



September 2023

Subject: Intel Manufactured FPGA Products EPEAT

Dear Customer:

Intel manufactures a wide range of products, from microprocessors, through embedded controllers, up to complete OEM systems. A large number of subassemblies and components are purchased from other manufacturers. Intel goes to great lengths to make sure all our products meet applicable legal requirements, and we continually monitor changes in those requirements.

In response to recent customer inquiries on the IEEE 1680.1 (2018) and 1680.1a (2020) EPEAT design standards, the attached tables provide information relating to **Intel manufactured FPGA products** conformance to relevant sections of the standards. Intel is providing this information for the purpose of aiding customers in their assessment of EPEAT certification level for PC products.

Specific product material content data can be obtained from Intel's Material Declaration Data Sheets (MDDS) with the industry standard format IEC 64724 substance reporting schema. The product declarations are available on the Intel web site at <https://www.intel.com/content/www/us/en/collections/content-type/mdds.html>

The information provided regarding the material content of our products is true and correct to the best of our knowledge and Intel has systems and due diligence processes in place to determine the content of our products to ensure compliance with all applicable laws and regulations. This information, in connection with our products, is subject to and limited by Intel's standard terms and conditions for sale of such products.¹

If you have any questions or requests for additional information concerning this letter, please contact your Intel representative or visit support.intel.com.

Phaik Hoon Khor

Product Ecology Engineer

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Attachments – Intel IEEE 1680.1 (2018) and 1680.1a (2020) EPEAT FPGA Products Conformance Declaration, Pages 2 to 5



Intel IEEE 1680.1 (2018) and 1680.1a (2020) EPEAT FPGA Products Conformance Declaration

Product Information
Intel Stratix 10 FPGA
Intel Agilex FPGA

Supplier Information			
Company Name	Intel Corporation	Contact Title	Phaik Hoon, Khor
Company Unique ID	047897855	Contact Phone	1-800-628-8686
Unique ID Authority	Dun and Bradstreet		
Response Date	September , 2023		

The following tables are filled out using the following responses:

Response	Directions
Yes	Indicates that the manufacturer or manufacturer's product conforms with the requirements of the criterion
No	Indicates that the manufacturer or manufacturer's product do not conform with the requirements of the criterion
NA	Indicates that the requirements of the criterion are not applicable to the manufacturer or the manufacturer's products. When NA is claimed the basis for this decision is documented in the Comments column.

Note: Only the titles of criteria are shown in the tables below. Please refer to standard IEEE 1680.1-2018 and 1680.1a-2020 for full criteria details and requirements.

4.1 Substance Management		
Criterion	Response	Comments
4.1.1.1 Required—Conformance with European Union ROHS Directive substance restrictions	Yes	Material Declarations Data Sheets conforming with IEC 62474 are provided through the Intel MDDS website.
4.1.2.1 Optional—Restrictions of the use of cadmium	Yes	These products do not use any exempted cadmium applications.
4.1.3.1 Required—Elimination of intentionally added mercury in light sources	NA	These products do not contain light sources.
4.1.4.1 Optional—Restriction of the use of beryllium	Yes	Homogenous materials in the specified products do not contain beryllium above 1000 ppm.
4.1.5.1 Required—Reduction of bromine and chlorine content in plastic parts > 25 grams	NA	These products do not contain plastic parts >25 g excluding printed circuit boards, cables and wiring, fans, and electronic components. Material Declarations Data Sheets conforming With IEC 62474 are provided through the Intel MDDS website.
4.1.5.2 Optional—Further reduction of bromine and chlorine content of plastic materials	Yes	Any plastic materials in the products exceeding 0.5 g do not contain > 1000 ppm chlorine or bromine at the homogeneous level. Material Declarations Data Sheets conforming with IEC 62474 are provided through Intel MDDS website.
4.1.6.1 Optional—Avoidance or elimination of substances on EU REACH Annex XIV (authorization list)	Yes	There are no EU REACH Annex XIV substances found above threshold in these products. Material Declarations Data Sheets conforming with IEC 62474 are provided through the Intel MDDS website.
4.1.6.2 Optional—Reduction of substances on the EU REACH Candidate List of SVHCs	Yes	There are no EU REACH Candidate List of SVHCs found above threshold in these products. Material Declarations Data Sheets conforming with IEC 62474 are provided through the Intel MDDS website. More information on REACH SVHCs can be found on the website .
4.1.7.1 Required—Compliance with provisions of EU Battery Directive	NA	These products do not contain batteries.
4.1.8.1 Optional—Chemical assessment and selection	NA	These products do not contain plastic parts > 25 g excluding printed circuit boards, wires and cables, and power supplies.
4.1.9.1 Optional—IEC 62474 declarable substances	Yes	Intel has a process to obtain and maintain data on IEC 62474 declarable substances.
4.1.9.2 Optional—Requesting substance inventory	NA	Final manufacturer requirement.
4.1.9.3 Optional—Acquiring substance inventory	No	Intel does not provide substance inventory for these products.
4.1.10.1 Optional—Reduce fluorinated gas emissions from flat panel display manufacturing	NA	These products do not contain flat panel displays.
4.1.10.2 Optional—Reduce fluorinated greenhouse emissions from semiconductor production	Yes	See most recent corresponding customer letter (DCL for 1680.1 F-GHG Criteria 4.1.10.2).

