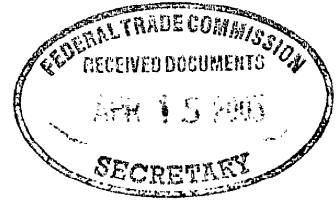


UNITED STATES OF AMERICA
BEFORE FEDERAL TRADE COMMISSION



PUBLIC

In the Matter of)
)
RAMBUS INC.,)
)
 a corporation.)

Docket No. 9302

**COMPLAINT COUNSEL'S UNOPPOSED MOTION FOR THE ISSUANCE OF
SUBPOENAS AD TESTIFICANDUM**

Pursuant to Rule 3.34(a)(2) of the Federal Trade Commission's Rules of Practice, and unopposed by Respondent, Complaint Counsel moves for an Order authorizing the issuance of thirty-four subpoenas *ad testificandum* to be issued to: Graham Allan, Steven Appleton, Andy Bechtolsheim, Henry Becker, Sam Calvin, Richard Crisp, Anthony Diepenbrock, Bob Goodman, Jackie Gross, Dean Hays, Richard Heye, Dr. Bruce L. Jacob, Joel Karp¹, Gordon Kelley, John Kelly, Mark Kellogg, Kevin Kettler, Ilan Krashinsky, Thomas Landgraf, Terry Lee, Joe Macri, Pete MacWilliams, Dr. R. Preston McAfee, Mark E. Nusbaum, Dr. Martin Peisl, Steven Polzin, Dr. Werner Reczek, Desi Rhoden, Brian Shirley, Howard Sussman, Farhad Tabrizi, Lester Vincent, Barry Wagner, and Brett Williams.

The testimony of each of these individuals is reasonably relevant to Complaint Counsel's prosecution of this matter and thus satisfies the conditions under Rule 3.34(a)(2) for the issuance of a subpoena *ad testificandum* to give testimony at an adjudicative hearing. Each of these individuals was listed on Complaint Counsel's Final Witness List. A brief description of each individual's position and relevance to Complaint Counsel's case follows.

¹ Complaint Counsel believes that the deposition testimony of Mr. Karp is admissible as a party admission. In the event, however, that Complaint Counsel is precluded from introducing into evidence portions of Mr. Karp's prior testimony, Complaint Counsel reserves the right to call him as a live witness.

Graham Allan was formerly Business Unit Manager of Mosaid Technologies Incorporated. During Mr. Allan's tenure, Mosaid licensed and developed technology for the DRAM industry. Currently, he is Director of Marketing at SiberCore Technologies. Mr. Allan was a participant for Mosaid at JEDEC meetings through the early to mid-1990s. We expect Mr. Allan to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, and the effect of Rambus' conduct before JEDEC.²

Steven Appleton is the Chairman of the Board of Directors, Chief Executive Officer and President of Micron Technology, Inc. Micron is a DRAM manufacturer. Mr. Appleton has been with Micron since 1991. We expect Mr. Appleton to testify generally about, *inter alia*, Micron's DRAM business, the use of DRAM by Micron's customers in PCs, servers and other machines, the importance of JEDEC standards, the effect of Rambus' conduct before JEDEC, and the impact of Rambus' attempt to impose royalties on Micron's DRAM business.

Andy Bechtolsheim is Vice President and General Manager of Gigabit Systems at Cisco Systems, Inc. Cisco is a DRAM user in switches. We expect Mr. Bechtolsheim to testify generally about, *inter alia*, the importance of JEDEC SDRAM and DDR SDRAM standards, and the effect of changes in those standards, to Cisco's switch manufacturing business, and the effect of Rambus' conduct before JEDEC.

Henry Becker is Managing Director of Infineon Technologies Richmond. Infineon is a DRAM manufacturer. Mr. Becker is in charge of the operations of Infineon's DRAM manufacturing plant in Richmond. We expect Mr. Becker to testify generally about, *inter alia*, the manufacturing of DRAM by Infineon, the effect of Rambus' conduct before JEDEC related to SDRAM and DDR SDRAM.

