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Accellera Systems Initiative

The purpose of the following license agreement (the "Agreement") is to encourage interoperability and development of a C++ modeling language known as "SystemC" for system simulation and design (the "Purpose"). The SystemC software and other items licensed hereunder are licensed, without fee of any kind, for use pursuant to the terms and conditions set forth in this Agreement.

License Agreement

THE CONTRIBUTORS ARE WILLING TO LICENSE THEIR RESPECTIVE CONTRIBUTIONS TO YOU ONLY ON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS OF THIS LICENSE AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS LICENSE AGREEMENT, THEN NO RIGHTS ARE GRANTED TO YOU HEREUNDER TO USE ANY CONTRIBUTIONS. NOTWITHSTANDING ANYTHING TO CONTRARY, ANY USE, REPRODUCTION OR DISTRIBUTION OF ANY CONTRIBUTION CONSTITUTES YOUR ACCEPTANCE OF THIS AGREEMENT.

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- 1.2 "Accellera" means Accellera Systems Initiative, a California nonprofit mutual benefit corporation.
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- 1.4 "Accellera Release" means a Contribution or combination of Contributions which is developed or created through the Accellera working group process, and the final work approved for release by a Accellera working group, approved for release by the Accellera steering group and approved for release by the board of directors of Accellera. Examples of Accellera Releases include Accellera libraries and Accellera specifications. Accellera Documentation shall be deemed to be included in the definition of Accellera Release.
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this Agreement. A list of all Contributions is available upon written request to Accellera and can also be found on the Website. For purposes of clarification, all contributions licensed pursuant to that certain SystemC Open Source License Agreement (Software Download and Use License Agreement Version 2.4) shall constitute, and be treated as, Contributions pursuant to this Agreement.

- 1.7 "Copyright Agreement" means any LRM and Copyright Contribution Agreement entered into between Accellera and the signatory thereto at any time prior to or after the date hereof.
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- 1.14 "Distribution" means any distribution, sublicensing or other transfer of a Contribution to any third party.
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- 1.17 "Modification" means any additions or deletions to any Contribution.
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- 2.6 Except as specifically set forth in any Copyright Agreement, Contributor shall ensure that transfers or assignments of all or any part of its right, title, and interest in and to any Contributions contributed or

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All Recipient's rights under this Agreement shall terminate if Recipient fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If such occurs, Recipient shall cease all use and Distribution of

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Accellera may publish new versions (including revisions) of this Agreement from time to time. Each new version of the Agreement will be given a distinguishing version number. Any Contribution, Accellera Documentation or Accellera Release may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute any Contribution, Accellera Documentation or Accellera Release under the new version. No one other than Accellera, acting by a vote of at least seventy five percent (75%) of the members of its Board of Directors, has the right to modify this Agreement; provided that Exhibit B and Exhibit C may be amended as specifically set forth in Section 3.1(b), and Exhibit D may be amended as specifically set forth in Section 1.13.

12. ELECTRONIC ACCEPTANCE

This Agreement may be executed either electronically or on paper. If this Agreement is executed electronically, by clicking on the "Accept" button, Recipient warrants that it agrees to all of the terms of this Agreement, that Recipient is authorized to enter into this Agreement, and that this Agreement is legally binding upon Recipient. If Recipient does not agree to be bound by this Agreement, then Recipient shall click the "Decline" button and Recipient shall not receive any rights from the Contributors nor shall Recipient download any Contributions, Accellera Documentation or Accellera Releases.

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This Agreement represents the complete agreement concerning the subject matter hereof and supersedes all prior agreements or representations, oral or written, regarding the subject matter hereof. If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable. This Agreement shall be executed in multiple counterparts (either electronically and/or on paper), each of which shall be deemed to be an original, but all of which shall be one and the same Agreement. A facsimile or other copy of the Agreement shall have the same force and effect as an originally executed copy thereof.

This Agreement is governed by the laws of California, without reference to conflict of laws principles. Each party waives its rights to a jury trial in any resulting litigation. Any litigation relating to this Agreement shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, or the Santa Clara County Superior Court. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. The provisions of this Agreement shall be construed fairly in accordance with its terms and no rules of construction for or against either party shall be applied in the interpreting this Agreement. Recipient shall not use any Contribution, Accellera Documentation or Accellera Release in violation of local and other applicable laws including, but not limited to, the export control laws of the United States.

