

RISC-V INTERNATIONAL ASSOCIATION
ASSOCIATION INTERNAL REGULATIONS

The following internal regulations for RISC-V International Association (“Association”) are hereby adopted by the Board of Directors effective March 10, 2020 (“Effective Date”) (as the same may be amended or superseded or supplemented from time to time, the “Regulations”). These Regulations shall supplement the RISC-V International Association Articles of Association dated March 6, 2020 (“Articles”) and shall be binding pari passu with the Articles on the Association, the Board of Directors and Members of the Association, and all other relevant persons and entities, as further provided herein:

ARTICLE 1 - DIRECTORS

- (1) As provided by the Articles, the Board of Directors (“Board of Directors” or “Board”) shall be comprised of the number of directors equal to then current number of Premier BD Members as of the relevant date of determination plus at least six (6) additional directors (collectively, “Directors”). One (1) of the directors shall be designated as the Community Director; one (1) of the directors shall be designated as the Academic Director; three (3) of the directors shall be designated as the Strategic Directors; and the remaining directors shall be designated as the Premier BD Directors. All directorships shall be voting.
- (2) In addition to the members of the Board of Directors enumerated in Section 1 above, the initial Board of Directors of the Association shall also include all of the directors of RISC-V Foundation, a US Delaware nonstock corporation (“RISC-V US”), as determined immediately prior to the date of the formation of this Association (“US Directors”). The US Directors shall be counted in the same manner as the other directors of this Association. Each of the US Directors shall serve as a director of this Association by virtue of this subsection for a time period equal to the earlier of (i) the expiration of his or current term as a director of RISC-V US (without any extension or renewal), or (ii) the event of his or her earlier death, incapacitation or resignation, whichever is the earliest (“Termination Event”). Upon the Termination Event, the directorship for such US Director shall permanently terminate and the number of authorized directors of this Association shall be reduced accordingly, provided that such individual shall be eligible at any time to be elected as a regular member of the Board of Directors in his or her own right representing a class or series of Members.
- (3) Each Director other than the US Directors shall hold office for the term set forth in the Articles. A Director other than a US Director may succeed himself or herself in office.

- (4) Each Director (including the US Directors) by virtue of and as of the date of his or her election or appointment to the Board of Directors hereby accepts and agrees to all of the terms and conditions of these Regulations.
- (5) In the event that the Association also is required to have a Swiss resident director under Swiss law or for Swiss tax purposes, the Board of Directors in its sole determination may establish a Swiss resident directorship (“Swiss Director”) and nominate and elect the Swiss Director by the affirmative vote of a majority of the members of the Board of Directors then in office. Any Swiss Director may be removed with or without cause (as defined under Swiss law) and replaced by the affirmative vote of a majority of the members of the Board of Directors then in office.

ARTICLE 2 - MEMBERS

- (1) The Association shall have members as defined in the Articles (“Members”) holding memberships as provided in the Articles and these Regulations (“Memberships”). Members shall not have any ownership interest in or right to possess any of the assets of the Association. No Membership classes shall have any voting rights with respect to the Association or its purposes or affairs, other than as expressly provided in the Articles or these Regulations.
- (2) The Association may issue Memberships in the Association to any persons or entities that (i) enter into and are current parties to the RISC-V Membership Agreement then in force (“Membership Agreement”) and (ii) agree to be bound by the Articles and these Regulations including all fee obligations. Any expiration or termination of the Membership Agreement of a Member shall be deemed an automatic termination of the Membership of such Member without the further action of the Board of Directors or any other person or entity. Notwithstanding any contrary provision of the Articles or these Regulations, no Affiliate of any individual Member shall be eligible to be or shall be a Member of the Association at any time, other than any Affiliate that independently joins the Association as a Member in its own right.
- (3) As provided in the Articles, there shall be three (3) classes of Memberships. In addition to its other rights and powers under these Regulations, the Board of Directors of Association may establish fees or charges for participation in meetings or for other benefits of Membership from time to time.
- (4) The first class of Membership shall be the Premier Members (“Premier Members” or “Premier Membership”). The following terms shall govern the Premier Members:
 - (A) Premier Membership shall be open to any type of legal entity, but shall not be open to individuals. To be eligible a Premier Member must enter into and be a current party to the RISC-V Membership Agreement then in force which designates such Member as a Premier Member and must be in

full compliance with the terms of such Membership and the terms of these Regulations then in force.

(B) There will be two series of Members within the Premier Membership class, designated as “Premier BD Members” and “Premier Standard Members”. Premier BD Members shall pay an annual Membership fee to the Association of no less than Two Hundred Fifty Thousand Dollars (USD \$250,000), which may be adjusted by the action of the Board of Directors from time to time. Premier Standard Members shall pay an annual Membership fee to the Association of One Hundred Thousand Dollars (USD \$100,000), which also may be adjusted by the action of the Board of Directors from time to time. Except as otherwise stated in this Article 1, all Premier Members shall have the same rights and privileges.

(C) Each Premier BD Member shall be entitled to elect one (1) Premier BD Director as its representative on the Board of Directors by written notice to the Board of Directors. Such Director may be removed with or without cause and replaced with a successor Premier BD Director elected by subsequent written notice of the Premier BD Member to the Board of Directors. If and when the Premier BD Member ceases to hold its Premier BD Membership, the subject Premier BD Director shall be deemed removed from the Board of Directors automatically as of the termination of the Premier BD Membership of the Premier Member without the further action of the Board of Directors or any other person or entity.

(D) Premier Standard Member shall not have the right to elect their own directors but shall have the right to participate in the nomination of Strategic Directors as provided below.

(E) Each Premier Member shall be entitled to appoint one (1) representative or his or her successor to each of the main Technical Steering Committee and any other Technical Committee or subcommittee or other Member working groups then maintained by the Association, provided that an employee or other representative of such Premier Member is not already then serving on such Technical Committee or subcommittee or working group. If and when the Premier Member ceases to hold its Premier Membership, its representatives shall be deemed removed from the Technical Steering Committee and any other Technical Committee, subcommittee and other Member working groups of the Association automatically as of the termination of the Premier Membership of the Premier Member, without the further action of the Board of Directors or any other person or entity.