Sam Calvin was a Senior Staff Electrical Engineer at Intel Corporation. Intel uses DRAM technology in chipsets. Mr. Calvin was a representative for Intel at JEDEC meetings. We expect Mr. Calvin to testify generally about, *inter alia*, the use of DRAM with Intel's microprocessors, the JEDEC disclosure and licensing policies, and the effect of Rambus' conduct related to SDRAM and DDR SDRAM before JEDEC.

Richard Crisp was Technology and Business Development Manager of the Asia-Pacific Region at Rambus Inc. Mr. Crisp was the primary Rambus representative at JEDEC JC 42.3 meetings from May 1992 until Rambus withdrew from JEDEC in 1996. We expect Mr. Crisp to testify generally about, *inter alia*, JEDEC policies, Rambus' application for and prosecution of its patents in SDRAM and DDR SDRAM technologies, and Rambus' document destruction policy.

Anthony Diepenbrock was in-house counsel at Rambus Inc, in charge of patents and

² Although Mr. Allan resides outside the United States, he has indicated his willingness, if so requested, to come to the United States voluntarily to testify in this matter.

intellectual property, from the mid to late-1990s. Currently, he is a Partner, at Oppenheimer, Wolff & Donnelly LLP, located in their Palo Alto, California office. We expect Mr. Diepenbrock to testify generally about, *inter alia*, legal advice relating to Rambus' participation in standards setting organizations, Rambus' application for and prosecution of its patents in SDRAM and DDR SDRAM technologies, and Rambus' document destruction policy

Bob Goodman is Chief Executive Officer of Kentron Technologies, Inc. Kentron licenses DRAM module technology that can be used to improve memory performance. Mr. Goodman is on the Board of Governors of EIA. We expect Mr. Goodman to testify generally about, *inter alia*, the effect and importance of JEDEC SDRAM and DDR SDRAM standards, JEDEC patent policy, and the effect of Rambus' conduct before JEDEC.

Jackie Gross is Director of Memory Central Direct Procurement at Hewlett-Packard Company. Ms. Gross was formerly the head of memory procurement, including DRAM, at Compaq. Hewlett-Packard is a DRAM user in its PCs, servers, printers and other machines. We expect Ms. Gross to testify generally about, *inter alia*, the importance of JEDEC standards to Hewlett-Packard, and the effect of Rambus' conduct before JEDEC.

Dean Hays is Director of Marketing at VIA Technologies, Inc. VIA uses DRAM in the chipsets it manufactures. Mr. Hays was a VIA representative to the JEDEC JC-42.3 subcommittee. We expect Mr. Hays to testify generally about, *inter alia*, JEDEC patent policy and the patent policy of other standard setting organizations, as well as the effect of Rambus' conduct before JEDEC, and subsequent to leaving JEDEC.

Richard Heye is Vice President of Platform Engineering & Infrastructure at Advanced Micro Devices, Inc. AMD uses DRAM technology in chipsets. We expect Mr. Heye to testify generally about, *inter alia*, the use of DRAM with AMD's products, the importance of JEDEC standards to the DRAM industry, the importance of standards in general to the computer industry, and the effect of Rambus' conduct before JEDEC.

Dr. Bruce L. Jacob is an Associate Professor of Department of Electrical & Computer Engineering at the University of Maryland. We expect Dr. Jacob to testify generally about, *inter alia*: the nature of DRAM technology and its evolution over time; the basic design and features of Rambus' proprietary RDRAM technology; the likelihood that details found in Rambus '898 patent application and the patents Rambus disclosed to JEDEC would have alerted JEDEC engineers of Rambus' potential patent rights to SDRAM features that were the subject of JEDEC's standard-setting work; the relationship between Rambus patents granted or pending from Decemeber 1991 to June 1996 and the JC-42.3 subcommittee's work on SDRAM standards; the alternatives to the four technologies at issue; and the technical implications of redesigning SDRAM products today to incorporate alternatives to the four technologies at issue.

