

DRAM
PATENT LICENSE AGREEMENT
BETWEEN
RAMBUS INC.
AND
[NAME OF COMPANY]

DRAM PATENT LICENSE AGREEMENT

This DRAM PATENT LICENSE AGREEMENT (“Agreement”) is made and entered into on this _____ day of _____, 20__ (“Effective Date”) by and between Rambus Inc., a corporation duly organized and existing under the laws of Delaware, U.S.A., having its principal place of business at 4440 El Camino Real, Los Altos, California 94022, U.S.A., (hereinafter “Rambus”) and [NAME OF COMPANY], a [COMPANY TYPE] duly organized and existing under the laws of [LAW OF COMPANY FORMATION] having [its principal place of business/registered office] at [ADDRESS] (hereinafter “Licensee”).

WHEREAS, Licensee represents that it is an integrated DRAM manufacturer in the sense that its principal DRAM business is the design, manufacture and sale of packaged and tested synchronous dynamic random access memory integrated circuits, including but not limited to DDR2 DRAM, and DDR3 DRAM (as such terms are defined below);

WHEREAS, Rambus represents that it owns various patents and utility models and applications therefor, in certain countries throughout the world, in the field of semiconductor memory;

WHEREAS, Licensee desires to acquire a license from Rambus under such intellectual property for the purpose of the design, manufacture and sale of such synchronous dynamic random access memory integrated circuits, including but not limited to DDR2 DRAM, and DDR3 DRAM as hereinafter provided; and

WHEREAS, Rambus is willing to grant a license to Licensee under such intellectual property for such purpose, provided that Licensee’s design, manufacture and sale of such memory integrated circuits remains predominantly based on the later generations of JEDEC compliant memory integrated circuits, including but not limited to DDR2 DRAM and DDR3 DRAM, and not where a significant portion of such design, manufacture and sale is based on previous generations of JEDEC compliant memory integrated circuits such as SDR DRAM and DDR DRAM (as such terms are defined below) as hereinafter provided;

NOW, THEREFORE, in consideration of the mutual covenants and premises contained herein, the parties agree as follows:

1. DEFINITIONS

- 1.1 “Affiliate” means, for an identified entity (“Identified Entity”), any other entity (1) that is a Subsidiary of the Identified Entity; or (2) that Controls or is under common Control of such Identified Entity, but only so long as such Control exists.
- 1.2 “Commencement Date” means the date on which Rambus is notified of the European Commission’s final decision under Article 9 of Council Regulation No. 1/2003 accepting Rambus’ undertaking and Commitment in Case C-3/38.636-Rambus.
- 1.3 “Control” (including “Controlled” and other forms) of an entity means (1) either (A) beneficial ownership (whether direct, or indirect through Controlled entities or other

means) of more than fifty percent (50%) of the outstanding voting securities of that entity or (B) in the case of an entity that has no outstanding voting securities, having the right (directly or indirectly) to more than fifty percent (50%) of the profits of the entity, or having the right (directly or indirectly) in the event of dissolution to more than fifty percent (50%) of the assets of the entity; or (2) having the contractual power (directly or indirectly) presently to designate more than fifty percent (50%) of the directors of a corporation, or in the case of unincorporated entities, of individuals exercising similar functions. (By way of example only, an entity has indirect Control of a Subsidiary of its Subsidiary).

- 1.4 “Current JEDEC DRAM” means SDR DRAM, DDR DRAM, DDR2 DRAM, DDR3 DRAM, GDDR DRAM, GDDR2 DRAM, GDDR3 DRAM, LPDDR DRAM, and LPDDR2 DRAM.
- 1.5 “DDR DRAM” means each double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for DDR. “DDR DRAM” excludes any DRAM that constitutes a DDR2 DRAM, DDR3 DRAM, GDDR2 DRAM, GDDR3 DRAM, GDDR4 DRAM, LPDDR DRAM, or LPDDR2 DRAM.
- 1.6 “DDR2 DRAM” means each double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for DDR2.
- 1.7 “DDR3 DRAM” means each double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for DDR3.
- 1.8 “DRAM” means a synchronous dynamic random access memory Integrated Circuit the primary purpose of which is data storage and retrieval.
- 1.9 “Effective Date” has the meaning assigned in the first paragraph of this Agreement.
- 1.10 “Eligible Feature” means each feature or function in a Future JEDEC DRAM that is (a) required for such DRAM to comply with the published JEDEC specification for such Future JEDEC DRAM and (b) identical to a feature or function required for a DRAM to comply with a JEDEC-published specification for a Current JEDEC DRAM.
- 1.11 “Future JEDEC DRAM” means any DRAM, other than Current JEDEC DRAM, that complies with a final, publically available version of a JEDEC specification published after August 12, 2009 for such DRAM.
- 1.12 “GDDR2 DRAM” means each graphics double date rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for GDDR2.
- 1.13 “GDDR3 DRAM” means each graphics double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for GDDR3.
- 1.14 “GDDR4 DRAM” means each graphics double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for GDDR4.

