



SASB Index

Reporting Period: January 1 – December 31, 2020

Topic	Metric	Code	ON Semiconductor Disclosure
Greenhouse Gas Emissions	(1) Gross global Scope 1 emissions (2) amount of total emissions from perfluorinated compounds	TC-SC-110a.1	(1) 2,181,598 Metric tons (t) CO ₂ e (2) 2,127,186 Metric tons (t) CO ₂ e
Greenhouse Gas Emissions	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	TC-SC-110a.2	Five-Year Target (2015 Baseline Data Year, 2016 – 2020 Data Collection Years) Carbon Footprint - 5% gCE/unit (normalized) for Scope 1 and 2 GHG emissions. Annually, manufacturing sites identify green savings projects for the following categories: energy conservation, water conservation, chemical waste reduction, material optimization, and recycle. These green savings projects are leveraged to help ON Semiconductor reach our Five-Year Carbon Footprint Target. Through 2020, our FAB CE was 85% performance to target and ATO CE was 84% performance to target.
Energy Management in Manufacturing	(1) Total energy consumed, (2) percentage grid electricity, and (3) percentage renewable	TC-SC-130a.1	(1) 5,410,798 GJ (2) 100% (3) Complete data not available
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	TC-SC-140a.1	(1) 834.93m ³ ; 6% of total water withdrawal <ul style="list-style-type: none"> • Oudenaarde, Belgium – 275.03m³ • Pocatello, USA – 371.5m³ • Suzhou, China – 188.4m³ (2) Water consumption data currently is not captured. ON Semiconductor is looking into collection water consumption data.



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Waste Management	(1) Amount of hazardous waste from manufacturing, (2) percentage recycled	TC-SC-150a.1	(1) 8,125 t (2) 74% Current waste data collection for recycled waste may include waste that is incinerated for energy recovery. ON Semiconductor is in the process of improving our reporting methodology to capture waste to energy recovery information for future reporting.
Employee Health and Safety	Description of efforts to assess, monitor and reduce exposure of employees to human health hazards	TC-SC-320a.1	OHSAS 45001:2018 Certified EHS Management System includes: <ul style="list-style-type: none"> • EHS Policy • EHS Manual • Health and Safety Hazard Identification, Risk Assessment and Control • EHS Legal and Other • EHS Objective and Targets • EHS Management of Change and Equipment Sign Off • Health and Safety Performance Monitoring, Reporting and Compliance Evaluation • EHS Audit Global Work Process • EHS Management Review • Occupational Exposure Assessment for Airborne Contaminates • Hazard Communication Program • Industrial Hygiene – Heavy Metals Program • Emergency Preparedness and Response (Chemical, Spill, Fire, etc.) • Fire Protection Systems • Toxic, Flammable, Compressed Gases and Compressed Gas Cabinet • PPE • Electrical Safety



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Employee Health and Safety	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations (USD)	TC-SC-320a.2	<p>\$0</p> <p>In June 2020, the Environmental Protection Agency completed a Resource Conservation and Recovery Act (“RCRA”) Compliance Evaluation Inspection (the “Inspection”) of our South Portland, Maine wafer manufacturing facility. As a result of the Inspection, the EPA identified and issued citations with respect to four violations of the RCRA, including failure to mark, monitor, and keep adequate records with respect to certain of our chemical storage tanks. As a result of these violations, the Company, through its subsidiary Fairchild Semiconductor Corporation, entered into a consent agreement with a final order date of December 16, 2020. We agreed to pay a civil penalty of \$104,545. We paid this sum on December 24, 2020. In addition, we have fully remediated all of the violations identified during the Inspection.</p>
Recruiting and Managing a Global and Skilled Workforce	Percentage of employees that are: (1) foreign nationals and (2) located offshore	TC-SC-330a.1	<p>(1) 3.33%</p> <p>(2) United States (country of domicile) – 13.06%</p> <p>All other North America – 0.42%</p> <p>Asia Pacific – 73.59%</p> <p>EMEA – 12.93%</p> <p>ON Semiconductor has a global footprint of design, solution engineering centers, sales and support locations spanning across more than 34 countries and four continents.</p>



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Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances (%)	TC-SC-410a.1	ON Semiconductor does not manufacture products that contain specific substances that cause harm to human health and/or the environment. RoHS Statement Compliance with REACH Product Chemical Content Brochure Materials Composition Page
Product Lifecycle Management	Processor energy efficiency at a system level for: (1) servers, (2) desktops, and (3) laptops	TC-SC-410a.2	Not applicable for ON Semiconductor operations
Materials Sourcing	Description of the management of risks associated with the use of critical materials	TC-SC-440a.1	ON Semiconductor discloses management approach to their responsible minerals sourcing. We are aware of the potential supply shortage of rare earth elements and their use in the production of electronic components. ON Semiconductor does not deliberately add any rare earth elements to any of our products. There are some trace of rare earths in certain ceramic packaging, gold wirebond 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. CSR Report SEC Form SD Conflict Minerals Report Rare Earth Minerals Statement



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IP Protection and Competitive Behavior	Total amount of monetary loses as a result of legal proceedings associated with anti-competitive behavior regulations (USD)	TC-SC-520a.1	In FY20, ON Semiconductor did not incur monetary loses as a result of legal proceedings associated with anti-competitive behavior regulations. SEC Form 10-K