Joel Karp was the Vice President of Intellectual Property at Rambus, Inc. Mr. Karp was a JEDEC representative for Samsung until mid-1990s. We expect Mr. Karp to testify generally

about, *inter alia*, JEDEC patent disclosure and patent licensing policies, the effect of Rambus' conduct before JEDEC, and Rambus' document destruction policy.

Gordon Kelley is a Senior Engineer at IBM Corporation. IBM is a DRAM user in PCs, servers and other machines. Mr. Kelley was a former chairman of JEDEC subcommittee JC-42.3, a former JEDEC Chairman of the Board, and representative of IBM at several JEDEC meetings. We expect Mr. Kelley to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, the importance of JEDEC standards, the effect of Rambus' conduct before JEDEC, JEDEC work leading to the SDRAM and DDR SDRAM standards, and alternatives to the four technologies at issue.

John Kelly is Executive Vice President and General Counsel of the Electronic Industries Alliance, and President of the JEDEC Solid State Technology Association. We expect Mr. Kelly to testify generally about, *inter alia*, the rationale for and details of the JEDEC patent disclosure and patent licensing policies, and the effect of Rambus' conduct before JEDEC.

Mark Kellogg is a Distinguished Engineer at IBM Corporation. IBM is a DRAM user in PCs, servers and other machines. Mr. Kellogg has been a participant and/or representative in JEDEC meetings. We expect Mr. Kellogg to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, JEDEC work leading to the SDRAM and DDR SDRAM standards, and alternatives to the four technologies at issue, and the effect of Rambus' conduct before JEDEC.

Kevin Kettler is Chief Technology Officer at Dell Computer Corporation. Dell is a DRAM user in PCs, servers and other machines. We expect Mr. Kettler to testify generally about, *inter alia*, the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Ilan Krashinsky is a Memory Technology Expert at Hewlett-Packard Company. HP is a DRAM user in HP's PCs, servers, printers and other machines. Mr. Krashinsky has represented HP in JEDEC meetings. We expect Mr. Krashinsky to testify generally about, *inter alia*, the effect of Rambus' conduct related to SDRAM and DDR SDRAM standards, the importance of JEDEC standards and the alternatives to the four technologies at issue.

Thomas Landgraf is Commodity Manager for Semiconductor Memories at Cisco Systems, Inc. Cisco is a DRAM user in switches. Mr. Landgraf formerly was a DRAM Senior Procurement Engineer at Hewlett-Packard Company. Mr. Landgraf attended JC-42.3 subcommittee meetings on behalf of Hewlett-Packard for a number of years. We expect Mr. Landgraf to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, the effect of Rambus' conduct before JEDEC, and alternatives to the four technologies at issue.

Terry Lee is the Executive Director of Advanced Technology and Strategic Marketing at

Micron Technology, Inc., a DRAM manufacturer. Mr. Lee has been a participant for Micron at JEDEC meetings since 1995. Mr. Lee started as a design engineer and now works in strategic marketing. Mr. Lee is responsible for making Micron presentations in front of JEDEC. We expect Mr. Lee to testify generally about, *inter alia*, the use of DRAM by Micron customers in PCs, servers and other machines, JEDEC patent disclosure and patent licensing policies, the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Joe Macri is Director of Technology at ATI Technologies Inc. Mr. Macri is the current chairman of JEDEC subcommittee JC-42.3. We expect Mr. Macri to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies and the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Pete MacWilliams is a Senior Fellow at Intel Corporation. Intel designs chipsets and other products that interface with DRAM. We expect Mr. MacWilliams to testify generally about, *inter alia*, the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Dr. R. Preston McAfee is a Professor in the Department of Economics at the University of Texas. He will be testifying as an expert witness. We expect Dr. McAfee to testify generally about, *inter alia*: the economic factors influencing competition in the DRAM industry; the role of standards in the DRAM industry; market definition and market power in the markets for latency, burst length, clock synchronization, data acceleration and SDRAM technologies; the exclusionary nature of Rambus' conduct and the economic effects of Rambus' conduct.

