Final Decision: All Claims<br>Unpatentable | 2015-09-23        |
| <a href="#">IPR2014-01030</a> | 2014-06-24 | 2014-12-31              | <a href="#">5652084</a> | Samsung Electronics Co., Ltd.<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                         | DSS Technology Management, Inc. | Final Decision: All Claims<br>Unpatentable | 2015-11-30        |
| <a href="#">IPR2014-00726</a> | 2014-05-02 | 2014-10-10              | <a href="#">6896773</a> | TSMC North America Corp.<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing<br>Company, Ltd.<br>Fujitsu Semiconductor America, Inc.<br>The Gillette Company<br>TSMC North America Corp.                                                                                                                                                                                                                                                                                                  | Zond, LLC                       | Final Decision: All Claims<br>Unpatentable | 2015-09-29        |

[https://law.lexmachina.com/party/ptab?filing\\_date-from=2012-09-16&filing\\_date-to=&final\\_decision\\_date-from=2013-07-17&final\\_decision\\_date-to=&new\\_trial\\_flow-exclude=Prel\\_AS&party\\_role-](https://law.lexmachina.com/party/ptab?filing_date-from=2012-09-16&filing_date-to=&final_decision_date-from=2013-07-17&final_decision_date-to=&new_trial_flow-exclude=Prel_AS&party_role-)

| Trial                         | Filed On   | Institution Decision | Patent                  | Petitioners                                                                                                                                                                                              | Patent Owners | Trial Resolution                        | Final Decision |
|-------------------------------|------------|----------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|----------------|
| <a href="#">IPR2014-00580</a> | 2014-04-04 | 2014-10-10           | <a href="#">6896773</a> | TSMC North America Corp.<br>The Gillette Company<br>Fujitsu Semiconductor America, Inc.<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>TSMC North America Corp. | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-10-01     |
| <a href="#">IPR2014-00604</a> | 2014-04-10 | 2014-10-15           | <a href="#">6896775</a> | The Gillette Company<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>Fujitsu Semiconductor Limited<br>Fujitsu Semiconductor America, Inc.<br>TSMC North America Corp.                             | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-09-18     |
| <a href="#">IPR2014-00578</a> | 2014-04-04 | 2014-10-15           | <a href="#">6896775</a> | The Gillette Company<br>Fujitsu Semiconductor Limited<br>Taiwan Semiconductor Manufacturing Company, Ltd.<br>Fujitsu America, Inc.<br>TSMC North America Corp.                                           | Zond, LLC     | Final Decision: All Claims Unpatentable | 2015-09-18     |