- (5) The second class of Membership shall be the Strategic Members (“Strategic Members” or “Strategic Membership”). The following terms shall govern the Strategic Members:

(A) Strategic Membership shall be open to any type of legal entity, but shall not be open to individuals. To be eligible a Strategic Member must enter into and be a current party to the RISC-V Membership Agreement then in force which designates such Member as a Strategic Member and must be in full compliance with the terms of such Membership and the terms of these Regulations then in force.

(B) Strategic Members shall pay an annual Membership fee to the Association based on the combined number of employees of the Strategic Member and its Affiliates as of the relevant date of determination: (i) an annual Membership fee of Thirty-Five Thousand Dollars (USD \$35,000) for Members with Five Thousand (5,000) or more employees; (ii) an annual Membership fee of Fifteen Thousand Dollars (USD \$15,000) for Members with more than Five Hundred (500) employees and less than Five Thousand (5,000) employees; and (iii) an annual Membership fee of Five Thousand Dollars (USD \$5,000) for Members with less than Five Hundred (500) employees; which in each case may be adjusted by the action of the Board of Directors from time to time.

(C) The Strategic Members and the Premier Standard Members voting together as a single class shall be entitled to elect three (3) Strategic Directors as their representatives on the Board of Directors by the process of polling of such Members as follows:

(i) The Board of Directors shall fix a date for the nomination of the three (3) Strategic Directors at least (60) calendar days prior to the relevant date for election and at that time shall provide a written notice to all Strategic Directors and Premier Standard Directors which shall solicit nominations for such directors (“Initial Notice of Solicitation”);

(ii) Each Strategic Member and each Premier Standard Member shall have the right to initially nominate one (1) person to serve as a Strategic Director (“primary nominations”);

(iii) All primary nominations for Strategic Director shall be in writing and shall be delivered to the Association within thirty (30) calendar days following the date of the Initial Notice of Solicitation. Any primary nominations delivered after the thirty-day deadline shall not be valid;

(iv) The list of the primary nominations shall be promptly compiled by the Association and a second written notice shall be provided by the Association to all Strategic Members and all Premier Standard Members including a written ballot listing all of the primary nominees and permitting the entry of a vote for the election of the nominees (“Final Notice of Solicitation”);

(v) All written ballots must be returned to the Association within thirty (30) calendar days following the date of the Final Notice of Solicitation. Any ballots delivered after the thirty-day deadline shall not be valid;

(vi) The three (3) nominees receiving the highest number of votes in the ballots in this election process shall be deemed to have been elected as the Strategic Directors. In the event of a tie, the election of the relevant director nominee(s) shall be decided by the Board of Directors.

(D) In the event of the resignation or removal or death of a Strategic Director during his or her term or if the Strategic Director is unwilling or unable to serve, the person who received the next highest number of votes under this election process and is willing to serve shall be deemed to be elected as the replacement Strategic Director for such term. In the event no elected person is willing to serve, the Board of Directors may elect a replacement Strategic Director for such term.

(E) Strategic Member representatives shall be eligible to chair or serve on any Technical Committee and subcommittee of such Committee or other Member working groups then maintained by the Association, with all appointments to be approved by the Board of Directors or its delegate in its sole judgment.

(F) Any Strategic Director may be removed with or without cause (as defined by Swiss law) by the affirmative vote of a majority of the Members of record of the classes of Members with the right to vote for the Strategic Director, voting as a single class.

(6) The third class of Membership shall be the Community Members (“Community Members” or “Community Membership”). The following terms shall govern the Community Members:

(A) Community Membership shall be open to any type of non-profit legal entity and to individuals.

(B) Community Members shall not be required to pay an annual fee but must enter into and be a current party to the RISC-V Membership Agreement then in force which designates such Member as a Community Member and must be in full compliance with the terms of such Membership and the terms of these Regulations then in force.

(C) The Community Members as a class shall be entitled to elect one (1) Community Director and one (1) Academic Director as their representatives on the Board of Directors by the process of polling such Members as follows:

(i) No one person can serve as both the Academic Director and Community Director at the same time;

(ii) The Board of Directors shall fix a record date for the designation of Community Director and the Academic Director respectively at least sixty (60) days prior to the relevant designation date and at that time shall provide a written notice to all Community Directors which shall solicit nominations for such directors (“Notice of Solicitation”);

(iii) Any Community Member shall have the right to nominate up to one (1) Community Director and one (1) Academic Director respectively;

(iv) Any person may be nominated as the Community Director. Only then current members of the faculty of an established university are eligible to be nominated as the Academic Director;

(v) All nominations by the Community Members shall be in writing and shall be delivered to the Association within thirty (30) days following the date of the Notice of Solicitation. Any nominations delivered after the thirty-day deadline shall not be valid;

(vi) The list of the primary nominations shall be promptly compiled by the Association and a second written notice shall be provided by the Association to all Community Members including a written ballot listing all of the nominees and permitting the entry of a vote for the election of the nominees (“Final Notice of Solicitation”);

(vii) All written ballots must be returned to the Association within thirty (30) calendar days following the date of the Final Notice of Solicitation. Any ballots delivered after the thirty-day deadline shall not be valid;

(viii) The person receiving the highest number of votes as the Community Director under this election process and willing to serve shall be deemed to have been elected as the Community Director, and the person receiving the highest number of votes as the Academic Director under this process and both qualified and willing and able to serve shall be deemed to have been elected as the Academic Director. In the event of a tie, the election of the relevant director nominee(s) shall be decided by the Board of Directors.

(D) In the event of the resignation or removal or death of the Community Director or the Academic Director during his or her term or if the elected Director is unwilling to serve, the person who received the next highest number of votes under this election process for such category of director and is willing to serve shall be deemed to be elected as the replacement Director

for such term. In the event no nominated person is willing to serve, the Board of Directors may elect a replacement Director for such term.

(E) The Community Director and/or the Academic Director may be removed with or without cause (as defined under Swiss law) by the affirmative vote of the Members of record with the right to vote to elect the Community Director or the Academic Director (as the case may be), voting as a single class.

(F) Community Members may serve on any Technical Committee or subcommittee of such Committee or on any other Member working groups if then maintained by the Association, with all appointments to be approved by the Board of Directors or its delegate in its sole judgment.