- 1.15 “Indirect Infringement” means any form of alleged patent or utility model infringement where the accused infringer is not directly infringing the subject patent or utility model right(s), but is in some manner contributing to a Third Party’s direct infringement of such right(s) by, for example (and without limitation), supplying designs, parts or instructions to the Third Party that enable such Third Party to infringe directly such right(s). Indirect Infringement includes without limitation contributory infringement and inducing infringement.
- 1.16 “Integrated Circuit” means a single, discrete integrated circuit chip, whether in wafer, singulated die or packaged die form. The term “Integrated Circuit” specifically excludes any substrate on which or in which such Integrated Circuit may be physically attached.
- 1.17 “JEDEC” means the JEDEC Solid State Technology Association, originally known as the Joint Electron Device Engineering Council, a non-stock corporation organized and existing under the laws of the Commonwealth of Virginia.
- 1.18 “Licensed Feature” means each Eligible Feature in a Future JEDEC DRAM where such Eligible Feature is made (including have made), used, Sold, Offered for Sale and/or imported pursuant to the terms of this Agreement.
- 1.19 “Licensed Product” means each Licensee Product made (including have made), used, Sold, Offered for Sale, and/or imported pursuant to the terms of this Agreement.
- 1.20 “Licensee Product” means any Current JEDEC DRAM.
- 1.21 “LPDDR DRAM” means each low-power double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for LPDDR.
- 1.22 “LPDDR2 DRAM” means each low-power double data rate DRAM that complies with the JEDEC-published specification set forth in Exhibit 1 for LPDDR2.
- 1.23 “Net Sales” means the gross amount invoiced or otherwise charged a Third Party customer by Licensee and/or its Affiliates for a Licensed Product or Future JEDEC DRAM that contains a Licensed Feature Sold by Licensee and/or its Affiliates in any country of the world, less amounts for (1) returns for which a refund is given during the same quarter as the corresponding sale, and (2) insurance, handling, duty, freight and taxes where such items are separately invoiced to and paid for by a customer. Where a Licensed Product or Future JEDEC DRAM that contains a Licensed Feature is transferred by Licensee through one or more Affiliates for Sale to a Third Party customer, Net Sales shall be calculated only on the Sale to such Third Party customer, except as otherwise provided herein.
- 1.24 “Rambus Applicable Patent Claims” are defined and determined separately for each (a) product within the definition of Licensee Products or (b) feature or function within the definition of an Eligible Feature. For each Licensee Product, a Rambus Applicable Patent Claim means a claim of a Rambus Patent where all of the limitations of such claim are present in or provided by the applicable Licensee Product in the form first Sold by Licensee or its Affiliates. For each Eligible Feature, a Rambus Applicable Patent Claim

means a claim of a Rambus Patent with a priority date on or before June 12, 1996 where all of the limitations of such claim are present in or provided by the applicable Eligible Feature in the form first Sold by Licensee or its Affiliates as part of a Future JEDEC DRAM.

- 1.25 “Rambus Patents” means all issued patents or utility models owned by Rambus during the term of the License.
- 1.26 “SDR DRAM” means each single data rate DRAM that complies with the JEDEC-published specification for SDRAM set forth in Exhibit 1 for SDRAM. “SDR DRAM” excludes any DRAM that constitutes a DDR DRAM, DDR2 DRAM, DDR3 DRAM, GDDR2 DRAM, GDDR3 DRAM, GDDR4 DRAM, LPDDR DRAM, or LPDDR2 DRAM.
- 1.27 “Term” has the meaning ascribed to such term in Section 6.1.
- 1.28 “Sell” (including “Sale” and “Sold” and other forms) means to sell, lease, or otherwise transfer or dispose of a product or item, or if the product is used by a party hereto for its own business, then such use shall also be deemed a Sale.
- 1.29 “Subsidiary” means, for an identified entity (“Identified Entity”), any entity Controlled by the Identified Entity, but only so long as such Control exists.
- 1.30 “Third Party” means, for two entities, that such entities are not Affiliates.
- 1.31 “Third Party Price” means the quarterly average Net Sales for a given Licensed Product or Future JEDEC DRAM containing a Licensed Feature (Sold as a stand-alone product) for a given quarter Sold to customers that, with respect to Licensee and/or its Affiliates, are Third Parties.
- 1.32 “Ultimate Parent Entity” means, for an identified entity (“Identified Entity”), that such Identified Entity is not Controlled by any other entity.

2. REPRESENTATION, WARRANTIES AND COVENANTS OF LICENSEE.

- 2.1 Representations and Warranties. Licensee hereby represents and warrants to Rambus that:
- (a) it is a fully integrated DRAM manufacturer offering a full line of Licensee Products, including SDR, DDR, DDR2 and DDR3 DRAMs, and may also offer graphics, low power, and other generations of DRAMs. This criterion will be satisfied in particular if a substantial majority of the Licensees and its Affilates’ aggregate DRAM revenue is derived from the design, manufacture and sale of packaged and tested DRAM products that fall within the definition of Licensee Products, including but not limited to DDR2 DRAM and DDR3 DRAM; and
- (b) it is an Ultimate Parent Entity.