<Signature page follows>

| IN WITNESS WHEREOF, duly authorized representative | es of the parties have executed | and delivered this |
|---|---------------------------------|--------------------|
| Agreement as of the later of the dates set forth below. | | |

| RECIPIENT: |
|-------------------------------|
| |
| |
| By: |
| |
| Name: |
| Its: |
| |
| Date: |
| |
| ACCELLERA SYSTEMS INITIATIVE: |
| By: |
| |
| Name: |
| Τ. |
| Its: |
| Date: |

EXHIBIT A

List of Contributions as of July 13, 2006

| Number | Contribution | |
|--------|--|--|
| 1. | Updated TLM Proposal | |
| 2. | TLM Extensions | |
| 3. | Abstract titled "Transaction Level Modeling in SystemC" | |
| 4. | Code and related material entitled "SCE-API Example - Standard Co-emulation APO v1.8 Spec and Routed Example" | |
| 5. | Code and related material entitled "Simplebus v2.2 Example for SystemC v2.0. | |
| 6. | Code and related material entitled "SystemC Generic Transaction Level Communication Channel." | |
| 7. | Review of TLM API code and related documents. | |
| 8. | SystemC Verification Library version 1.0; versions 1.1, 1.2, 2.0, 2.0.1 of the SystemC modeling language as released by Accellera and which are, or were, available for download on the website prior to the agreement; version 2.1 (beta 11) of the SystemC modeling language to be released and made available by Open SystemC Initiative for download on the website. | |
| 9. | Code and related material entitled "System Design with SystemC Examples." | |
| 10. | Presentation document titled "Towards a SystemC Transaction Level Modeling Standard," dated June 2004; presentation document titled "TLM Extensions," dated April 2004; presentation document titled "Updated TLM Proposal," dated March 29, 2004; abstract titled "Transaction Level Modeling in System C." | |
| 11. | Code and related material entitled "MP3 Decoder Example plus Performance Benchmark." | |
| 12. | SystemC October 12 Library. | |
| 13. | Source code modifications to the SystemC Library embodied in the October 12, 2004 kit (system_2_z_lib.oct_12_2004.tgz). Source code modifications to the SystemC Regression Test Suite embodied in the October 12, 2004 kit | |
| | (systemc_2_1_tests.oct_12_2004.tgz). | |
| 14. | Synthesizable Subset 1.0. | |
| 15. | TLM Contribution (Presentation documents; abstract; code; proposal dated 3/24/04). | |
| 16. | Updated version of TLM kit | |
| 17. | Code and related material "2.1 Beta Regression Tests" | |
| 18. | Code and related material "OSCI SystemC 2.1 Beta" | |

| Number | Contribution |
|--------|---|
| 19. | SystemC 2.1 |
| 20. | Assorted recommendations for enhancements, bug fixes and improved cross-platform support, including project files for Microsoft Visual C++ versions 6.0 and 7.1 that are contained within the files systemc-2.1.05may05.tgz and systemc_tests-2.105may05.tgz. |
| 21. | Minor modifications incorporated in SystemC 2.1 open source implementation dated July 14, 2005 to permit port to Microsoft VC++ Version 7. |
| 22. | Numerous modifications incorporated in SystemC 2.1 open source implementation dated July 14, 2005. |
| 23. | A collection of interfaces and implementations in SystemC for analysis objects. A collection of interfaces and implementations in SystemC for configuring components in a design. |
| 24. | Modifications to the most recent version of SCV which allow it to run under the SystemC-2.1v1 kit. |
| 25. | Set of header files intended to be included in the SystemC TLM Modeling library code. The API provides for 1 interfaces: (a) "Atom at once (Variously called BA, PVT, CC) in which a single atom is transported at once. |
| 26. | Modifications included in SystemC 2.2 library labeled "systemc-2.2.04feb06.tgz;" Modifications included in SystemC 2.2 test suites labeled "systemc_tests-2.2.04feb06.tgz." |
| 27. | Modifications to the SystemC 2.2 library to enable the port to gcc version 4; Addition of compliance_1666 tests to the SystemC 2.2 regression test suite. |
| 28. | OSCI_TL3_2006_03_01.zip, including any updates of any of the foregoing, and OSCI_SCML_Memory_and_Bitfield_2006_03_01.zip, including any updates of any of the foregoing. |
| 29. | C++/SystemC Code for Mentor's SMI System PVT channel implementation; An example of a protocol specific SystemC PVT channel implementation; Design examples using the above channel models; A white-paper describing the channel implementations. |