- (7) No Member may be represented by more than one (1) member of the Board of Directors in any class or category of directorship.
- (8) In the case of the absence of a Director from any meeting of the Board of Directors, the Director may appoint a representative to attend such meeting as a nonvoting board observer. The appointment of a board observer shall be noticed in writing to the Association at least forty-eight (48) hours prior to the time of the meeting. The representative shall have no right to vote or to receive any separate notices concerning the meeting. In connection with such attendance, the Association shall provide such representative with copies of minutes and other materials that it provides to its Directors for the subject meeting; provided however that such representative shall agree to hold in confidence and trust and to act in a fiduciary manner with respect to all information so provided; and provided further that the Association reserves the right to withhold any specific information and to exclude such representative from any specific meeting or portion thereof, in each case in the reasonable discretion of the Association.

ARTICLE 3 - TECHNICAL COMMITTEES

- (1) The Association shall have main Technical Steering Committee which makes recommendations to the Board of Directors and has jurisdiction over all other Technical Committees or subcommittees or other Member working groups of the Association.
- (2) Subject to the express provisions of Article 2 of these Regulations regarding the rights of certain classes of Members to serve, the Board of Directors shall have the sole authority to establish and appoint all technical committees (“Technical Committees”) to (i) receive submissions or other disclosures of any technical information, concepts, proposed designs or improvements, recommendations, comments and other materials by a Member with respect to the RISC-V ISA, (ii) develop and release versions of the Specifications for the RISC-V ISA or any part thereof, and (iii) perform related activities in furtherance of the purposes of the Association. Such Technical Committee

may have subcommittees. The Board of Directors also may establish and appoint other working groups from time to time with respect to the purposes of the Association.

- (3) The Board of Directors may adopt rules and additional regulations from time to time pertaining to the appointment and conduct of the Technical Committees and any subcommittees and other working groups.

ARTICLE 4 OFFICERS

- (1) The officers of the Association shall include, at a minimum, a Chair, Vice Chair, Secretary and Treasurer. Only members of the Board shall be eligible to be elected to serve as the Chair, Vice Chair, Secretary and Treasurer.

- (2) Officer Terms.

- (A) Each officer shall serve for a term of one (1) year, and until his or her successor is duly appointed and qualified, or until his or her earlier death, resignation or removal or until he or she ceases to be a Director.

- (B) Officers may be reelected and succeed themselves in office for one or more additional terms.

- (C) All officers shall serve at the pleasure of the Board of Directors, and may be removed, with or without cause, by the Board.

- (D) Any officer may resign at any time by giving written notice to the Chair or the Board of Directors. An officer's resignation shall take effect at the time specified in the notice of resignation, and, unless otherwise specified in said notice, acceptance shall not be necessary to make such resignation effective. If no effective date is specified in the notice, resignation shall be effective upon delivery of the notice.

- (E) A vacancy in any officer position by reason of death, resignation, removal or otherwise may be filled by the Board for the remaining unexpired portion of the term of such officer.

- (3) Officer Duties.

- (A) The Chair shall preside over meetings of the Board of Directors, submit minutes for Board approval, and perform such additional duties as may be determined by the Board.

- (B) The Vice Chair, in the absence of a Chair, or in the event of the Chair's inability or refusal to act, shall perform all the duties of the Chair, and when so acting shall have all the powers of, and be subject to all the restrictions on, the Chair.

- (C) The Treasurer shall assist in the preparation of budgets for Board approval, monitor expenses against the budget and authorize expenditures approved in the budget, and perform such additional duties as may be determined by the Board and as are customarily incidental to the office of Treasurer. The Treasurer shall have the authority to authorize and approve expenditures by the Association in furtherance of the purposes of the Association, consistent with the Articles and these Regulations and the budget approved by the Board, of up to and including CHF 10 000,¹ either individually or in the aggregate to the same payee in a single fiscal year of the Association. Payments in excess of CHF 10 000, either individually or in the aggregate to the same payee in a single fiscal year of the Association, shall require approval by the Board, unless expressly authorized in the budget approved by the Board.
- (D) The Secretary shall perform such duties as may be determined by the Board and as are customarily incidental to the office of Secretary.

ARTICLE 5 - INTELLECTUAL PROPERTY LICENSES

- (1) In addition to its other rights and obligations under these Regulations, the Association and each Member and any applicable Affiliates shall be subject to the terms and conditions set forth in Appendix A of these Regulations (Intellectual Property Licenses) as these same may be amended or superseded or supplemented from time to time ("Appendix A").
- (2) Appendix A including its schedules shall be an integral part of these Regulations for all purposes and all of the terms and conditions of Appendix A as then may be constituted are incorporated by reference into the main body of these Regulations as if fully stated here.

ARTICLE 6 - OTHER MEMBERSHIP TERMS

- (1) During the term of its membership in the Association, a Member is expected to support the free and open design, development and improvement of the RISC-V ISA, together with its software and hardware ecosystem for use in all computing devices.
- (2) A Member may publicly disclose that it is a member of the Association during the term of its Membership. However, the Member may not identify any product or service as being sanctioned by, sponsored by or authorized by the Association or the RISC-V ISA unless in accordance with policies and procedures which may be established by the Association from time to time. The Association has the right to include Member's name in any lists of Members published by the Association and to announce that Member is a member of the Association.

- (3) A Member will bear its own costs and expenses for its participation in the Association, including but not limited to travel, employee compensation, and incidental expenses.

