

C0. Introduction

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C0.1

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**(C0.1) Give a general description and introduction to your organization.**

Maxim Integrated Products, Inc. designs, develops, manufactures and markets a broad range of linear and mixed-signal integrated circuits, commonly referred to as analog circuits for a large number of customers in diverse geographical locations. We are a leader in analog innovation and integration, unique among semiconductor companies in the range of disparate analog functions that we can combine onto a single chip. Maxim's highly integrated solutions help customers create systems that are smaller and more energy efficient.

C0.2

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**(C0.2) State the start and end date of the year for which you are reporting data.**

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Row 1	January 1 2017	December 31 2017	No	<Not Applicable>
Row 2	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Row 3	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Row 4	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>

C0.3

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**(C0.3) Select the countries/regions for which you will be supplying data.**

- Philippines
- Thailand
- United States of America
- Other, please specify (All other worldwide small offices.)

C0.4

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**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

USD

C0.5

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**(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your consolidation approach to your Scope 1 and Scope 2 greenhouse gas inventory.**

Operational control

C1. Governance

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C1.1

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**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

No

C1.1c

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**(C1.1c) Why is there no board-level oversight of climate-related issues and what are your plans to change this in the future?**

	Primary reason	Board-level oversight of climate-related issues will be introduced within the next two years	Please explain
Row 1		Yes, we plan to do so within the next two years	

**C1.2**

**(C1.2) Below board-level, provide the highest-level management position(s) or committee(s) with responsibility for climate-related issues.**

Name of the position(s) and/or committee(s)	Responsibility	Frequency of reporting to the board on climate-related issues
Environment/ Sustainability manager	Both assessing and managing climate-related risks and opportunities	As important matters arise

**C1.2a**

**(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored.**

The Corporate Director of Environmental Health and Safety and Sustainability (EHS&S) is responsible for all global environmental, health and sustainability-related programs and issues and

is part of the Technology and Manufacturing Group whose Senior Vice President reports directly to the CEO.

The Corporate EHS&S Director's group monitors and tracks energy and water usage, waste generation and GHG emissions on a quarterly basis and is also responsible for:

1. Completing all customer surveys related to climate/sustainability issues.
2. Completing all annual government reporting requirements related to climate/environmental reporting.
3. Completing all non-government organization surveys related to climate and environmental issues.

**C1.3**

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

No

**C2. Risks and opportunities**

**C2.1**

**(C2.1) Describe what your organization considers to be short-, medium- and long-term horizons.**

	From (years)	To (years)	Comment
Short-term	0	1	
Medium-term	2	5	
Long-term	6	15	

C2.2

**(C2.2) Select the option that best describes how your organization's processes for identifying, assessing, and managing climate-related issues are integrated into your overall risk management.**

A specific climate change risk identification, assessment, and management process

C2.2a

**(C2.2a) Select the options that best describe your organization's frequency and time horizon for identifying and assessing climate-related risks.**

	Frequency of monitoring	How far into the future are risks considered?	Comment
Row 1	Annually	3 to 6 years	

C2.2b

**(C2.2b) Provide further details on your organization's process(es) for identifying and assessing climate-related risks.**

Identifying and assessing climate-related risks is part of Maxim Integrated's ISO 14001:2015 Management Program where all new or modified processes are evaluated using a change control process that measures risk, the environmental impact and the approximate amount of resource consumption (energy, water, materials) and waste generated (emissions, solid waste, wastewater), if any.

C2.2c

**(C2.2c) Which of the following risk types are considered in your organization's climate-related risk assessments?**

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	All risks that could have an environmental compliance impact, either federal, state or location regulations or specific permits are evaluated in detail.
Emerging regulation	Relevant, always included	Emerging regulations are monitored and risks are evaluated against them.
Technology	Relevant, always included	All new technology is weighed in terms of climate risks. Specific focus areas include energy consumption or new emissions from the new technology.
Legal	Relevant, always included	Legal includes new regulations or permit modifications which are also assessed in a risk format.
Market	Relevant, sometimes included	
Reputation	Relevant, always included	Company reputation is always included in climate-related risk assessments.
Acute physical	Relevant, always included	
Chronic physical	Relevant, always included	
Upstream	Relevant, sometimes included	
Downstream	Relevant, sometimes included	

C2.2d

**(C2.2d) Describe your process(es) for managing climate-related risks and opportunities.**

Identifying and assessing climate-related risks is part of Maxim Integrated's ISO 14001:2015 Management Program where all new or modified processes are evaluated using a change control process that measures risk, estimates the environmental impact, if any and consumption of resources, if any. For new abatement equipment (e.g. Point-of-Use GHG abatement) or energy

sources (e.g. Bloom Energy Systems), cost-benefit analyses are also completed.