2.2 Covenants. Licensee hereby covenants to Rambus that during the Term:

- (a) it shall remain an Ultimate Parent Entity; and
- (b) it shall take no actions during the term of this License intended to circumvent the application of the intent of the royalty holiday for SDR and DDR DRAMs as contained in this License and in Rambus' Commitment to the European Commission.

2.3 Material Breach. Breach by Licensee of any the representations, warranties or covenants under Section 2.1 or Section 2.2 above shall constitute a material breach of this Agreement pursuant to Section 6.3.

3. GRANT OF RIGHTS

3.1 License to Licensee.

(a) Licensee Products. Subject to the terms and conditions of this Agreement, Rambus, on behalf of itself and its Affiliates, hereby grants to Licensee and its Affiliates the following separate and distinct licenses for each product that falls within the definition of a Licensee Product: a non-exclusive, non-transferable, royalty-bearing, worldwide license, without the right to sublicense, solely under the associated Rambus Applicable Patent Claims, to make (including have made), use, Sell, offer for Sale, and/or import the corresponding Licensee Product during the Term.

(b) Eligible Features. Subject to the terms and conditions of this Agreement, Rambus, on behalf of itself and its Affiliates, hereby grants to Licensee and its Affiliates the following separate and distinct licenses for each feature and function that falls within the definition of an Eligible Feature: a non-exclusive, non-transferable, royalty-bearing, worldwide license, without the right to sublicense, solely under the associated Rambus Applicable Patent Claims, to make (including have made), use, Sell, offer for Sale, and/or import the corresponding Eligible Feature during the Term. For the avoidance of any doubt, solely those features and functions that constitute a Licensed Feature are subject to the foregoing license grant and any portion of any Future JEDEC DRAM that does not constitute a Licensed Feature is not licensed pursuant to the terms of this Agreement, including, but not limited to, this Section 3.1(b).

3.2 No Release, No Implied or Other Rights and Licenses.

(a) The rights and licenses granted herein apply solely to those activities expressly licensed during the Term. Nothing in this Agreement shall be deemed to, and shall not be construed to, constitute any release, forbearance, forfeiture or other waiver of any rights of Rambus or any of its Affiliates to enforce any of their respective intellectual property rights with respect to any activities undertaken by Licensee, its Affiliates or any other Third Party prior to the Effective Date of this Agreement.

- (b) No release, license, covenant or other right is granted, by implication, estoppel, acquiescence or otherwise, to either party, their respective Affiliates and/or any other Third Parties under any patents, utility models, patent or utility model claims, or other intellectual property rights now or hereafter owned or controlled by either party or their respective Affiliates, except as expressly provided in this Agreement.
- (c) No authorization, release, license, covenant or other right is granted, by implication, estoppel, acquiescence or otherwise, to Licensee, its Affiliates and/or any other Third Parties under any patents, utility models, patent or utility model claims, or other intellectual property rights now or hereafter owned or controlled by Rambus or its Affiliates for making (including having made), using, Selling, offering for Sale and/or importing any Licensed Product or Licensed Feature hereunder combined with any other element (including, but not limited to, any function or feature), product or instrumentality. The Sale of any Licensed Product or Licensed Feature that is not conditioned on the foregoing express exclusion of any authorization, release, license, covenant or other right to combine any Licensed Product or Licensed Feature with any other element (including, but not limited to, any function or feature), product or instrumentality shall constitute a material breach of this Agreement pursuant to Section 6.3 and shall not constitute a Sale licensed under Section 3.1(a) or 3.1(b) above, as the case may be, or otherwise authorized pursuant to the terms of this Agreement.
- (d) None of the terms of this Agreement shall be deemed to, and shall not be construed to, constitute (i) an authorization by Rambus or its Affiliates for Licensee, its Affiliates or any other Third Party to Sell, offer for Sale and/or import any product, function, or feature (1) in or for combination with any other element (including, but not limited to any function or feature), product or instrumentality; or (2) unconditionally for use in or for combination with any other element (including, but not limited to, any function or feature), product or instrumentality; or (ii) a waiver by Rambus or its Affiliates of any liability for Indirect Infringement based on Licensee's, its Affiliates' or any other Third Party's use, Sale, offer for Sale and/or import of any product, function, or feature in combination with any other element (including, but not limited to any function or feature), product or instrumentality. The Sale of any Licensed Product or Licensed Feature that is not conditioned on the foregoing express exclusions shall constitute a material breach of this Agreement pursuant to Section 6.3 and shall not constitute a Sale licensed under Section 3.1 above or otherwise authorized pursuant to the terms of this Agreement.
- (e) Except as confirmed in writing by Rambus, no action or inaction on the part of Rambus or its Affiliates, including without limitation the acceptance of any royalty calculation, report or payment, shall be argued, interpreted or construed as support for, or as giving rise to, any release, license or other right, except as expressly provided in this Agreement, including without limitation any authorization, release, license, covenant or other right based upon implication, acquiescence, estoppel or otherwise.