ARTICLE 7 - COMPETITION AND ANTI-TRUST LAWS

- (1) A Member at all times shall comply with all applicable competition, antitrust and other unfair competition laws in any applicable jurisdiction (collectively, “Competition Laws”) pertaining to Member’s participation in the Association, in the design, development and improvement of the RISC-V ISA, and in any other matters or transactions relating to the RISC-V ISA. Without limiting and in addition to the foregoing, a Member further shall fully comply at all times with remaining provisions of this Article 7 and any additional or supplemental Regulations or policies of the Association adopted from time to time by the Board of Directors of the Association. Nothing in these Regulations or such policies will be construed to require or permit conduct that violates any Competition Laws.
- (2) In this connection each Member acknowledges by virtue of its becoming a Member that the Association and its Members are committed to fostering competition in the development of new products and services and that the specifications of the RISC-V ISA are intended to promote such competition. Each Member further acknowledges that Members may compete with one another in various lines of business and that it is therefore imperative that each Member and its representatives act in a manner that does not violate any Competition Laws. Without limiting the generality of the foregoing, each Member acknowledges and agrees that Members that are or may be competitors shall not discuss issues relating to absolute or particular product costs, product pricing, methods or channels of product distribution, any division of markets, or allocation of customers or any other subject that would be prohibited by applicable Competition Laws. Each Member hereby assumes responsibility to provide appropriate legal counsel to its representatives acting according to these Regulations regarding the importance of limiting their discussions to subjects that relate to the purposes of the Association and that are not restricted by Competition Laws, whether or not such discussions take place during formal meetings, informal gatherings, or otherwise.

ARTICLE 8 - AMENDMENT

- (1) Notwithstanding any contrary provision of these Regulations, the Board of Directors may amend or supersede or supplement these Regulations (including but not limited to Appendix A) in whole or in part at any time in its sole judgment and without the consent of the Members or any class of Members or individual Members, by the affirmative vote of at least Eighty Percent (80%) of the members of the Board of Directors then in office (each an “Amendment”). All Amendments to these Regulations shall be effective thirty (30) calendar days after general notice of the Amendment by the

Association to the Members by email or other form of electronic transmission, or by posting notice of the Amendment on the main webpage maintained by the Association which contains these Regulations as then constituted. The continuation by the Member of their Membership following the effective date of the Amendment shall be deemed to be the legally binding acceptance of the Amendment by the Member.

ARTICLE 9 - INTERPRETATION

- (1) The headings in these Regulations (including but not limited to Appendix A) are for ease of reference only and do not affect its construction or interpretation. When the context requires, the plural shall include the singular and the singular the plural, and any gender shall include any and all other genders. Notwithstanding any contrary provision of these Regulations, whenever the words "include," "includes" or "including" or any other variation are used in this Agreement, such words shall be deemed, unless the context otherwise requires, to be followed by the words "without limitation." The English language version of these Regulations (including but not limited to Appendix A) shall prevail. In the event of any conflict between the Articles and these Regulations, the provisions of the Articles shall prevail; and in the event of any conflict between the Articles or these Regulations and any .

ARTICLE 10 - NOTICE.

- (1) Whenever, under the provisions of the Articles or these Regulations, any notice, demand or other communication of any nature (including the exercise and delivery of any ballot) (collectively "notice") is required or permitted to be given to any person or entity, such notice shall be given in writing and may be delivered by personal delivery or courier, prepaid mail, or by electronic mail or other form of electronic transmission, or where applicable by posting such notice on the main webpage maintained or designated by the Association for such purpose. Notice shall be delivered to the address designated by the recipient for notice, and shall be effective upon actual delivery in the case of a physical notice, or upon transmission of an email or other electronic transmission, or upon posting (as the case may be). Any person or entity may waive any notice required to be given by statute or under the Articles or these Regulations.

ARTICLE 11 - GOVERNING LAW

- (1) These Regulations and all matters or disputes arising from or relating to or in connection with these Regulations (including but not limited to Appendix A) shall be governed by and construed under, and the legal relations among the parties will be determined in accordance with, the laws of Switzerland, excluding conflicts of law or similar principles that would cause the application of the laws of any other jurisdiction.

APPENDIX A - INTELLECTUAL PROPERTY LICENSES

1. Technical Contributions.

1.1 “Contribution” means the written or oral or graphical submission or disclosure of any technical information, concepts, designs or improvements, recommendations, comments or other materials by a Member to any Technical Committee or subcommittee or other working group with respect to the RISC-V ISA, including any submission or disclosure or confirmation by email or text or posting on any website or server or other electronic transmission. Unless otherwise provided to the contrary by the express written resolution of the Board of Directors in the case of a particular Technical Committee or subcommittee or other working group or project, no Contributions by a Member or its Affiliates or its or their representative shall be considered to be confidential for any purpose and neither the Member nor its Affiliate shall make any claim of confidentiality or nondisclosure with respect to any Contribution.

1.2 No Member is required to make any Contributions to the Association whether on behalf of itself or its Affiliates. The Member acknowledges that the Association including any Technical Committee or subcommittee or other working group is not required to incorporate the Contribution or any part thereof into the RISC-V ISA. Member represents and warrants that to the best of its knowledge Member has the necessary rights to provide its Contributions to Association if, as and when provided. All Contributions made by Member shall be subject to the Licenses and the other provisions of this Appendix A except to the extent they are Excluded Matters pursuant to Section 10 of this Appendix.

1.3 The Member further agrees on behalf of itself and its Affiliates that by virtue of its participation in any Technical Committee or subcommittee or other working group of the Association, any and all Intellectual Property Rights created as or by the collective work of such committee or subcommittee or working group (including without limitation the Specifications) (“Collective Development”) shall exclusively belong to and be owned by the Association, and such Member for itself and its Affiliates hereby assigns and agrees to assign such Rights to the Association in the Collective Development. The Member on behalf of itself and its Affiliates hereby waives any claims for profit sharing they might have with respect to the exploitation of any such Rights in the Collective Development pursuant to the applicable law.

2. Grant of Core License to Association.

2.1 In the event a Member makes a Contribution to the Association, Member on behalf of itself and its Affiliates agrees to and hereby grants to Association and its successors and permitted assigns a non-exclusive, perpetual, irrevocable, fully paid-up, royalty-free, non-transferable (other than as provided by Section 11 of this Appendix), non-assignable (other than as provided by Section 11 of this Appendix) and sublicensable right and license throughout the universe to

make, have made, use, sell, have sold, offer to sell, import, distribute and/or otherwise dispose of or exploit (directly and indirectly through intermediaries and without any obligation of accounting) any and all implementations of the RISC-V ISA, in each case solely under (i) any and all Necessary Claims now or in the future which cover any part of a Contribution of the Member or any Affiliate thereof which is incorporated into the applicable Specifications, and (ii) any and all other Contributions of the Member or any Affiliate thereof (including any Trade Secrets constituting part of such Contribution) which are incorporated into the applicable Specifications (the "Core License"); provided however that (a) this Core License grant shall not be applicable to any Contributions by Member which have been excluded by Member as an Excluded Matter solely provided by and in compliance with Section 10 of this Appendix, and (b) this Core License does not extend to any part or function of a product or technology or any combination in which a Compliant Portion is incorporated but that is not itself part of the Compliant Portion.