C2.3

**(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

No

C2.3b

**(C2.3b) Why do you not consider your organization to be exposed to climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

	Primary reason	Please explain
Row 1	Risks exist, but none with potential to have a substantive financial or strategic impact on business	The organization's exposure to climate-related risks are limited to: 1. More electrical consumption and increased costs related to additional cooling needed to moderate office and manufacturing environmental temperatures. 2. Potential of more frequent and longer droughts where Maxim has operations or offices. Historically these areas have not suffered often from droughts. 3. Potential for more climate-change related floods in areas where we have operations and offices. This risk is offset by the company's business continuity plan designed to minimize the threat of this and to ensure manufacturing or operations can be conducted or resumed at other locations.

**C2.4**

**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes

**C2.4a**

**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**

Opp1

**Where in the value chain does the opportunity occur?**

Customer

**Opportunity type**

Resource efficiency

**Primary climate-related opportunity driver**

Other

**Type of financial impact driver**

Other, please specify

**Company- specific description**

We are a leader in analog innovation and integration, unique among semiconductor companies in the range of disparate analog functions that we can combine onto a single chip. Maxim's highly integrated solutions help customers create systems that are smaller and more energy efficient. Maxim also specializes in battery management and low-power consumption chips. Because we sell over 3 billion specific units annually that either replace older less-energy efficient products or are introduced to the market in a new product - the overall net effect in reduced or avoided energy consumption is significant. Maxim will benefit as the market continues to demand more products designed to help save energy.

**Time horizon**

Long-term

**Likelihood**

Very likely

**Magnitude of impact**

High

**Potential financial impact**

1000000

**Explanation of financial impact**

It's conservatively estimated that our products save or avoid at least \$ 1,000,000 USD in energy costs per year.

**Strategy to realize opportunity**

Part of our core business.

**Cost to realize opportunity**

0

**Comment**

Part of our core business and current R&D.

**C2.5**

**(C2.5) Describe where and how the identified risks and opportunities have impacted your business.**

	Impact	Description
Products and services	Impacted	As energy costs and environmental conservation and sustainability efforts become more needed - our products become more important.
Supply chain and/or value chain	Impacted for some suppliers, facilities, or product lines	Some suppliers could be impacted by climate-related risks such as rising HVAC costs.
Adaptation and mitigation activities	Impacted for some suppliers, facilities, or product lines	Maxim Integrated has adapted by relocating manufacturing from areas that could be subjected to climate-related risks such as floods or droughts. Examples include closure of manufacturing operations in California and Texas while increasing manufacturing capacity in Oregon that is less prone to droughts.
Investment in R&D	Impacted for some suppliers, facilities, or product lines	One of Maxim's core product lines is low-power or power management chips. Maxim has invested significantly in this specialized area in order to maintain its leadership role.
Operations	Impacted for some suppliers, facilities, or product lines	As noted above the decision to close operations in California and Texas while increasing activity in Oregon was influenced somewhat by climate-related risks: higher energy costs and increased risk of droughts in California and Texas vs. less risk for both issues in Oregon.
Other, please specify	Please select	

**C2.6**

**(C2.6) Describe where and how the identified risks and opportunities have factored into your financial planning process.**

	Relevance	Description
Revenues	Not impacted	
Operating costs	Impacted for some suppliers, facilities, or product lines	Cost impact is minimum and consists of increased energy expenses for cooling.
Capital expenditures / capital allocation	Not impacted	
Acquisitions and divestments	Not impacted	
Access to capital	Not impacted	
Assets	Not impacted	
Liabilities	Not impacted	
Other	Not impacted	

**C3. Business Strategy**

**C3.1**

**(C3.1) Are climate-related issues integrated into your business strategy?**

Yes

**C3.1a**

**(C3.1a) Does your organization use climate-related scenario analysis to inform your business strategy?**

No, but we anticipate doing so in the next two years

**C3.1c**

**(C3.1c) Explain how climate-related issues are integrated into your business objectives and strategy.**

Significant amounts of R&D resources are committed to battery management and low-power product design and development in order address the growing need for low-energy consumption and energy efficient products.

