



Onward: for People and Planet

2022 Sustainability Accounting
Standards Board (SASB) Framework

onsemi.

Sustainability Accounting Standards Board (SASB) Framework

Reporting Period: January 1 – December 31, 2022

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) 841,104 MTCO ₂ e (2) 404,090 MTCO ₂ e See Energy Consumption and Emissions section of our 2022 Sustainability Report, pg 24.
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 Net Zero Commitment section of our 2022 Sustainability Report, pg 16.
Energy Management in Manufacturing		
TC-SC-130a.1	(1) Total energy consumed, (2) percentage grid electricity, and (3) percentage renewable	(1) 6,308,215 gigajoules (GJ) (2) 100% (3) 0% See Energy Consumption and Emissions section of our 2022 Sustainability Report, pg 24.

CODE	METRIC	ONSEMI DISCLOSURE
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TC-SC-140a.1	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	(1) 13,692 thousand of m ³ (2) onsemi is developing better strategies for tracking water discharge and consequently water consumption across its operational footprint. We aim to have better metrics in the years to come. In 2022, onsemi withdrew 515 thousand m ³ of water from areas with high water stress. Approximately 4 percent of our water withdrawal is from regions with high-water stress. High water stress regions - Pocatello, Idaho (USA); Suzhou (China) See Water and Waste Management section of our 2022 Sustainability Report, pg 29.
Waste Management		
TC-SC-150a.1	Amount of hazardous waste from manufacturing, percentage recycled	8,974 metric tons 2 percent recycled, 40 percent diverted from landfill See Water and Waste Management section of our 2022 Sustainability Report, pg. 29.
Human Health Hazard		
TC-SC-320a.1	Description of efforts to assess, monitor and reduce exposure of employees to human health hazards	See Environmental Health and Safety section of our 2022 Sustainability Report, pg. 34.

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CODE	METRIC	ONSEMI DISCLOSURE
Monetary Losses – Employee Health and Safety Violations		
TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations (USD)	In 2022, onsemi did not incur monetary losses as a result of legal proceedings associated with employee health and safety violations.
Recruiting and Managing a Global and Skilled Workforce		
TC-SC-330a.1	Percentage of employees that are: (1) foreign nationals and (2) located offshore	(1) 2% (2) United States (country of domicile) – 11% All other North America – 1% Asia Pacific – 76% EMEA – 12%
Product Lifecycle Management		
TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances (%)	In 2022, approximately 23% of onsemi's portfolio contained IEC 62474 declarable substances, representing 29% of revenue. RoHS Statement Compliance with REACH Product Chemical Content Brochure Materials Composition Program
Product Lifecycle Management		
TC-SC-410a.2	Processor energy efficiency at a system level for: (1) servers, (2) desktops, and (3) laptops	Not applicable for onsemi operations

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Critical Materials Management		
TC-SC-440a.1	Description of the management of risks associated with the use of critical materials	onsemi discloses management 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 components. onsemi does not deliberately add any rare earth elements in our products. There are some traces of rare earths in certain ceramic packaging, gold wire bond and wafer fab operations, but we do not manufacture any of these materials nor are they added intentionally. Through our Enterprise Risk Management (ERM) framework, tools and processes, we identify the loss of critical supplies as a risk that is managed, mitigated and is tracked within the supply chain planning, sourcing and procurement groups and reported on a quarterly basis. SEC Form SD Conflict Minerals Report Rare Earth Minerals Statement See Supply Chain section of our 2022 Sustainability Report, pg. 74.
Anti-Competitive Behavior Litigation		
TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations (USD)	In FY22, onsemi did not incur monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations. See onsemi 2022 SEC Form 10-K , pg 90.

Report Revision History

VERSION	DESCRIPTION OF REVISION AND REASON	EFFECTIVE DATE
0	2022 Sustainability Report Document Initial Release	27 June 2023



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