- 3.3 Obligation When Transferring Patents. Rambus agrees that it will use reasonable efforts to ensure that any Third Party to whom any Rambus Patent is transferred, assigned or exclusively licensed (including any successor in interest thereto) is bound in writing to all the obligations, covenants and licenses granted, or committed to be granted hereunder, with respect to such Rambus Patents.
- 3.4 Former Affiliates. All rights and licenses granted to any Affiliate of Licensee shall remain in force only for so long as such entity meets all requirements of an Affiliate as defined under Section 1.1.

4. ROYALTIES

- 4.1 Royalty Rates. In partial consideration for the rights and license granted by Rambus under this Agreement, and subject to the terms and conditions of this Agreement, Licensee shall pay to Rambus a royalty equal to the following per unit of the Licensed Products Sold by Licensee and/or its Affiliates anywhere in the world during the Term:

<u>Product</u>	<u>Royalty</u>
DDR2 DRAM	1.5% of Net Sales
DDR3 DRAM	1.5% of Net Sales
GDDR2 DRAM	1.5% of Net Sales
GDDR3 DRAM	1.5% of Net Sales
GDDR4 DRAM	1.5% of Net Sales
LPDDR DRAM	1.5% of Net Sales
LPDDR2 DRAM	1.5% of Net Sales

<u>Licensed Features</u>	<u>Royalty</u>
One or more Licensed Feature(s)	[TBD]% of Net Sales of Future JEDEC DRAM containing such Licensed Feature(s) ¹

- 4.2 Royalty Holiday for SDR DRAM and DDR DRAM. For so long as Licensee is not in breach of the terms of this Agreement, no royalty shall be due with respect to Sales of SDR DRAM and DDR DRAM.

- 4.3 Termination of Royalty Holiday.

- (a) Breach of Agreement. The terms of Section 4.2 shall not apply to any Sales of SDR DRAM and DDR DRAM that constitute Licensed Products during any quarter in which Licensee or any of its Affiliates is in breach of any of the terms and conditions of this Agreement. Rambus agrees, until the expiration of the cure period set forth in Section 6.3, to negotiate in good faith with Licensee a per unit

¹ A rate to be negotiated but no higher than 1.5%.

royalty rate applicable to Licensee's and its Affiliates' Sales of SDR DRAM and DDR DRAM that constitute Licensed Products during the Term. If Rambus and Licensee fail to agree upon such rate(s) for such Sales, Rambus will be entitled immediately to terminate this Agreement and (without limiting any of Rambus' other remedies) upon such termination to collect damages as may be awarded by a court of competent jurisdiction for all of Licensee's and its Affiliates' Sales of SDR DRAM and DDR DRAM.

- (b) Termination of Agreement by Rambus. The terms of Section 4.2 shall not apply to any Sales of any SDR DRAM and DDR DRAM that constitute Licensed Products if Rambus terminates this Agreement for cause pursuant to Sections 6.3 and/or 6.5. Upon any such termination by Rambus, Rambus will be entitled (without limiting any of Rambus' other remedies) to collect damages as may be awarded by a court of competent jurisdiction for all of Licensee's and its Affiliates' Sales of SDR DRAM and DDR DRAM during the Term.

4.4 Modules/Multichip Packages, Wafers & Dice.

- (a) Modules/Multichip Packages. For any Licensed Product or any Future JEDEC DRAM containing a Licensed Feature incorporated into or onto any unitary substrate (for example, silicon, ceramic, modules, multi-chip package (MCP), system in package (SIP) or PC board), the royalty shall be determined as if such Licensed Products or such Future JEDEC DRAM, as the case may be, were sold individually, using the Third Party Price for each such Licensed Product or such Future JEDEC DRAM, as the case may be. If there is no Third Party Price for such Licensed Products or such Future JEDEC DRAM for the applicable quarter, the Third Party Price for the previous quarter shall be used. If there is no Third Party Price for such Licensed Products or such Future JEDEC DRAM for the applicable quarter or the previous quarter, then as a condition to any continued licensed Sales of the applicable Licensed Product or Licensed Feature(s), (i) Licensee shall so indicate in its quarterly report to Rambus, and (ii) the parties shall determine, within thirty (30) days of Rambus' receipt of such royalty report, an appropriate royalty base for those Licensed Products or Licensed Feature(s) consistent with the principles of this Section 4.4(a). If a resolution is not reached within such time, the dispute may be resolved in accordance with Section 8.3. Notwithstanding anything to the contrary in this Agreement, royalties for such Licensed Products or Licensed Features shall be due upon an internal transfer of the individual Licensed Products or Future JEDEC DRAM containing a Licensed Feature for incorporation into or onto such unitary substrate. It is understood that any devices that are not Licensed Products or Future JEDEC DRAM containing a Licensed Features that are included on any such unitary substrate are not subject to the licenses and covenants under this Agreement and are not subject to the royalties under this Agreement.
- (b) Sales of Wafers & Die. For any Licensed Product or Future JEDEC DRAM containing a Licensed Feature that is Sold in wafer or die form rather than as a finished and fully packaged integrated circuit, royalties shall be based on the