Mark E. Nusbaum is a Member of the Nixon and Vanderhye, P.C. law firm, resident in the firm's Arlington, Virginia office. He will be testifying as an expert witness. We expect Mr. Nusbaum to testify generally about, *inter alia*, the conduct of applicants pursuing patent rights from the United States Patent and Trademark Office, Rambus' application for, abandoning of, continuation of, and prosecution of patents and/or patent applications related to SDRAM and DDR-SDRAM, and the relationship between Rambus patents granted or pending from December 1991 to June 1996 and JEDEC's standard-setting work during that time period.

Dr. Martin Peisl is Director of Graphics and Specialty Memories for Infineon Technologies North America Corp. Infineon is a DRAM manufacturer. We expect Dr. Peisl to testify generally about, *inter alia*, Infineon's DRAM business, the use of DRAM by Infineon's customers in PCs, servers and other machines, the importance of JEDEC standards, and the effect of Rambus' conduct before JEDEC.

Steven Polzin is a Senior AMD Fellow at Advanced Micro Devices, Inc. AMD designs chipsets and other products that interface with DRAM. We expect Mr. Polzin to testify generally about, *inter alia*, the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Dr. Werner Reczek is Vice President and Managing Director at Infineon Technologies AG.³ Infineon is a DRAM manufacturer. We expect Mr. Reczek to testify generally about, *inter alia*, manufacturing DRAMs and the effect and consequences of Rambus' conduct before JEDEC related to SDRAM and DDR SDRAM.

Desi Rhoden is President of Advanced Memory International, Inc. Mr. Rhoden formerly worked at HP, and VLSI, a chipset manufacturer, and represented both companies at JEDEC. Mr. Rhoden is the Chairman of JEDEC, and has participated in several JEDEC subcommittees. We expect Mr. Rhoden to testify generally about, *inter alia*, the rationale for and details of the JEDEC patent disclosure and patent licensing policies, JEDEC work leading up to the SDRAM and DDR SDRAM standards, the alternatives to the four technologies at issue, and the effect of Rambus' conduct before JEDEC.

Brian Shirley is Design Operations Manager of Micron Technology, Inc., a DRAM manufacturer. We expect Mr. Shirley to testify generally about, *inter alia*, implementing JEDEC specifications in Micron DRAM, and the effect of Rambus' conduct before JEDEC on SDRAM and DDR SDRAM technologies.

Howard Sussman is Senior Manager of Marketing & Development at Sanyo Semiconductor Corporation. Mr. Sussman has served a participant of Mostek, NEC and Sanyo in JEDEC meetings. Mr. Sussman is a member of the Board of Directors of JEDEC. We expect Mr. Sussman to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, the effect of Rambus' conduct before JEDEC, JEDEC work leading up to the SDRAM and DDR SDRAM standards, and the alternatives to the four technologies at issue.

Farhad Tabrizi is Vice President of Worldwide Marketing of Memory Products at Hynix Semiconductor Inc. Hynix is a DRAM manufacturer. Mr. Tabrizi was a representative of Hynix (and its predecessors) in JEDEC meetings. Mr. Tabrizi was chairman of JEDEC subcommittee JC-16. We expect Mr. Tabrizi to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, JEDEC work leading up to the SDRAM and DDR SDRAM standards, the alternatives to the four technologies at issue, and the effect of Rambus' conduct before JEDEC.

Lester Vincent is a Partner at the Blakely, Sokoloff, Taylor & Zafman, resident in the firm's Sunnyvale, California office. We expect Mr. Vincent to testify generally about, *inter alia*, legal advice relating to Rambus' participation in standards setting organizations, Rambus' efforts to broaden its patent applications to add claims covering SDRAM and DDR SDRAM technologies, and Rambus' document destruction policy.