**C3.1g**

**(C3.1g) Why does your organization not use climate-related scenario analysis to inform your business strategy?**

Climate-related scenario analysis issues are already covered by battery management and low energy research, same end-result.

**C4. Targets and performance**

## C4.1

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### (C4.1) Did you have an emissions target that was active in the reporting year?

Intensity target

## C4.1b

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### (C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).

**Target reference number**

Int 1

**Scope**

Scope 1+2 (location-based)

**% emissions in Scope**

100

**% reduction from baseline year**

25.1

**Metric**

Metric tons CO2e per metric ton of product

**Base year**

2016

**Start year**

2017

**Normalized baseline year emissions covered by target (metric tons CO2e)**

105.67

**Target year**

2017

**Is this a science-based target?**

Yes, we consider this a science-based target, but this target has not been approved as science-based by the Science Based Targets initiative

**% achieved (emissions)**

74.9

**Target status**

Underway

**Please explain**

CY2016 (baseline) normalized emissions were 105.67 vs. 79.20 in CY2017 for a 25.1 % reduction.

**% change anticipated in absolute Scope 1+2 emissions**

3

**% change anticipated in absolute Scope 3 emissions**

0

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## C4.2

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### (C4.2) Provide details of other key climate-related targets not already reported in question C4.1a/b.

## C4.3

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### (C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

No

## C4.3d

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### (C4.3d) Why did you not have any emissions reduction initiatives active during the reporting year?

Emission reduction initiatives were active but data is not available yet or considered confidential.

## C4.5

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(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?

No

## C5. Emissions methodology

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### C5.1

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(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).

#### Scope 1

**Base year start**

January 1 2016

**Base year end**

December 31 2016

**Base year emissions (metric tons CO2e)**

33140

**Comment**

Base year is CY2016 which represents a significant reduction from previous years (CY2011-2015).

#### Scope 2 (location-based)

**Base year start**

January 1 2016

**Base year end**

December 31 2016

**Base year emissions (metric tons CO2e)**

0

**Comment**

#### Scope 2 (market-based)

**Base year start**

January 1 2016

**Base year end**

December 31 2016

**Base year emissions (metric tons CO2e)**

85638

**Comment**

Base year is CY2016 which represents a significant reduction from previous years (CY2011-2015).

### C5.2

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(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions.

IPCC Guidelines for National Greenhouse Gas Inventories, 2006  
US EPA Climate Leaders: Direct Emissions from Stationary Combustion  
US EPA Mandatory Greenhouse Gas Reporting Rule  
Other, please specify (2014 IPCC and US EPA)

### C5.2a

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**(C5.2a) Provide details of the standard, protocol, or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions.**

1) 2014 Intergovernmental Panel on Climate Change - Global Warming Potential of selected electricity sources for:

Biomass - Dedicated: 230 gCO<sub>2</sub>eq/kWh

Solar PV - Utility Scale: 48 gCO<sub>2</sub>eq/kWh

Hydropower - 24 gCO<sub>2</sub>eq/kWh

Wind Onshore - 11 gCO<sub>2</sub>eq/kWh

2) US EPA Power Profiler for calculating unspecified electricity sources.

**C6. Emissions data**

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**C6.1**

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**(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO<sub>2</sub>e?**

**Row 1**

**Gross global Scope 1 emissions (metric tons CO<sub>2</sub>e)**

43736

**End-year of reporting period**

<Not Applicable>

**Comment**

CY2017 or from January 01, 2017 through December 31, 2017.

**C6.2**

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**(C6.2) Describe your organization's approach to reporting Scope 2 emissions.**

**Row 1**

**Scope 2, location-based**

We are not reporting a Scope 2, location-based figure

**Scope 2, market-based**

We are reporting a Scope 2, market-based figure

**Comment**

**C6.3**

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**(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO<sub>2</sub>e?**

**Row 1**

**Scope 2, location-based**

<Not Applicable>

**Scope 2, market-based (if applicable)**

50605.63

**End-year of reporting period**

<Not Applicable>

**Comment**

C6.4

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(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

No

C6.5

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(C6.5) Account for your organization's Scope 3 emissions, disclosing and explaining any exclusions.