2.2 Without limiting the generality of the foregoing, the Association may grant sublicenses under the Core License, Copyright License and Software License (collectively, the "Licenses") in one or more tiers (i) pursuant to this Appendix A and/or (ii) pursuant to any other license or similar agreement(s) as may be approved by the Board of Directors from time to time.

3. Grant of Copyright License to Association; Other Terms.

3.1 The Member on behalf of itself and its Affiliates further agrees to and hereby grants to the Association and its successors and permitted assigns a non-exclusive, perpetual, irrevocable, fully paid-up, royalty-free, non-transferable (other than as provided by Section 11 of this Appendix), non-assignable (other than as provided by Section 11 of this Appendix) and sublicensable right and license throughout the universe to copy, reproduce, distribute, display, perform (whether publicly or otherwise), prepare derivative works from, improve, modify, adapt and/or otherwise exploit any copyrightable matter, materials or other works constituting part of the Contribution made by Member and incorporated into a Specification (the "Copyright License"), other than any Source Code or Object Code covered by Section 4 hereof; provided however that this Copyright License grant shall not be applicable to any Contribution by the Member which has been excluded by Member as an Excluded Matter solely as provided by and in compliance with Section 10 of this Appendix. For the avoidance of doubt, the Copyright License does not include any license or immunity of any kind under any Patents.

3.2 The Member on behalf of itself and its Affiliates further agrees to and hereby does unconditionally and irrevocably waive and agree to not enforce against the Association or any other Member or its Affiliates or any licensee or sublicensee of any of the Licenses granted to the Association hereunder any moral rights or similar rights that any of Member or any Affiliate may have in any Contribution made by Member or any Affiliate and incorporated into the RISC-V ISA or any Specification thereof, other than a Contribution that is excluded as solely provided by and in strict compliance with Section 10 of this Appendix A. The Member undertakes and also

ensures that the Affiliates undertake to obtain from their employees, contractors and any other third parties who participated in the creation of a Contribution a waiver to not enforce any moral rights or similar rights that they may have in the Contribution.

3.3 Without limiting the generality of Section 1.3 of this Appendix, the Member further agrees on behalf of itself and its Affiliates that any and all Copyrights in any Collective Development shall exclusively belong to and be owned by the Association, and such Member for itself and its Affiliates hereby assigns and agrees to assign such Rights to the Association in the Collective Development. The Member on behalf of itself and its Affiliates hereby waives any claims for profit sharing they might have with respect to the exploitation of Copyrights in any such Collective Development pursuant to the applicable law.

3.4 The Member agrees on behalf of itself and its Affiliates to execute and deliver any additional documentation (if any) required by the Association and to otherwise cooperate with the Association to perfect and confirm all rights and licenses granted to the Association under this Appendix A.

4. Grant of Software License to Association. The Member on behalf of itself and its Affiliates further agrees to and hereby grants to the Association a non-exclusive, perpetual, irrevocable, fully paid-up, royalty-free, non-transferable (except as provided by Section 11), non-assignable (except as provided by Section 11) and sublicensable right and license throughout the universe to use copy, reproduce, distribute, display, perform (whether publicly or otherwise), prepare derivative works from, improve, modify, adapt and/or otherwise exploit each and all of (i) any computer source code ("Source Code") which is part of the Contribution made by Member or its Affiliate and (ii) any machine-readable or object code compiled or derived from any of the Source Code ("Object Code") (the foregoing the "Software License"), provided that (1) such Software License shall be subject to the further terms and conditions set forth in the attached Schedule 2 to this Appendix and (2) this Software License grant shall not be applicable to any Contribution by Member which has been excluded by Member as an Excluded Matter solely provided by and in strict compliance with Section 10 hereof. For the avoidance of doubt, the Software License does not include any license or immunity of any kind under any Patents. For the avoidance of doubt, the Software License does not include any license or immunity of any kind under any Patents. Without limiting the generality of Section 1.3 of this Appendix, the Member further agrees on behalf of itself and its Affiliates that any and all rights in any Source Code or Object Code constituting part of the Collective Development shall exclusively belong to and be owned by the Association, such Member for itself and its Affiliates hereby assigns and agrees to assign such rights to the Association in such Collective Development. The Member on behalf of itself and its Affiliates hereby waives any claims for profit sharing they might have with respect to the exploitation of any rights in any such Collective Development pursuant to the applicable law.

5. Time of Grant. The grant of the Copyright License, the Software License, and the Core License by Member and/or its Affiliates to Association hereunder will be automatic and effective in each case without any further action by any person or entity

on the first day following the expiration of the applicable exclusion period, to the extent the Member has not excluded the pertinent Contribution as an Excluded Matter solely in accordance with Section 10 below.

6. Grant of RISC-V ISA License to Member.

6.1 Subject to the material compliance by the Member and any Affiliate with the terms and conditions of these Regulations including but not limited this Appendix A, the Association agrees to and hereby grants to the Member a non-exclusive, perpetual, fully paid-up, royalty-free, right and license throughout the universe, for so long as Member remains an Association Member, to use, make, have made, offer for sale, sell, export, import, practice, copy, reproduce, distribute, display and perform (whether publicly or otherwise), prepare derivative works from, improve, modify, adapt and/or otherwise exploit (directly and indirectly through intermediaries and with no obligation of accounting) any Compliant Portion (the "Member License").

6.2 The Member License granted to the Member in Section 6.1 may be freely assigned or transferred by the Member to (i) any of its Affiliates so long as its Affiliate becomes a Member of the Association and enters into a Membership Agreement prior to or as part of such assignment or transfer, or (ii) as an integral part of the merger or consolidation of Member with another entity or the sale or other transfer of all or substantially all of the assets of Member, so long as the surviving or transferee entity becomes a Member of the Association and enters into a Membership Agreement prior to or as part of such transaction.