Barry Wagner is Manager of Technical Marketing at nVIDIA Corporation. Mr. Wagner

³ Although Dr. Reczek resides outside the United States, he has indicated his willingness, if so requested, to come to the United States voluntarily to testify in this matter.

has been a representative of nVIDIA in JEDEC meetings. nVIDIA is a graphics card designer that designs interfaces for DRAM. We expect Mr. Wagner to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, the effect of Rambus' conduct before JEDEC, and the alternatives to the four technologies at issue.

Brett Williams is Segment Enabling Specialist for the Desktop PC division at Micron Technology, Inc, and has worked with DRAM for Micron since 1990. Micron is a DRAM manufacturer. Mr. Williams was a representative of Micron in JEDEC meetings in the early 1990s. We expect Mr. Williams to testify generally about, *inter alia*, JEDEC patent disclosure and patent licensing policies, JEDEC work leading up to the SDRAM standard, the effect of Rambus' conduct before JEDEC, and the existence of possible alternatives to the four technologies at issue.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "M. Sean Royall". To the right of the signature, there are initials "IAF" written in a similar cursive style.

M. Sean Royall
Geoffrey D. Oliver
Malcolm L. Catt
John C. Weber
Robert P. Davis
Jerome Swindell
Cary E. Zuk
Bureau of Competition
Federal Trade Commission
Washington, D.C. 20580
(202) 326-2275
(202) 326-3496 (fax)
Counsel Supporting the Complaint

DATED: April 14, 2003

CERTIFICATE OF SERVICE

I, Beverly A. Dodson, hereby certify that on April 15, 2003, I caused a copy of the attached, *Complaint Counsel's Unopposed Motion for the Issuance of Subpoenas Ad Testificandum*, to be served upon the following persons:

by hand delivery to:

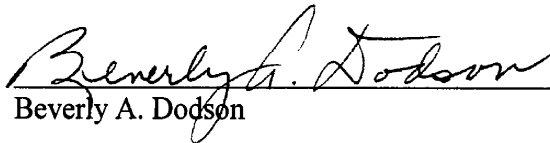
Hon. Stephen J. McGuire
Chief Administrative Law Judge
Federal Trade Commission
600 Pennsylvania Ave., N.W.
Washington, D.C. 20580

and by electronic transmission and overnight courier to:

A. Douglas Melamed, Esq.
Wilmer, Cutler & Pickering
2445 M Street, N.W.
Washington, DC 20037-1402

Steven M. Perry, Esq.
Munger, Tolles & Olson LLP
355 South Grand Avenue
35th Floor
Los Angeles, CA 90071

Counsel for Rambus Incorporated


Beverly A. Dodson



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Graham Allan
SiberCore Technologies
One Hines Road
Kanata
Ontario, Canada K2K 3C7

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

2. LOCATION OF HEARING

Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington, DC 20580

3. DATE AND TIME OF HEARING

April 30, 2003
9:30 a.m.

4. SUBJECT OF PROCEEDINGS

In the Matter of Rambus Inc., a corporation, Docket No. 9302

5. RECORDS YOU MUST BRING WITH YOU

6. ADMINISTRATIVE LAW JUDGE

Stephen J. McGuire
Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

ADMINISTRATIVE LAW JUDGE'S SIGNATURE

GENERAL INSTRUCTIONS

APPEARANCE

The delivery of this subpoena to you by any method prescribed by the Commission's Rules of Practice is legal service and may subject you to a penalty imposed by law for failure to comply.

MOTION TO LIMIT OR QUASH

The Commission's Rules of Practice require that any motion to limit or quash this subpoena be filed within the earlier of 10 days after service or the time for compliance. The original and ten copies of the motion must be filed with the Secretary of the Federal Trade Commission. Send one copy to the Requesting Counsel named in Item 7 and to all other parties prescribed in the Rules of Practice.