EXHIBIT B

Form of Description of Contributions

| A. | Description of Contributions | |
|----|-------------------------------------|---|
| | 1. | |
| | | |
| | 2. | |
| | | The undersigned hereby makes the Contributions described above pursuant to the term, conditions and limitations of the SystemC License. |
| | | |
| | | By: |
| | | Name: |
| | | Its: |
| | | Date: |
| | | Address: |
| | | |
| | | Tel: |
| | | Fax: |

Email:

EXHIBIT C

Contribution Questionnaire

| Contribution Number (see Exhibit B): |
|--|
| Date: |
| 1. Is Contributor a member of Accellera Systems Initiative? |
| □ Yes □ No |
| If Contributor is a member of Accellera Systems Initiative, please indicate Contributor's membership status and complete questions 2 or 3 (as applicable): |
| ☐ Corporate Member ☐ Associate Member |
| If Contributor is not a member of Accellera Systems Initiative, please skip questions 2 and 3 and go to question 4. |
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| Name: |
| Title: |
| Address: |
| |
| Phone: |
| Fax: |
| Email: |

| If the Contributor is a natural person, please indicate the name and and the title of the position held at such employer: | address of Contributor's employer |
|--|-----------------------------------|
| Name of Employer: | - |
| Title with such Employer: | - |
| Address: | - |
| | - |
| Phone: | - |
| Fax: | - |
| Email: | - |
| If Contributor is an entity (corporation, limited liability company, parname, title, and contact information for the person making this Contribution | <u> </u> |
| Entity Name: | - |
| Name: | - |
| Title: | - |
| Address: | - |
| Phone: | - |
| Fax: | - |
| | |

3. If Contributor is not a member of Accellera Systems Initiative, then please complete the following:

EXHIBIT D

Trademark Usage Policy

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- 2. Open SystemC Initiative
- 3. OSCI
- 4. SystemC
- 5. SystemC Initiative
- 6. All logos that incorporate the foregoing word marks

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The SystemC[®] software
The OSCI[®] LRM

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The Marks generally function as trademarks rather than service marks. Unless you are specifically directed otherwise, please use the ® symbol after the Marks.

Where Do I Place the ® Symbol?

The ® symbol is placed immediately after the mark, either in superscript or subscript.

When Do I Use the Symbol?

The ® symbol is to be used after the Marks in the following instances:

Most Prominent Uses: A ® symbol is required after prominent uses of the Marks, e.g., in the headlines and large print text of web pages, advertisements, other promotional materials and press releases, except where space limitations or specific style considerations prevent compliance with this requirement.

First Use in Text: A ® symbol is required after the first use of each Mark in text, e.g. advertising copy or the body of press releases, even though the symbol may have already appeared in the headline or after another prominent use of the mark in the same document.

All Logos: The ® symbol must appear after all logos incorporating the Marks.

IV. LEGENDS

All Marks that appear on a web page or in a press release, advertisement or other written material (whether in print or electronic form) must be attributed in an appropriate legend. The legend may be presented in "mouseprint" but must be large enough to be read easily. Legends generally appear at the end of a document or the bottom of a web page but may be placed elsewhere, e.g. the inside covers of documentation.

The Accellera Systems Initiative Legend: The following legend should be used in all materials in which any of the Marks appear:

[Insert the Marks] are trademarks or registered trademarks of Accellera Systems Initiative, Inc. in the United States and other countries and are used with permission.

V. MARKS NEVER COMBINED

The Marks should never be combined with the marks of any business other than Accellera. The Marks should always appear visually separate from any other marks appearing in the same materials such that each mark creates a distinct commercial impression. It would, for instance, not be appropriate to superimpose the logo of another business over any Accellera logo.

VI. LOGOS

Logos incorporating the Marks can only be used in the format provided to you by Accellera for incorporation into your materials or web pages. The logos provided to you by Accellera cannot be modified in any way without Accellera's prior written approval. Logos copied from Accellera web pages or other materials may not to be used. Please contact info@accellera.org to obtain electronic files containing the Accellera logos and to ask any question regarding the logos.