**Purchased goods and services**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Capital goods**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Fuel-and-energy-related activities (not included in Scope 1 or 2)**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Upstream transportation and distribution**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Waste generated in operations**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Business travel**

**Evaluation status**

Relevant, not yet calculated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Employee commuting**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**Upstream leased assets**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**Downstream transportation and distribution**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**Processing of sold products**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**Use of sold products**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**End of life treatment of sold products**

**Evaluation status**  
Not relevant, explanation provided

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

Products are minor components of larger systems or equipment.

**Downstream leased assets**

**Evaluation status**  
Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Explanation**

**Franchises**

**Evaluation status**

Not relevant, explanation provided

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

We have no unaccounted franchises.

**Investments**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Other (upstream)**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

**Other (downstream)**

**Evaluation status**

Not evaluated

**Metric tonnes CO2e**

**Emissions calculation methodology**

Percentage of emissions calculated using data obtained from suppliers or value chain partners

**Explanation**

C6.7

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(C6.7) Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?

No

C6.10

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**(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

**Intensity figure**

39.61

**Metric numerator (Gross global combined Scope 1 and 2 emissions)**

94341.53

**Metric denominator**

unit total revenue

**Metric denominator: Unit total**

2382

**Scope 2 figure used**

Market-based

**% change from previous year**

25.53

**Direction of change**

Decreased

**Reason for change**

We purchased cleaner electricity for our larger locations. For example, starting on January 01, 2017, the Cavite, Philippines operations is now supplied electricity from only a renewable source, (geothermal) while renewable sources provided 35% of the Beaverton, Oregon facility's electricity. Approximately 35% of the electricity purchased for the HQ/San Jose, California campus was also from renewable sources.

**C7. Emissions breakdowns**

**C7.1**

**(C7.1) Does your organization have greenhouse gas emissions other than carbon dioxide?**

Yes

**C7.1a**

**(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).**

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	8703.2	IPCC Second Assessment Report (SAR - 50 year)
CH4	2	IPCC Second Assessment Report (SAR - 100 year)
N2O	368.03	IPCC Second Assessment Report (SAR - 100 year)
HFCs	4312.72	IPCC Second Assessment Report (SAR - 100 year)
NF3	75.68	IPCC Second Assessment Report (SAR - 100 year)
SF6	14049.36	IPCC Second Assessment Report (SAR - 100 year)
PFCs	15595.9	IPCC Second Assessment Report (SAR - 100 year)
Other, please specify (HTF CAS# 69991-67-9 (e))	629	Other, please specify (United States EPA Guidance)

**C7.2**

**(C7.2) Break down your total gross global Scope 1 emissions by country/region.**

Country/Region	Scope 1 emissions (metric tons CO2e)
Other, please specify (All design centers and small offices) <i>This is the total from all our design centers and sales offices worldwide that are included in the country totals below. This is approximately 40 different locations.</i>	751.3
United States of America	42932
Philippines	51.7
Thailand	0.9

**C7.3**

**(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.**

By facility

C7.3b

(C7.3b) Break down your total gross global Scope 1 emissions by business facility.

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
All design centers and sales offices combined worldwide.	751.3	0	0
Headquarters/San Jose, CA, USA	3727.7	37.405415	121.94996
Beaverton, Oregon Manufacturing Center	39204.3	45.502095	122.824664
Cavite, Philippines Test Center	51.7	14.268811	120.92279
Chonburi, Thailand Test Center	0.9	13.419685	101.008389

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low-carbon electricity, heat, steam or cooling accounted in market-based approach (MWh)
Other, please specify (A) <i>All worldwide design centers and sales offices.</i>	0	4739	10345	0
United States of America	0	27253.88	102165	35757.75
Philippines	0	5060.34	55664	55664
Thailand	0	13552.41	23262	0

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By facility

C7.6b

(C7.6b) Break down your total gross global Scope 2 emissions by business facility.