TRAVEL EXPENSES

The Commission's Rules of Practice require that fees and mileage be paid by the party that requested your appearance. You should present your claim to Counsel listed in Item 7 for payment. If you are permanently or temporarily living somewhere other than the address on this subpoena and it would require excessive travel for you to appear, you must get prior approval from Counsel listed in Item 7.

This subpoena does not require approval by OMB under the Paperwork Reduction Act of 1980.



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Steven Appleton
Micron Technology, Inc.
c/o Richard Rosen, Esquire
Arnold & Porter
555 12th Street, N.W.
Washington, D.C. 20004-1206

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Andy Bechtolsheim
Cisco Systems, Inc.
c/o Willard K. Tom, Esquire
Morgan, Lewis & Bocklus, LLP
1111 Pennsylvania Avenue, N.W.
Washington, DC 20004

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Chief Administrative Law Judge

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Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Henry Becker
Infineon Technologies North America Corp.
c/o Clifford E. Wilkins, Jr., Esquire
Kirkland & Ellis
153 East 53rd Street
New York, NY 10022-4611

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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600 Pennsylvania Avenue, N.W., Room 532
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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Sam Calvin
Intel Corporation
c/o James A. Murray, Esquire
Howrey, Simon, Arnold & White, LLP
1299 Pennsylvania Avenue, N.W.
Washington, DC 20004

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington DC 20580

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4. SUBJECT OF PROCEEDINGS

In the Matter of Rambus, Inc., a corporation, Docket No. 9302

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Stephen J. McGuire
Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Richard Crisp
Rambus, Inc.
c/o Steven M. Perry, Esquire
Munger, Tolles & Olson LLP
355 South Grand Avenue, 35th Floor
Los Angeles, CA 90071-1560

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
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Chief Administrative Law Judge

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Anthony Diepenbrock
Oppenheimer, Wolff & Donnelley
c/o Steven M. Perry, Esquire
Munger, Tolles & Olson LLP
355 South Grand Avenue, 35th Floor
Los Angeles, CA 90071-1560

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

2. LOCATION OF HEARING

Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington, DC 20580

3. DATE AND TIME OF HEARING

April 30, 2003
9:30 a.m.

4. SUBJECT OF PROCEEDINGS

In the Matter of Rambus Inc., a corporation, Docket No. 9302

5. RECORDS YOU MUST BRING WITH YOU

6. ADMINISTRATIVE LAW JUDGE

Stephen J. McGuire
Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

ADMINISTRATIVE LAW JUDGE'S SIGNATURE

GENERAL INSTRUCTIONS

APPEARANCE

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Bob Goodman
Kentron Technologies, Inc.
c/o J. Mark Dickison, Esquire
Lawson & Weitzen, LLP
88 Black Falcon Avenue, Suite 345
Boston, MA 02210

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Jackie Gross
Hewlett-Packard Company
c/o Robert Cook, Esquire
Drinker, Biddle & Reath
1500 K Street, N.W., Suite 1100
Washington, DC 20005

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Dean Hays
Via Technologies, Inc.
c/o Daniel McCloskey
Oppenheimer, Wolff & Donnelly LLP
1400 Page Mill Road
Palo Alto, CA 94304

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Richard Heye
Advanced Micro Devices, Inc.
c/o David T. Beddow, Esquire
O'Melveny & Myers LLP
555 13th Street, N.W.
Washington, DC 20004-1109

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Dr. Bruce L. Jacob
Associate Professor
Department Of Electrical & Computer Engineering & Institute for Advanced Computer Studies
University of Maryland at College Park
College Park, MD 20742

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Joel Karp
Rambus, Inc.
c/o Steven M. Perry, Esquire
Munger, Tolles & Olson LLP
355 South Grand Avenue, 35th Floor
Los Angeles, CA 90071-1560