greater of (1) the Net Sales of such Licensed Product or such Future JEDEC DRAM in the form actually Sold; and (2) the Third Party Price of such Licensed Product or such Future JEDEC DRAM when Sold as a finished and fully packaged integrated circuit. If there is no Third Party Price for such Licensed Products or such Future JEDEC DRAM for the applicable quarter, the Third Party Price for the previous quarter shall be used. If there is no Third Party Price for such Licensed Products or such Future JEDEC DRAM for the applicable quarter or the previous quarter, then as a condition to any continued licensed Sales of the applicable Licensed Product or Licensed Features, (i) Licensee shall so indicate in its quarterly report to Rambus, and (ii) the parties shall determine, within thirty (30) days of Rambus' receipt of such royalty report, an appropriate royalty base for those Licensed Products or those Licensed Features consistent with the principles of this Section 4.4(b). If a resolution is not reached within such time, the dispute may be resolved in accordance with Section 8.3.

- 4.5 Royalties for Internal Use. The royalty on Sales of any Licensed Products or Licensed Features based on use internally within Licensee and/or its Affiliates shall be calculated based on the Third Party Price for such Licensed Products or Future JEDEC DRAM containing such Licensed Features. Royalties for such products shall be due upon an internal transfer of the individual Licensed Products or Future JEDEC DRAM containing a Licensed Feature for internal use. If there is no Third Party Price for the applicable quarter, the Third Party Price for the previous quarter shall be used. If there is no Third Party Price for the applicable quarter or the previous quarter, then as a condition to Licensee's continued licensed Sales of such Licensed Products or Licensed Features, (a) Licensee shall so indicate in its quarterly report to Rambus, and (b) the parties shall determine, within thirty (30) days of Rambus' receipt of such royalty report, an appropriate royalty base for those Licensed Products or those Licensed Features consistent with the principles of this Section 4.5. If a resolution is not reached within such time, the dispute may be resolved in accordance with Section 8.3.
- 4.6 Establishing Net Sales Prices. Except as provided in Section 4.5, if Licensed Products or Future JEDEC DRAM containing Licensed Features are Sold during a calendar quarter under circumstances where the Net Sales are not based on the fair market value of such Licensed Products or such Future JEDEC DRAM, Net Sales shall be calculated using the Third Party Price. If there is no Third Party Price for the applicable quarter, the Third Party Price for the previous quarter shall be used. If there is no Third Party Price for the applicable quarter or the previous quarter, then as a condition to any continued licensed Sales of the relevant Licensed Products or relevant Licensed Feature(s), (a) Licensee shall so indicate in its quarterly report to Rambus, and (b) the parties shall determine, within thirty (30) days of Rambus' receipt of such royalty report, an appropriate royalty base for those Licensed Products or those Licensed Features consistent with the principles of this Section 4.6. If a resolution is not reached within such time, the dispute may be resolved in accordance with Section 8.3.
- 4.7 Scope of Royalty Obligations Hereunder. Notwithstanding anything to the contrary set forth in this Agreement, any Licensed Products or Future JEDEC DRAM containing a Licensed Feature acquired from a Third Party who has in force a separate license

agreement from Rambus covering such Licensed Products or such Licensed Features are not subject to the royalty payment obligations under this Section 4 and are not subject to the rights and licenses under this Agreement.

- 4.8 Royalty Rates Set for Convenience of the Parties. Given the worldwide scope of this Agreement, the impracticality of monitoring by Licensee of the movement of Licensed Products or Licensed Features through international markets, that Rambus will be issued new patents and/or utility models continually in various countries throughout the Term that will be licensed hereunder, it is agreed and recognized that paying royalties on worldwide Sales, on the rates set forth in this Agreement, is fair and reasonable, representing a balance between the concerns and interests of both parties and resulting in a convenience for Licensee.
- 4.9 Withholding Taxes. If the [LICENSEE'S GOVERNMENT] imposes any withholding tax upon any license fee or royalty payment due to Rambus hereunder, such tax shall be borne by Rambus. Licensee agrees to assist Rambus in making all necessary filings to eliminate or minimize the tax rate and/or any withholding tax payments. To the extents such withholding taxes cannot be eliminated, Licensee shall withhold the amount of any such taxes levied on such payments by the [LICENSEE'S GOVERNMENT], shall promptly effect payment of the taxes so withheld to the [NAME OF RELEVANT TAX OFFICE], and promptly send to Rambus the official certificate or other proofs of such payment to enable Rambus to support a claim for a foreign tax credit with respect to any such taxes so withheld and paid against income taxes which may be levied by the United States government.