6.3 The Member License granted to Member in Section 6.1 also may be sublicensed by the Member to any of its Affiliates (but only for so long as such Affiliate remains an Affiliate of such Member); provided however that notwithstanding any contrary provision of these Regulations including this Appendix, no individual Member shall have any right to sublicense the Member License to any Affiliate of such individual at any time for any purpose. Any sublicense by a Member to any Affiliate if otherwise permitted shall terminate automatically if the Affiliate ceases its affiliation with Member or if the Member License terminates.

6.4 The Member License granted to the Member in Section 6.1 also may be sublicensed by the Member or its Affiliates (if any) to service providers and subcontractors solely to the extent such sublicense is specifically granted for implementation or incorporation of the RISC-V ISA Specifications into a Compliant Portion by such Member or Affiliate (if any)..

6.5 Except as expressly provided in the foregoing subsections of this Section 6, the Member License otherwise is not assignable or transferable or delegable or sublicensable by the Member or any Affiliate or its successor or assign. Any such attempted assignment, transfer or delegation or sublicense shall be null and void. Without limiting the foregoing, the Member agrees and acknowledges that it has no right or power to engage in and that it will not directly or indirectly engage in

the wholesale or general redistribution of the RISC-V ISA Specifications or any right or license therein.

6.6 The Member License shall automatically terminate upon (i) any expiration or termination of the RISC-V Membership Agreement of the subject Member, or (ii) any material breach by the Member or its Affiliate of the terms and conditions of this Appendix A, not fully cured within thirty (30) days after written notice of breach by the Association to the Member, without the further action of the Board of Directors or any other person or entity.

7. No Suit or Proceeding.

7.1 The Member shall not, and shall ensure that any of its Affiliates and any sublicensees of Member or such Affiliates (collectively with the Member, "Claiming Member") do not, file, institute, voluntarily participate in or threaten in writing to bring (in the form of a cease and desist letter or otherwise) any litigation or other adversarial proceeding in any jurisdiction at any time against any of (i) the Association or any permitted sublicensee of the Association, or (ii) any other Member or its Affiliate or any permitted sublicensee or acquiror of any other Member, or (iii) any user of the RISC-V ISA who has entered into, is in compliance with, and is a licensee of the RISC-V ISA under an end user license agreement of the Association ("EULA") for the RISC-V ISA ("End User"), in which such Claiming Member alleges that any version or implementation or practice of the RISC-V ISA constitutes (a) infringement of any Necessary Claim to the extent incorporating or embodying or referencing any part of the Contribution of the Claiming Member or its Affiliate (other than Excluded Matters) or the Original Specifications or (b) an infringement or misappropriation of any other Intellectual Property Rights of the Claiming Member to the extent incorporating or embodying or referencing any part of the Contribution of such Claiming Member or the Original Specifications (in each case other than any Excluded Matters) (including a cross-claim or counterclaim in a legal action or other adversarial proceeding) (collectively "Claims"), unless (1) the Claiming Member retracts, dismisses or otherwise cures the making of such Claims within thirty (30) days of written notice from the Association, such other Member or sublicensee thereof, or End User (as applicable) referencing this Section 7 or (2) such Claim is made in the form of a defensive cross-claim or counterclaim solely in response and in defense of corresponding litigation or other adversarial proceedings first brought against such Claiming Member by an unaffiliated third party (other than the Association or its successor or permitted assigns) regarding the subject matter hereof (with the foregoing (1) and (2) collectively the "Excepted Claims").

7.2 In the case of any such Claims other than the Excepted Claims, and without limiting any other rights or remedies of the Association, (A) the Claiming Member and its Affiliates shall be deemed to be in material breach of the Membership Agreement and these Regulations, and (B) the Member License granted to the Claiming Member in Section 6 shall automatically terminate as to such Member and its Affiliates and any other sublicensee thereof without notice or the further action of the Association or any other person or entity.

8. Transfer of Intellectual Property Rights to Third Parties. Any transfer by the Member or any of its Affiliates to a third party of any Patent having Necessary Claims or any other Intellectual Property Rights attributable to any Contribution of the Member or any Affiliate shall be subject to the terms and conditions of these Regulations including but not limited to this Appendix A and including but not limited to the Licenses granted by Member or its Affiliates hereunder.

9. Survival. Notwithstanding any contrary provision of these Regulations (including but not limited to this Appendix A), all Licenses and other rights granted to the Association by the Member hereunder on its own behalf or on behalf of any Affiliate shall survive the expiration or termination of the Membership of the Member or the termination of the Member License and shall continue in full force and effect. The Licenses and other rights granted to the Association shall further survive and continue in full force and effect for the benefit of the Association in the event of any amendment, supersession or supplement of these Regulations including but not limited to this Appendix A.

10. Exclusions of Necessary Claims and Contributions. A Member may exclude any Contributions of the Member or any Affiliate in whole or in part from any of the Licenses granted to the Association under this Appendix A (collectively "Excluded Matters") by providing timely written notice of such intent to exclude the same to the Chair of the relevant Technical Committee and the chair of any relevant subcommittee ("Exclusion Notice") solely and strictly in accordance with the following procedures:

10.1 Draft Specifications. Specific Excluded Matters may be excluded by a Member only if that Member provides the required Exclusion Notice for such Excluded Matters to the required recipients within sixty (60) calendar days after the public release of any Draft Specification which incorporates or is otherwise subject to the Excluded Matters. To the extent no Exclusion Notice is given within such time period, the Contributions of Member and/or its Affiliates relating to or in connection with the Draft Specifications and all Necessary Claims shall continue to be subject to the Core License and other Licenses granted under this Appendix and may not be excluded.

10.2 Final Specifications. If (i) any Patent claim becomes a Necessary Claim by the time of the public release of the Final Specifications as a result of subject matter not present or apparent in the last publicly released Draft Specifications, or (ii) any Contributions of Member are first incorporated into the RISC-V ISA subsequent to such last Draft Specifications, then Member may exclude such new Necessary Claims or new Contributions (also, "Excluded Matters"), and only these new Excluded Matters, by providing the required Exclusion Notice for such new Excluded Matters to the required recipients within 60 calendar days before the publication of the Final Specifications. To the extent no Exclusion Notice is given within such time period, the Contributions of Member or any Affiliate relating to or in connection with the Final Specifications and all Necessary Claims shall continue to be subject to the Core License and other Licenses granted under this Appendix and may not be excluded.