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Gordon Kelley
IBM Corporation
c/o Leslie Kimball, Esquire
Hogan & Hartson
875 Third Avenue
New York, NY 10022

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

John Kelly, Esquire
JEDEC Solid State Technology Association
2500 Wilson Blvd.
Arlington, VA 22201-3834

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Washington, DC 20580

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Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Mark Kellogg
IBM Corporation
c/o Leslie Kimball, Esquire
Hogan & Hartson
875 Third Avenue
New York, NY 10022

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600 Pennsylvania Avenue
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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Kevin Kettler
Dell Computer Corporation
c/o Paul L. Yde, Esquire
701 Pennsylvania Avenue, NW
Suite 600
Washington, DC 20004-2692

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
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Washington, DC 20580

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Gcoffrey D. Oliver, Esquire (202) 326-2275

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Ilan Krashinsky
Hewlett-Packard Company
c/o Robert Cook, Esquire
Drinker, Biddle & Reath
1500 K Street, N.W., Suite 1100
Washington, DC 20005

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Terry Lee
Micron Technology, Inc.
c/o Richard Rosen, Esquire
Arnold & Porter
555 12th Street, N.W.
Washington, DC 20004-1206

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Thomas Landgraf
Hewlett-Packard Company
c/o Robert Cook, Esquire
Drinker, Biddle & Reath
1500 K Street, N.W., Suite 1100
Washington, DC 20005

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United States of America
Federal Trade Commission
SUBPOENA

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Brett Williams
Micron Technology, Inc.
c/o Richard Rosen, Esquire
Arnold & Porter
555 12th Street, N.W.
Washington, DC 20004-1206

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600 Pennsylvania Avenue, N.W., Room 532
Washington, DC 20580

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In the Matter of Rambus Inc., a corporation, Docket No. 93a02

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Joe Macri
ATI Research Silicon Valley, Inc.
2805 Bowers Avenue
Santa Clara, CA 95051-0917

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

2. LOCATION OF HEARING

Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington, DC 20580

3. DATE AND TIME OF HEARING

April 30, 2003
9:30 a.m.

4. SUBJECT OF PROCEEDINGS

In the Matter of Rambus Inc., a corporation, Docket No. 9302

5. RECORDS YOU MUST BRING WITH YOU

6. ADMINISTRATIVE LAW JUDGE

Stephen J. McGuire
Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

ADMINISTRATIVE LAW JUDGE'S SIGNATURE

GENERAL INSTRUCTIONS

APPEARANCE

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on the person named herein on:

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(Month, day, and year)

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(Name of person making service)

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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Pete MacWilliams
Intel Corporation
c/o James Murray, Esquire
Howrey, Simon, Arnold & White, LLP
1299 Pennsylvania Avenue, N.W.
Washington, DC 20004

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

2. LOCATION OF HEARING

Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington DC 20580

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Geoffrey D. Oliver, Esquire (202) 326-2275

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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Dr. R. Preston McAfee
University of Texas
c/o Dr. Micheal Williams
PM Key Point LLC
2200 Powell Street, Suite 1080
Emeryville, CA 94608

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Mark E. Nusbaum, Esquire
Nixon and Vanderhye, P.C.
1100 North Glebe Road
8th Floor
Arlington, VA 22201

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600 Pennsylvania Avenue, N.W., Room 532
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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Dr. Martin Peisl
Infineon Technologies North America Corp.
c/o Clifford E. Wilkins, Jr., Esquire
Kirkland & Ellis
153 East 53rd Street
New York, NY 10022-4611

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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600 Pennsylvania Avenue, N.W., Room 532
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Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

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(Name of person making service)

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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Steve Polzin
Advanced Micro Devices, Inc.
c/o David T. Beddow, Esquire
O'Melveny & Myers LLP
555 13th Street, N.W.
Washington, DC 20004-1109