5. REPORTS, RECORDS, AUDITS & PAYMENTS

- 5.1 Records and Audits. With respect to the royalties set forth herein, Licensee shall keep complete and accurate records. These records shall be retained for a period of at least three (3) years following the date of each corresponding payment, notwithstanding the expiration or other termination of this Agreement. Rambus, through its designated independent accounting or licensing audit firm, shall have the right, upon thirty (30) days' prior written notice, to examine and audit, not more than once a year (unless the preceding audit revealed an underpayment), and during normal business hours, all such records and such other records and accounts as may contain, under recognized accounting practices, information bearing upon the amount of royalties payable to Rambus under this Agreement. Licensee shall timely provide all reasonable access to such applicable information in both electronic and tangible form. In no event will Rambus audit any given reporting period more than once. Licensee shall promptly compensate for any errors and/or omissions disclosed by such examination or audit which result in an underpayment of royalties hereunder from the date the payment was due along with interest calculated at the rate of the 1 year U.S. Treasury Notes (hereinafter "T-bill") rate, as published by the Federal Reserve (www.federalreserve.gov) on the day on which the royalty was due, plus ten percent (10%) (or the maximum interest rate allowed by applicable law, if lower). Should the amount of any such error and/or omission exceed five percent (5%) of the total royalties due for the period under audit, then upon request by Rambus, Licensee shall also promptly pay for the cost of the audit. If any three (3)

consecutive audits reveal underpayments of royalties in excess of five percent (5%), Rambus shall be entitled immediately to terminate this Agreement on notice to Licensee at any time within ninety (90) days after Rambus receives the results of such third such audit.

- 5.2 Reports and Payments. Within thirty (30) days after the end of each calendar quarter, until all royalties payable hereunder have been reported and paid, Licensee shall furnish to Rambus a statement, in suitable form and including sales in U.S. Dollars and itemized by part number of each Licensed Product and showing the total revenue for each part number of each Licensed Product or Future JEDEC DRAM containing a Licensed Feature during such calendar quarter, showing all part numbers of such Licensed Products or such Future JEDEC DRAM containing a Licensed Feature subject to royalties which were Sold during such calendar quarter, and the amount of royalty payable thereon. It is agreed that a suitable form of the statement is attached as Exhibit 2. If no Licensed Products or Future JEDEC DRAM containing a Licensed Feature have been Sold, that fact shall be shown on such statement. Within thirty (30) days after the end of each calendar quarter, Licensee shall pay to Rambus by electronic transfer the royalties payable hereunder for such quarter. No royalties owed under this Agreement shall be refundable, cancellable or subject to any credit against future royalties owed under this Agreement. Such electronic transfer shall be made in U.S. Dollars either directly or via the Federal Reserve Bank of San Francisco for credit to the following account or another designated in writing by Rambus:

Rambus Inc.
Wells Fargo Bank
400 Hamilton Avenue
Palo Alto, CA 94301

Unless otherwise specified pursuant to the notice provisions herein, Licensee shall send quarterly statements to Rambus at the following addresses:

Rambus, Inc.
Attn: Finance Department – Royalties
4440 El Camino Real
Los Altos, CA, 94022

and by electronic mail to royaltyreports@rambus.com

- 5.3 Currency and Late Payments. All royalty and other payments to Rambus hereunder shall be in United States Dollars. Any late payment of royalties accepted by Rambus hereunder shall be subject to and include interest, at the 1 year Treasury Notes rate, as published by the Federal Reserve (www.federalreserve.gov) on the day on which the royalty was due plus ten percent (10%) (or the maximum interest rate allowed by applicable law, if lower). The amount of interest shall be calculated from the royalty due date to the date of electronic transfer. Failure to make three (3) royalty payments in the manner and time period provided for hereunder shall be grounds for immediate termination upon notice from Rambus.

5.4 No Escrow. Payment of royalties due under this Agreement to any person, firm or entity, other than Rambus, including without limitation, any escrow fund or escrow agent, unless agreed by Rambus or ordered by any court or government agency of competent jurisdiction, shall constitute a material breach of this Agreement.

6. TERM & TERMINATION

6.1 Term. This Agreement shall continue in full force and effect from the Effective Date through the date which is five (5) years after the Commencement Date, but in no event later than August 1, 2014, unless earlier terminated as hereinafter provided (“Term”).

6.2 Termination for Convenience. Licensee may, on or after the first (1st) anniversary of the Effective Date, terminate this Agreement at its discretion and for its convenience upon thirty (30) days’ prior written notice thereof to Rambus.

6.3 Material Breach. A party may terminate this Agreement upon notice if the other party hereto (or any of its Affiliates) commits a material breach of this Agreement and does not correct such breach within thirty (30) days after receiving written notice complaining thereof.