Sections 4.2 – 4.8 are not applicable as they are a final manufacturer requirement.

4.9: Corporate environmental performance		
Criterion	Response	Comments
4.9.1.1 Required—Third party certified environmental management system (EMS) for design and manufacturing organizations	NA	Final manufacturer requirement
4.9.1.2 Optional—Third party certified environmental management system (EMS) for supplier manufacturing facilities	Yes	Intel ISO 14001:2015 Multi-Site Registration Certificate
4.9.2.1 Required—Corporate environmental performance reporting by manufacturer	NA	Final manufacturer requirement
4.9.2.2 Optional—Corporate environmental performance reporting by suppliers	Yes	Corporate Responsibility Report
4.9.3.1 Optional—Energy management system/energy performance improvement –manufacturers	NA	Final manufacturer requirement
4.9.3.2 Optional—Energy management system/energy performance improvement for suppliers	Yes	Corporate Responsibility Report
4.9.4.1 Optional—Renewable energy use by manufacturer	NA	Final manufacturer requirement
4.9.4.2 Optional—Renewable energy use by manufacturer suppliers	Yes	See most recent corresponding customer letter (DCL for Renewable Energy).

4.10: Corporate social responsibility		
Criterion	Response	Comments
4.10.1.1 Optional—Socially responsible supplier manufacturing: Labor	Yes	Part A is the responsibility of the final product manufacturer. Part B: Intel is a founding and active member of the Responsible Business Alliance (RBA). Intel and our suppliers are expected to comply with the RBA Code of Conduct . All Intel manufacturing locations typically undergo RBA annual self-assessment questionnaires (SAQ) and closure of any gaps found. Additionally, Intel arranges for 3rd party RBA VAPs (audits) on its assembly / test factories on a regular cadence. This is part of our comprehensive risk-based approach that drives continuous improvement and compliance to the RBA Code of Conduct. We make our corporate SAQ available publicly; site specific SAQs can be requested by initiating a trading relationship via RBA Online.
4.10.1.2 Optional—Socially responsible manufacturing: OHS	Yes	Part A is the responsibility of the final product manufacturer. Part B: We have OHSAS 18001/ISO 45001 certification for all facilities. We believe we would not be considered a "Prioritized Supplier Facility in Scope" based on the prioritization assessment.

4.10.2.1 Required—Public Disclosure regarding conflict minerals in products	Yes	Our sourcing policy , SEC filing and additional information can be found at the Responsible Minerals Sourcing webpage.
4.10.2.2 Optional—Participation in an in-region program that advances responsible sourcing of conflict minerals	NA	Final manufacturer requirement
4.10.2.3 Optional—Smelter and refiner participation in OECD-aligned third-party mechanisms	NA	Final manufacturer requirement