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
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M. Sean Royall, Esquire (202) 326-3663
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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Dr. Werner Reczek
Infineon Technologies North America Corp..
c/o Clifford E. Wilkins, Jr., Esquire
Kirkland & Ellis
153 East 53rd Street
New York, NY 10022-4611

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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 (Name of person making service)

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 (Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Desi Rhoden
AMI, Inc.
7107 Destiny Hills Drive
Austin, TX 78738

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
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7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

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(Name of person making service)

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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Brian Shirley
Micron Technology, Inc.
Richard Rosen, Esquire
Arnold & Porter
555 12th Street, N.W.
Washington, DC 20004-1206

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
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(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Howard Sussman
c/o Roger R. Wise, Esquire
Pillsbury Winthrop, LLP
725 South Figueroa Street, Suite 2800
Los Angeles, CA 90017

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Farhad Tabrizi
Hynix Semiconductor, Inc.
c/o Patrick Lynch, Esquire
O'Melveny & Myers LLP
400 South Hope Street
Los Angeles, California 90071-2899

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

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United States of America
Federal Trade Commission
SUBPOENA

1. TO

Lester Vincent, Esquire
Blakely, Sokoloff, Taylor & Zafman
c/o Steven M. Perry, Esquire
Munger, Tolles & Olson, LLP
355 South Grand Avenue, 35th Floor
Los Angeles, CA 90071-1560

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on the person named herein on:

.....
(Month, day, and year)

.....
(Name of person making service)

.....
(Official title)



United States of America
Federal Trade Commission
SUBPOENA

1. TO

Barry Wagner
NVIDIA
c/o Michael Bailey
Brown & Bain, P.A.
2901 North Central Avenue
Phoenix, AZ 85012

This subpoena requires you to appear and give testimony at the date and time specified in Item 3 at the request of Counsel listed in Item 7 at a hearing in the proceeding described in Item 4.

2. LOCATION OF HEARING

Federal Trade Commission
600 Pennsylvania Avenue, N.W., Room 532
Washington, DC 20580

3. DATE AND TIME OF HEARING

April 30, 2003
9:30 a.m.

4. SUBJECT OF PROCEEDINGS

In the Matter of Rambus Inc., a corporation, Docket No. 9302

5. RECORDS YOU MUST BRING WITH YOU

6. ADMINISTRATIVE LAW JUDGE

Stephen J. McGuire
Chief Administrative Law Judge

7. COUNSEL REQUESTING SUBPOENA

M. Sean Royall, Esquire (202) 326-3663
Geoffrey D. Oliver, Esquire (202) 326-2275

DATE ISSUED

ADMINISTRATIVE LAW JUDGE'S SIGNATURE

GENERAL INSTRUCTIONS

APPEARANCE

The delivery of this subpoena to you by any method prescribed by the Commission's Rules of Practice is legal service and may subject you to a penalty imposed by law for failure to comply.

MOTION TO LIMIT OR QUASH

The Commission's Rules of Practice require that any motion to limit or quash this subpoena be filed within the earlier of 10 days after service or the time for compliance. The original and ten copies of the motion must be filed with the Secretary of the Federal Trade Commission. Send one copy to the Requesting Counsel named in Item 7 and to all other parties prescribed in the Rules of Practice.

TRAVEL EXPENSES

The Commission's Rules of Practice require that fees and mileage be paid by the party that requested your appearance. You should present your claim to Counsel listed in Item 7 for payment. If you are permanently or temporarily living somewhere other than the address on this subpoena and it would require excessive travel for you to appear, you must get prior approval from Counsel listed in Item 7.

This subpoena does not require approval by OMB under the Paperwork Reduction Act of 1980.

RETURN OF SERVICE

I hereby certify that a duplicate original of the within subpoena was duly served: (check the method used)

- in person.*
- by registered mail.*
- by leaving copy at principal office or place of business, to wit:*

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on the person named herein on:

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(Month, day, and year)

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(Official title)