Facility	Scope 2 location-based emissions (metric tons CO2e)	Scope 2, market-based emissions (metric tons CO2e)
All worldwide design centers and sales office (approximately 40 locations).	0	4739
Beaverton, Oregon Manufacturing Center	0	26242.43
Headquarters Center in San Jose, California	0	1011.45
Cavite, Philippines Test Center	0	5060.34
Chonburi, Thailand Test Center	0	13552.41

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Decreased

C7.9a

**(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined) and for each of them specify how your emissions compare to the previous year.**

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	32314	Decreased	41.86	Beaverton, Oregon, San Jose, California and Cavite, Philippines reduced their combined Scope 2 Emissions by 32,314 MT CO2e due to: 1. Beaverton and San Jose: 35% electricity supplied was from renewable sources according to Calpine provider. 2) Cavite: switched to 100% geothermal generated electricity in 2017.
Other emissions reduction activities	424	Decreased	10.2	Less natural gas and diesel fuel consumption due Bloom Energy System modification and efficiency improvements.
Divestment	17703	Decreased	69	Closed the Dallas, Texas manufacturing facility which accounted for 17,703 MT CO2e in 2016.
Acquisitions	0	No change		
Mergers	0	No change		
Change in output	0	No change		Production levels increased 6 percent.
Change in methodology	5490.3	Increased		Estimated Scope 1 and Scope 2 emissions from all worldwide design centers and sales offices.
Change in boundary	0	No change		
Change in physical operating conditions	0	No change		
Unidentified	0	No change		
Other	0	No change		

### C7.9b

**(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Market-based

### C8. Energy

#### C8.1

**(C8.1) What percentage of your total operational spend in the reporting year was on energy?**

More than 0% but less than or equal to 5%

#### C8.2

**(C8.2) Select which energy-related activities your organization has undertaken.**

	Indicate whether your organization undertakes this energy-related activity
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	No

#### C8.2a

**(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.**

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total MWh
Consumption of fuel (excluding feedstock)	HHV (higher heating value)	0	46732.64	46732.64
Consumption of purchased or acquired electricity	<Not Applicable>	91422.01	100015.25	191437.26
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Total energy consumption	<Not Applicable>	91422.01	146747.89	238169.9

C8.2b

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(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of steam	Yes
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

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(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

**Fuels (excluding feedstocks)**

Diesel

**Heating value**

HHV (higher heating value)

**Total fuel MWh consumed by the organization**

273.83

**MWh fuel consumed for the self-generation of electricity**

273.83

**MWh fuel consumed for self-generation of heat**

0

**MWh fuel consumed for self-generation of steam**

0

**MWh fuel consumed for self-generation of cooling**

<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**

<Not Applicable>

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**Fuels (excluding feedstocks)**

Natural Gas

**Heating value**

HHV (higher heating value)

**Total fuel MWh consumed by the organization**

46458.81

**MWh fuel consumed for the self-generation of electricity**

16717.11

**MWh fuel consumed for self-generation of heat**

29741.7

**MWh fuel consumed for self-generation of steam**

0

**MWh fuel consumed for self-generation of cooling**

<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**

<Not Applicable>

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C8.2d

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(C8.2d) List the average emission factors of the fuels reported in C8.2c.

**Diesel**

**Emission factor**

10.21

**Unit**

kg CO2 per gallon

**Emission factor source**

U.S. EPA Greenhouse Gas Emission Factors.

**Comment**

**Natural Gas**

**Emission factor**

53.06

**Unit**

kg CO2 per million Btu

**Emission factor source**

U.S. EPA Greenhouse Gas Emission Factors.

**Comment**

C8.2f

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**(C8.2f) Provide details on the electricity, heat, steam and/or cooling amounts that were accounted for at a low-carbon emission factor in the market-based Scope 2 figure reported in C6.3.**

**Basis for applying a low-carbon emission factor**

Power Purchase Agreement (PPA) with energy attribute certificates

**Low-carbon technology type**

Other low-carbon technology, please specify (Geothermal)

**MWh consumed associated with low-carbon electricity, heat, steam or cooling**

55664.2

**Emission factor (in units of metric tons CO2e per MWh)**

0.091

**Comment**

This is entirely from our facility in Cavite, Philippines that started receiving electricity only from renewable geothermal sources on January 01, 2017.

