



2024 Sustainability Accounting Standards Board (SASB) Framework



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The index was prepared using the Sustainability Accounting Standards Board (SASB) Standards for the Technology & Communications sector: Semiconductors. The disclosure is in accordance with Industry Standards Version 2023-12. Unless otherwise noted, all data and descriptions are reported for the entire operations for the year ended December 31, 2024.

Code	Metric	onsemi Disclosure
Greenhouse Gas Emissions		
TC-SC-110a.1	(1) Gross global Scope 1 emissions, (2) amount of total emissions from perfluorinated compounds	(1) 776,500 MTCO ₂ e (2) 661,100 MTCO ₂ e See the Annual Inventory of Energy Consumption and Emissions section of our 2024 Sustainability Report, pg. 26
TC-SC-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	See the Decarbonization and Renewable Energy Goals section of our 2024 Sustainability Report, pg. 17
Energy Management in Manufacturing		
TC-SC-130a.1	(1) Total energy consumed, (2) percentage grid electricity and (3) percentage renewable	(1) 7,736,594 GJ (2) 100% (3) 0% See the Annual Inventory of Energy Consumption and Emissions section of our 2024 Sustainability Report, pg. 26
Water Management		
TC-SC-140a.1	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with high or extremely high baseline water stress	(1) 15,759 thousand m ³ In 2024, onsemi withdrew 2,295 thousand m ³ of water from areas with high or extremely high water stress. About 15% of our water withdrawal is from regions with high or extremely high water stress. High water-stressed regions: Suzhou, Biên Hòa, Carmona and Nampa Extremely high water-stressed regions: Cebu and Tarlac See the Water and Waste Management section of our 2024 Sustainability Report, pg. 32
Waste Management		
TC-SC-150a.1	(1) Amount of hazardous waste from manufacturing, (2) percentage recycled	(1) 11,060 metric tons (2) 20% recycled See the Water and Waste Management section of our 2024 Sustainability Report, pg. 32

Code	Metric	onsemi Disclosure
Workforce Health & Safety		
TC-SC-320a.1	Description of efforts to assess, monitor and reduce exposure of employees to human health hazards	See the Environmental Health and Safety section of our 2024 Sustainability Report, pg. 37.
TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	In 2024, two onsemi sites were issued a monetary penalty related to EHS compliance, totaling \$19,070. Fines were paid for both issues and underlying issues were addressed to prevent future recurrence.
Recruiting and Managing a Global and Skilled Workforce		
TC-SC-330a.1	Percentage of employees that require a work visa	7% of U.S. employees; 3% of EMEA employees
Product Lifecycle Management		
TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	Approximately 18% of the products sold by onsemi in 2024 contained IEC 62474 declarable substances, representing 29% of revenue. (1) RoHS Statement (2) Compliance with REACH (3) Product Chemical Content Brochure (4) Materials Composition Program
TC-SC-410a.2	Processor energy efficiency at a system level for: (1) servers, (2) desktops and (3) laptops	Not applicable for onsemi operations.
Materials Sourcing		
TC-SC-440a.1	Description of the management of risks associated with the use of critical materials	onsemi discloses management’s approach to our responsible minerals sourcing. We are aware of the potential supply shortage of rare earth elements and their use in the production of electronic products. onsemi has identified that less than 3% of our products are using rare earth elements for their backend material. We are aware that our supply chain has enough existing supply and alternative materials to support the manufacture of the affected products. (1) SEC Form SD and Conflict Minerals Report (2) Responsible Minerals Sourcing Policy See the Supply Chain section of our 2024 Sustainability Report, pg. 63.
Intellectual Property Protection and Competitive Behavior		
TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	In 2024, onsemi did not incur monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations. See the Legal Matters section in our 2024 SEC Form 10-K , pg. 89.