10.3 Patent Exclusion Notices. Each Exclusion Notice for any excluded Contribution involving an issued Patent or published or unpublished Patent applications must include references to and identify with specificity:

(a) The Contribution to be excluded;

(b) Any issued Patents or published or unpublished Patent applications of the Member or its Affiliate embodying the Contribution to be excluded, including the applicable patent number(s) or title and application number(s) as the case may be;

(c) A detailed summary of the specific claims of the subject patent or patent application constituting a Necessary Claim which would be infringed by implementation of the Draft or Final Specification; and

(d) The specific part(s) of the Draft or Final Specification constituting the Contribution of the Member to be excluded under these provisions, identified on a line by line basis.

If the Necessary Claims in the issued Patent or pending published or unpublished Patent application are not identified in the Exclusion Notice, those Necessary Claims shall continue to be subject to the Core License under this Agreement and may not be excluded notwithstanding the exclusion of the corresponding Contribution as an Excluded Matter under this Appendix.

10.4 Other Exclusion Notices. The Exclusion Notice for any other Contribution of Member or any Affiliate must identify with specificity (i) the Contribution to be excluded, and (ii) the specific part(s) of the Draft or Final Specification constituting the Contribution of the Member to be excluded under these provisions, identified on a line by line basis.

10.5 Other Exclusion Terms.

(a) All Exclusion Notices shall be accurate and issued in good faith. The Association will have the right to object to any Exclusion Notice by a written response to the Member setting forth any objections with specificity. In the event of a dispute the parties will exercise their respective best efforts to reach a resolution of the matter.

(b) Any part of the Contribution not set forth in a valid Exclusion Notice shall continue to be subject to the Licenses under this Agreement and may not be excluded.

(c) For the avoidance of doubt and notwithstanding any contrary provision of this Appendix, (i) a Contribution includes any and all corresponding Necessary Claims, and (ii) a Member shall have no right to exclude any Necessary Claim which embodies any Contribution or part thereof which is not an Excluded Matter under this Section 10, it being the intent of the parties that any Contribution made

hereunder must include any corresponding Necessary Claim and may not be separately excluded.

11. Transfer Rights. Subject solely to the express terms and conditions of Section 6 of this Appendix A, no Member may transfer, assign, delegate or sublicense all or any part of its rights and/or obligations under these Regulations without the prior written consent of the Association in its sole discretion. Any purported transfer, assignment, delegation or sublicense without such consent will be null and void. The Association may transfer, assign, delegate and/or sublicense any or all of its rights and/or obligations hereunder (i) in connection with the merger or consolidation or transfer of all or substantially all of the assets of the Association to any successor entity or assignee or (ii) as otherwise may be provided in these Regulations.

12. No Warranties. EXCEPT AS EXPRESSLY PROVIDED IN THESE REGULATIONS INCLUDING BUT NOT LIMITED TO THIS APPENDIX A, AND TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ALL CONTRIBUTIONS AND THE RISC-V ISA PROVIDED OR RELEASED HEREUNDER ARE PROVIDED AND RELEASED "AS IS" AND WITHOUT ANY WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION ANY EXPRESS OR IMPLIED WARRANTY OF NONINFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

13. Limitation of Liability. EXCEPT WITH RESPECT TO BREACH OF SECTION 7 OF THIS APPENDIX A (No Suit or Proceeding), AND TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT WILL ANY MEMBER, ANY AFFILIATE OF A MEMBER OR THE ASSOCIATION BE LIABLE TO EACH OTHER OR ANY OTHER MEMBERS, ANY AFFILIATES OF OTHER MEMBERS OR ASSOCIATION FOR ANY INDIRECT, SPECIAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES FROM LOST PROFITS RELATING TO OR IN CONNECTION WITH THE RISC-V ISA OR THE OTHER SUBJECT MATTER OF THIS AGREEMENT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOTWITHSTANDING THE FOREGOING, NOTHING IN THIS AGREEMENT SHALL LIMIT THE LIABILITY OF ANY MEMBER, MEMBER AFFILIATE OR THE ASSOCIATION FOR ANY MISAPPROPRIATION, INFRINGEMENT OR VIOLATION OF ANY INTELLECTUAL PROPERTY RIGHTS OR FOR FRAUD.

14. Bankruptcy, Composition Procedure, Liquidation, Cessation of Business. The respective Licenses under this Appendix A are licenses of rights to "intellectual property". With respect to such Licenses:

14.1 The Association and its Affiliates, successors and assigns (each in their capacity as licensees of the relevant Licenses) shall have all rights and remedies as licensees of intellectual property under any applicable bankruptcy or insolvency laws or proceedings involving any Member or its Affiliate (collectively, "Bankrupt Member"). In the case of bankruptcy or any procedure with similar effect, liquidation or cessation of business of any Bankrupt Member, and with due regard for the

continuing rights of the remaining Members under the relevant Licenses, the Association or its successors or assigns shall have the right to have assigned to it or them any and all rights in the Contributions of the Bankrupt Member that are part of the Licenses granted to the Association under this Appendix A. Each Member and its Affiliates herewith assign with suspensive effect any and all such rights to the Association or such successors or assigns (as the case may be) in the event of the bankruptcy or any proceeding with similar effect, liquidation or cessation of business of such Member or Affiliate. In the case that applicable law does not accept such kind of conditional assignment, to the fullest extent permitted by applicable law, any and all such rights in the Contributions of the Bankrupt Member that are part of the Licenses shall be automatically assigned to the Association or such successors or assigns (as the case may be) in the event of bankruptcy or any proceeding with similar effect, liquidation or cessation of business of such Member or Affiliate.

14.2 Each Member and its Affiliates (each in their capacity as licensees of the Member License) shall have all rights and remedies as licensees of intellectual property under any applicable bankruptcy or insolvency laws or proceedings involving the Association or any of its Affiliates, successors or assigns.