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**Basis for applying a low-carbon emission factor**

Contract with suppliers or utilities (e.g. green tariff), not supported by energy attribute certificates

**Low-carbon technology type**

Hydropower

**MWh consumed associated with low-carbon electricity, heat, steam or cooling**

1021.65

**Emission factor (in units of metric tons CO2e per MWh)**

0.024

**Comment**

---

**Basis for applying a low-carbon emission factor**

Contract with suppliers or utilities (e.g. green tariff), not supported by energy attribute certificates

**Low-carbon technology type**

Solar PV

**MWh consumed associated with low-carbon electricity, heat, steam or cooling**

11238.16

**Emission factor (in units of metric tons CO2e per MWh)**

0.048

**Comment**

---

**Basis for applying a low-carbon emission factor**

Contract with suppliers or utilities (e.g. green tariff), not supported by energy attribute certificates

**Low-carbon technology type**

Wind

**MWh consumed associated with low-carbon electricity, heat, steam or cooling**

21454.69

**Emission factor (in units of metric tons CO2e per MWh)**

0.011

**Comment**

---

**Basis for applying a low-carbon emission factor**

Contract with suppliers or utilities (e.g. green tariff), not supported by energy attribute certificates

**Low-carbon technology type**

Biomass (including biogas)

**MWh consumed associated with low-carbon electricity, heat, steam or cooling**

2043.3

**Emission factor (in units of metric tons CO2e per MWh)**

0.23

**Comment**

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**C9. Additional metrics**

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**C9.1**

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**(C9.1) Provide any additional climate-related metrics relevant to your business.**

## C10. Verification

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### C10.1

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**(C10.1) Indicate the verification/assurance status that applies to your reported emissions.**

	Verification/assurance status
Scope 1	No third-party verification or assurance
Scope 2 (location-based or market-based)	No third-party verification or assurance
Scope 3	No emissions data provided

### C10.2

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**(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?**

No, but we are actively considering verifying within the next two years

## C11. Carbon pricing

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### C11.1

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**(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?**

No, and we do not anticipate being regulated in the next three years

### C11.2

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**(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?**

No

### C11.3

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**(C11.3) Does your organization use an internal price on carbon?**

No, and we do not currently anticipate doing so in the next two years

## C12. Engagement

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### C12.1

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**(C12.1) Do you engage with your value chain on climate-related issues?**

Yes, our customers

Yes, other partners in the value chain

### C12.1b

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**(C12.1b) Give details of your climate-related engagement strategy with your customers.**

**Type of engagement**

Education/information sharing

**Details of engagement**

Run an engagement campaign to education customers about your climate change performance and strategy

**Size of engagement**

50

**% Scope 3 emissions as reported in C6.5**

0

**Please explain the rationale for selecting this group of customers and scope of engagement**

Maxim frequently completes detailed customer and investor surveys, several large customers and investors require this information to be provided annually.

**Impact of engagement, including measures of success**

Submission of all requested information which usually includes all environmental and sustainability metrics, safety statistics and enforcement results and history.

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**C12.1c**

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**(C12.1c) Give details of your climate-related engagement strategy with other partners in the value chain.**

Completion of surveys for customers and investors.

**C12.3**

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**(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?**

Trade associations

**C12.3b**

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**(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?**

Yes

**C12.3c**

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**(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.**

**Trade association**

Semiconductor Industry Association (SIA).

**Is your position on climate change consistent with theirs?**

Consistent

**Please explain the trade association's position**

The U.S. semiconductor industry, one of the country's top export sectors, is responsible for a fraction of one percent of U.S. greenhouse gas (GHG) emissions, according to the EPA's GHG Reporting Program data. Most of the industry's emissions are associated with the use of fluorinated gases (F-gases) used in complex manufacturing processes, without which advanced semiconductor manufacturing is not technically feasible. Although the industry contributes only a very small amount of GHG emissions, SIA and its members have been engaged in ongoing efforts to reduce these emissions. •Under a Memorandum of Understanding (MOU) with EPA, SIA members voluntarily reported on their emissions of PFCs, a category of GHGs. Under this agreement, SIA members reduced their collective absolute US emissions of F-gases by more than 35% since 1995; and down 50% from their peak in 1999. •SIA and its members have participated in the efforts of the World Semiconductor Council (WSC) to reduce emissions of PFCs. The global industry committed to a 10 percent reduction from a baseline year, and in 2011 the industry announced that it far surpassed this goal and achieved a reduction of 32 percent in absolute emissions. To build on this success, the global industry is implementing a new 10-year reduction goal.