6.4 Bankruptcy. Either party may terminate this Agreement effective upon written notice to the other party in the event that the other party becomes the subject of a voluntary or involuntary petition in bankruptcy or any proceeding relating to insolvency, or composition for the benefit of creditors, if that petition or proceeding is not dismissed within sixty (60) days after filing.

6.5 Rambus’ Right to Terminate. In addition to the rights set forth in Sections 6.3 and 6.4, Rambus shall have the right to terminate this Agreement pursuant to the terms of Sections 5.1 and 5.3.

6.6 Survival. All payment obligations accruing prior to any termination or expiration of all or any part of this Agreement shall survive any such termination or expiration. In addition, the following sections shall survive and remain in full force and effect after any termination or expiration of all or any party of this Agreement, 1, 3.2, 4 (with respect to amounts owed but not yet paid), 5, 6.6, 7.2, and 8.

7. PRESS RELEASE & CONFIDENTIALITY

7.1 Press Release. Within twenty-four (24) hours after the execution of this Agreement by both parties, Rambus and Licensee shall issue a joint press release in the form attached hereto as Exhibit 3. The press release will include a quote by a senior executive of each party.

7.2 Confidentiality. Each party agrees that only after the announcement referenced in Section 7.1 above, each party shall be entitled to disclose the general nature of this Agreement but that the terms and conditions of this Agreement, to the extent not already disclosed pursuant to Section 7.1 above, shall be treated as Confidential Information and that neither party will disclose such terms or conditions to any Third Party without the prior

written consent of the other party, provided, however, that each party may disclose the terms and conditions of this Agreement:

- (a) as required by any court or other governmental body;
- (b) as otherwise required by law;
- (c) as otherwise may be required by applicable securities and other law and regulation, including to legal and financial advisors in their capacity of advising a party in such matters;
- (d) to legal counsel of the parties, accountants, and other professional advisors;
- (e) in confidence, to banks, investors and other financing sources and their advisors;
- (f) in connection with the enforcement of this Agreement or rights under this Agreement;
- (g) during the course of litigation so long as the disclosure of such terms and conditions are restricted in the same manner as is the confidential information of other litigating parties and so long as (1) the restrictions are embodied in a court-entered protective order limiting disclosure to outside counsel and (2) the disclosing party informs the other party in writing at least ten (10) business days in advance of the disclosure and shall discuss the nature and contents of the disclosure, in good faith, with the other party; or
- (h) in confidence, in connection with an actual or prospective merger or acquisition or similar transaction.

For the avoidance of doubt, upon execution of this Agreement, or thereafter, Rambus, in its discretion, shall be entitled to file a copy of this Agreement with the U.S. Securities and Exchange Commission.

8. MISCELLANEOUS

8.1 Disclaimers. Nothing contained in this Agreement shall be construed as:

- (a) a warranty or representation by either party as to the validity, enforceability, and/or scope of any Patent or utility model;
- (b) imposing upon either party any obligation to institute any suit or action for infringement of any patent or utility model, or to defend any suit or action brought by a Third Party which challenges or concerns the validity, enforceability or scope of any patent or utility model;
- (c) imposing on either party any obligation to file any patent or utility model application or other intellectual property right application or registration or to secure or maintain in force any patent or utility model;

- (d) imposing on either party any obligation to furnish any technical information or know-how;
 - (e) imposing on either party any requirement to collect royalties on individual parts at any particular time; or
 - (f) imposing or requiring, whether by implication or otherwise, any support, maintenance or any deliverable obligations on Rambus or its Affiliates under this Agreement (and neither Rambus nor its Affiliates are providing any support, maintenance or deliverables under this Agreement).
- 8.2 Notices. All notices and other communications required or permitted hereunder shall be in writing and shall be mailed by first class air mail (registered or certified if available), postage prepaid, or otherwise delivered by hand, by messenger or by telecommunication, addressed to the addresses first set forth above or at such other address furnished with a notice in the manner set forth herein. Such notices shall be deemed to have been effective when delivered or, if delivery is not accomplished by reason of some fault or refusal of the addressee, when tendered. All notices shall be in English.
- 8.3 Governing Law & Venue. This Agreement shall be governed by and interpreted in accordance with U.S. federal law and/or the laws of the State of California, without reference to conflict of laws principles. All disputes arising under this Agreement shall be subject to the exclusive jurisdiction of the courts of the State of California or of the Federal courts sitting therein. Each of the parties hereby waives the application to this Agreement of the United Nations Convention on the International Sales of Goods.
- 8.4 No Assignment. This Agreement is personal to Licensee, and the Agreement and/or any right or obligation hereunder is not assignable, whether in conjunction with a change in ownership, change of control, merger, acquisition, the sale or transfer of all, or substantially all or any part of Licensee's business or assets or otherwise, voluntarily, by operation of law, reverse triangular merger or otherwise, without the prior written consent of Rambus, which consent Rambus will not unreasonably withhold, provided that for any such transaction, the resulting Ultimate Parent Entity agrees to be bound by all the terms and conditions of this Agreement. Any such purported or attempted assignment or transfer in violation of the foregoing shall be deemed a material breach of this Agreement and shall be null and void. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the parties and their permitted successors and assigns.
- 8.5 No Rule of Strict Construction. Regardless of which party may have drafted this Agreement or any part thereof, no rule of strict construction shall be applied against either party.
- 8.6 Severability. If any section, or paragraph, or provision or clause of any thereof in this Agreement shall be found or be held to be invalid or unenforceable in any jurisdiction in which this Agreement is being performed, the remainder of this Agreement shall be valid and enforceable and the parties shall negotiate, in good faith, a substitute, valid and