15. Entire Terms and Conditions. Subject to the other provisions of these Regulations, Appendix A constitutes the entire set of terms and conditions relating to the Intellectual Property Licenses and supersedes all prior and contemporaneous understandings, agreements and representations whether oral or written between the parties with respect to such subject matter. The Board of Directors of the Association may establish additional or supplemental terms, policies and procedures from time to time with respect to these provisions, including with regard to the use of the Trademarks of the Association by Members.

SCHEDULE 1 TO APPENDIX A - DEFINITIONS

For purposes of the Regulations including this Appendix A, the following terms will have the following definitions:

"Affiliate" means any person or entity that directly or indirectly, through one or more intermediaries, controls the Member, is controlled by the Member or is under common control with the Member, for so long as such person or entity remains an Affiliate of the Member. For purposes of this definition, "control" as to an entity means possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of such entity whether through the ability to exercise voting power, by contract or otherwise.

"Compliant Portion" means only those specific portions of products or technologies or services (whether hardware, software or any combinations thereof) that implement and are compliant with any part of the applicable Final Specification.

"Copyrights" means collectively any and all copyrights, registered and unregistered, as well as applications for registration, including in and to works of authorship and all other rights corresponding thereto throughout the universe, whether published or unpublished, including rights to prepare, reproduce, perform, display and distribute copyrighted works and copies, compilations and derivative works thereof.

"Cover" means, with respect to a Contribution and a Necessary Claim, that the implementation of the Contribution within a Compliant Portion in the manner specified in the applicable Final Specification would, in the absence of a license granted under such Necessary Claim, infringe such Necessary Claim.

"Draft Specification" means any version of the Specifications designated as a Draft Specification and released to the public with version control by the Technical Committee, at any time prior to the public release of the Final Specification.

"Electronic transmission" means any form of communication, not directly involving the physical transmission of paper, that (i) contains information from which the recipient can determine the identity of the transmitting party, and (ii) creates a record that may be retained, retrieved, and reviewed by a recipient thereof in human language, and that may be directly reproduced in paper form by such a recipient through an automated process.

"Final Specification" means the final version of the RISC-V ISA Specifications designated as the Final Specification as adopted and approved and publicly released by the Technical Committee.

"Intellectual Property Rights" means any and all rights in any intellectual property and intangible industrial property rights, including any and all Patents, Copyrights, Moral Rights, Trademarks, Trade Secrets, mask work rights, industrial rights, and database rights; and any and all rights similar, corresponding or equivalent to any of the foregoing anywhere in the universe.

"Licensable" means, with respect to a Patent or a claim of a Patent, the ability (whether through ownership, license or otherwise) of the Member to grant a license to the Association with respect to such Patent or claim without violating any law, rule, regulation or other legal obligation or breaching any agreement with a third party in existence at the time of such grant, and without the payment of other than de minimis royalties or other fees by Member to any unaffiliated third parties.

"License" and "Licenses" standing alone means each and all of the licenses granted by the Member under this Appendix A.

"Moral Rights" means any and all rights of paternity, attribution, integrity, disclosure and withdrawal and any other rights that may be known as or referred to as "moral rights" or any similar rights under any applicable law, whether under Copyright, Trademark, unfair competition, defamation, right of privacy, contract, tort or other legal or equitable theory.

"Necessary Claims" means claims of Patents, other than design patents and design registrations, that (i) incorporate or embody or reference any part of a Contribution of the Member or its Affiliate which are included in any Normative Element of any Final Specification, and (ii) are infringed by implementation of any Normative Elements where that infringement cannot be avoided by another technically reasonable non-infringing alternative for implementing the Normative Elements of such Final Specifications. Necessary Claims for these purposes do not include any claims: (a) other than those claims set forth above, even if contained in the same Patent as the Necessary Claims; (b) that if licensed would require the payment of other than de minimis royalties or other fees by Association or Member or any Affiliate of such Member to any unaffiliated third parties; (c) that are infringed by any enabling technologies that may be necessary to make or use any product or technology or portion thereof but are not themselves expressly set forth in the relevant Final Specification; (d) that are infringed by the implementation of other technologies developed elsewhere and merely referenced to in the body of the Final Specification; or (e) that are infringed by any portions of any product or technology or any combinations thereof that are not a Compliant Portion.

"Normative Elements" of the Final Specifications shall be deemed to include all architectural and interoperability requirements, including the Normative Elements of optional portions, of applicable Final Specifications. Optional features are considered "Normative Elements" for these purposes unless they are specifically and expressly identified in writing by the Technical Committee or any subcommittee thereof as informative. Implementation examples or any other material that merely illustrates the requirements of the Specifications are informative and not considered "Normative Elements."

"Patents" collectively means any and all domestic, international and foreign patents and utility models, patents pending, provisional and non-provisional patent applications, patents on file, and any and all divisions, foreign counterparts, continuations, continuations-in-part, reissues, continuing patent applications, re-

examinations, substitutions or extensions thereof, and equivalent or similar rights anywhere in the universe in respect of inventions or discoveries.

"RISC-V ISA" means any and all versions of the RISC-V Instruction Set Architecture ("ISA"), with version control and as adopted and approved for public release by the Technical Committee, including any and all Specifications for the ISA.

"Specifications" means any version of any document or documents containing the draft or final specifications for the RISC-V ISA, including (i) the original specifications for the ISA, (ii) any and all standards, specifications, designs, guidelines and other documentation incorporated into the RISC-V ISA, (iii) all Contributions of any Member incorporated into RISC-V ISA; and (iv) any other written or graphical or oral information provided by a Member or Association or any other person or entity for the purpose of creating, commenting on, revising, updating, modifying, or adding to any document to be considered for inclusion in the RISC-V ISA.

"Trademarks" means trade names, trademarks and service marks (registered and unregistered), trade dress and similar rights, and applications to register any of the foregoing.

"Trade Secrets" collectively means any and all trade secrets under applicable law and other rights in know-how and confidential or proprietary information, processing or manufacturing or technical information, and any and all documentation, data and/or databases related thereto.

SCHEDULE 2 TO APPENDIX A

Conditions applicable to Software License:

Copyright (c) <YEAR>, <OWNER>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.