**How have you, or are you attempting to, influence the position?**

We are consistent with the position and support it.

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**C12.3f**

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**(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?**

All direct and indirect activities are consistent with SIA's position on climate change. SIA represents Maxim Integrated and other U.S. semiconductor companies in regards to federal and state policy positions and initiatives on GHG emissions and climate change strategy. Processes include senior management and EHS management engagement with SIA leadership and technical members. As a member of SIA with Maxim leadership as one of the Board of Directors, Maxim has influence in determining SIA's approach and strategy pertaining to GHG issues.

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C12.4

(C12.4) Have you published information about your organization’s response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

**Publication**

No publications with information about our response to climate-related issues and GHG emissions performance

**Status**

<Not Applicable>

**Attach the document**

<Not Applicable>

**Content elements**

<Not Applicable>

C14. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

Last year’s CDP Report (CY2016) was published on Maxim's public website. The 2017 CDP will also be added for public viewing.

C14.1

(C14.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Corporate Director of Environmental Health and Safety.	Environment/Sustainability manager

SC. Supply chain module

SC0.0

(SC0.0) If you would like to do so, please provide a separate introduction to this module.

SC0.1

(SC0.1) What is your company’s annual revenue for the stated reporting period?

	Annual Revenue
Row 1	2382

SC0.2

(SC0.2) Do you have an ISIN for your company that you would be willing to share with CDP?

No

SC1.1

(SC1.1) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.

**Requesting member**

Abbott Laboratories

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO2e**

9.21

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

Alphabet, Inc.

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO2e**

168.81

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

Cisco Systems, Inc.

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO2e**

1179.57

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

HP Inc

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO2e**

54.98

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

HTC Corporation

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO<sub>2</sub>e**

1.08

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

Juniper Networks, Inc.

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO<sub>2</sub>e**

28.63

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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**Requesting member**

Nokia Group

**Scope of emissions**

Scope 1

**Emissions in metric tonnes of CO<sub>2</sub>e**

354.35

**Uncertainty (±%)**

1

**Major sources of emissions**

GHG emissions from semiconductor manufacturing processes.

**Verified**

No

**Allocation method**

Allocation based on the number of units purchased

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**

GHG usage amounts are tracked in combination with manufacturing process destruction factors and known abatement destruction rates of GHG compounds that survive the manufacturing process. Assumptions on the percentage of GHGs that survive each specific manufacturing process are based on GHG default emission factors provided by the U.S. EPA.

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SC1.2

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(SC1.2) Where published information has been used in completing SC1.1, please provide a reference(s).

CDP 2017 Report will be published on Maxim's public website.

SC1.3

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(SC1.3) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Allocation challenges	Please explain what would help you overcome these challenges
We face no challenges	

SC1.4

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(SC1.4) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

No

SC1.4b

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(SC1.4b) Explain why you do not plan to develop capabilities to allocate emissions to your customers.

We manufacture over one billion units for thousands of different customers using various processes, formulas and gases. We do not expect it to be possible to allocate specific GHG amounts and types to each customer's specific product in the future.

With total emissions we calculate customer share based on units sold. Therefore, we assume all units are manufactured using an equal amount of gas and type.

SC2.1

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(SC2.1) Please propose any mutually beneficial climate-related projects you could collaborate on with specific CDP Supply Chain members.

SC2.2

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(SC2.2) Have requests or initiatives by CDP Supply Chain members prompted your organization to take organizational-level emissions reduction initiatives?

No

SC3.1

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(SC3.1) Do you want to enroll in the 2018-2019 CDP Action Exchange initiative?

No

SC3.2

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(SC3.2) Is your company a participating supplier in CDP's 2017-2018 Action Exchange initiative?

No

SC4.1

---

(SC4.1) Are you providing product level data for your organization's goods or services, if so, what functionality will you be using?

No, I am not providing data

SC4.2d

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(SC4.2d) Have any of the initiatives described in SC4.2c been driven by requesting CDP Supply Chain members?

No

Submit your response

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In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	Public or Non-Public Submission	I am submitting to	Are you ready to submit the additional Supply Chain Questions?
I am submitting my response	Non-public	Investors Customers	Yes, submit Supply Chain Questions now

Please confirm below

I have read and accept the applicable Terms