enforceable provision which most nearly effects the parties' intent in entering into this Agreement.

- 8.7 Entire Agreement. This Agreement embodies the entire understanding of the parties with respect to the subject matter hereof, and merges all prior oral or written communications between them, and neither of the parties shall be bound by any conditions, definitions, warranties, understandings, or representations with respect to the subject matter hereof other than as expressly provided herein. No oral explanation or oral information by either party hereto shall alter the meaning or interpretation of this Agreement.
- 8.8 Modification; Waiver. No modification or amendment to this Agreement, nor any waiver of any rights, will be effective unless assented to in writing by the party to be charged, and the waiver of any breach or default will not constitute a waiver of any other right hereunder or any subsequent breach or default.
- 8.9 Counterparts. This Agreement may be executed in two (2) or more counterparts, all of which, taken together, shall be regarded as one and the same instrument.
- 8.10 Time is of the Essence. Time is of the essence with respect to all payments required hereunder.
- 8.11 No Third Party Beneficiaries. This Agreement has been made and is made solely for the benefit of Rambus, Licensee and its Affiliates. Nothing in this Agreement is intended to confer any rights or remedies under or by reason of this Agreement on any person or entity other than Rambus, Licensee and Affiliates. Nothing in this Agreement is intended to relieve or discharge the obligation or liability of any Third Party except as expressly set forth in this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by duly authorized officers or representatives as of the date first above written.

RAMBUS INC.

LICENSEE SEMICONDUCTOR, INC.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Exhibit 1

JEDEC Compliant DRAM²

A. SDR DRAM

JEDEC Memory Type	Published Specification
SDRAM	21-C Release 4
SDRAM	21-C Release 5
SDRAM	21-C Release 6
SDRAM	21-C Release 7
SDRAM	21-C Release 8
SDRAM	21-C Release 9

B. DDR DRAM

JEDEC Memory Type	Published Specification
DDR	JESD 79
DDR	JESD 79A
DDR	JESD 79B
DDR	JESD 79C
DDR	JESD 79D

C. DDR2 DRAM

JEDEC Memory Type	Published Specification
DDR2	JESD 79-2
DDR2	JESD 79-2A

D. DDR3 DRAM

JEDEC Memory Type	Published Specification
DDR3	JESD 79-3
DDR3	JESD 79-3A
DDR3	JESD 79-3B

² ALL PUBLISHED SPECIFICATIONS SET FORTH IN THIS EXHIBIT 1 REFER SOLELY TO THE FINAL, PUBLICALLY AVAILABLE VERSION OF SUCH SPECIFICATION PUBLISHED ON OR BEFORE AUGUST 12, 2009. FOR AVOIDANCE OF ANY DOUBT, ANY ADDITIONS, DELETIONS OR OTHER MODIFICATIONS MADE TO ANY SUCH PUBLISHED SPECIFICATION EITHER (I) AFTER AUGUST 12, 2009 AND/OR (II) BEFORE JUNE 12, 2009 BUT WHICH WERE NOT MADE PART OF THE FINAL, PUBLICALLY AVAILABLE VERSION OF SUCH PUBLISHED SPECIFICATION BY AUGUST 12, 2009, IN EACH CASE OF (I) OR (II) SHALL BE DEEMED TO BE NOT PART OF ANY PUBLISHED SPECIFICATION REFERRED TO IN THIS EXHIBIT 1.

E. LPDDR DRAM

JEDEC Memory Type	Published Specification
LPDDR	JESD-4
LPDDR	JESD 209
LPDDR	JESD 209-A

F. LPPR DDR2

JEDEC Memory Type	Published Specification
LPDDR2	JESD 209-2

G. GDDR2 DRAM

JEDEC Memory Type	Published Specification
GDDR2	21-C Release 13

H. GDDR3 DRAM

JEDEC Memory Type	Published Specification
GDDR3	21-C Release 14
GDDR3	21-C Release 15

I. GDDR4 DRAM

JEDEC Memory Type	Published Specification
GDDR4	21-C Release 16

Exhibit 2

Sample Royalty Report

[TBD]

Exhibit 3

Press Release

[TBD]