

C0. Introduction

C0.1

(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

(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 2018	December 31 2018	No	<Not Applicable>

C0.3

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

- Philippines
- Thailand
- United States of America

C0.4

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

USD

C0.5

(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

C1.1

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

No

C1.1c

(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) Provide the highest management-level 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 (do not include the names of individuals).

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.

Integrated into multi-disciplinary company-wide risk identification, assessment, and management processes

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

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

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact figure

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 been 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

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

Intensity target

C4.1b

(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

Targeted % reduction from base year

3

Metric

Metric tons CO2e per metric ton of product

Base year

2017

Start year

2018

Normalized base year emissions covered by target (metric tons CO2e)

80.86

Target year

2018

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

% of target achieved

2.96

Target status

Underway

Please explain

CY2017 (baseline) normalized emissions were 80.86 vs. 78.47 in CY2018 for a 2.96 % reduction.

% change anticipated in absolute Scope 1+2 emissions

3

% change anticipated in absolute Scope 3 emissions

0

C4.2

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

C4.3

(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.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	2	1000
To be implemented*	2	2000
Implementation commenced*	0	0
Implemented*	0	0
Not to be implemented	2	2

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

C4.3c

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
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C4.5

(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

C5.1

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

Scope 1

Base year start

January 1 2017

Base year end

December 31 2017

Base year emissions (metric tons CO2e)

43736

Comment

Base year is CY2017 which represents a significant reduction from previous years (CY2011-2015).

Scope 2 (location-based)

Base year start

January 1 2017

Base year end

December 31 2017

Base year emissions (metric tons CO2e)

0

Comment

Scope 2 (market-based)

Base year start

January 1 2017

Base year end

December 31 2017

Base year emissions (metric tons CO2e)

50606

Comment

Base year is CY2017 which represents a significant reduction from previous years (CY2011-2015).

C5.2

(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

(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 gCO₂eq/kWh

Solar PV - Utility Scale: 48 gCO₂eq/kWh

Hydropower - 24 gCO₂eq/kWh

Wind Onshore - 11 gCO₂eq/kWh

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

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO₂e?

Reporting year

Gross global Scope 1 emissions (metric tons CO₂e)

49283

Start date

January 1 2018

End date

December 31 2018

Comment

C6.2

(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

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

<Not Applicable>

Scope 2, market-based (if applicable)

50693

Start date

January 1 2018

End date

December 31 2018

Comment

C6.4

(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

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

Purchased goods and services

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not calculated because not relevant.

Capital goods

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

See above.

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

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

See above.

Upstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will address in 2 years.

Waste generated in operations

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will address in 2 years.

Business travel

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will address in 2 years.

Employee commuting

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

This is not part of our scope.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not applicable.

Downstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will address in 2 years.

Processing of sold products

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will address in 2 years.

Use of sold products

Evaluation status

Not evaluated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not applicable, products are small components of larger systems.

End of life treatment of sold products

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not applicable, products are small components of larger systems.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not applicable.

Franchises

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

No franchises.

Investments

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Not applicable.

Other (upstream)

Evaluation status

Relevant, not yet calculated

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

Will evaluate in 2 years.

Other (downstream)

Evaluation status

Not relevant, explanation provided

Metric tonnes CO2e

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Explanation

NA

C6.7

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

No

C6.10

(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

0.00004

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

99975

Metric denominator

unit total revenue

Metric denominator: Unit total

2497000000

Scope 2 figure used

Market-based

% change from previous year

0.17

Direction of change

Increased

Reason for change

Was about the same (0.17 percent increase) but slightly more employees and more energy-intense operations and tools.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

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
CH4	4.03	IPCC Fourth Assessment Report (AR4 - 50 year)
CO2	8126	IPCC Fourth Assessment Report (AR4 - 50 year)
N2O	3080	IPCC Fourth Assessment Report (AR4 - 50 year)
HFCs	5613	IPCC Fourth Assessment Report (AR4 - 50 year)
PFCs	21179	Please select
SF6	8532	IPCC Fourth Assessment Report (AR4 - 50 year)
NF3	420	IPCC Fourth Assessment Report (AR4 - 50 year)

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)	718.6
United States of America	48537
Philippines	40.6
Thailand	1.5

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.	718.6	0	0
Headquarters/San Jose, CA. USA	3716.24	37.405415	121.94996
Beaverton, Oregon Manufacturing Center	44806	45.502095	122.824664
Cavite, Philippines Test Center	40.6	14.268811	120.92279
Chonburi, Thailand Test Center	1.5	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 (Design Centers)	0	5092	8365.72	0
United States of America	0	27109.41	102262.63	35983.12
Philippines	0	5169.44	56807	56807
Thailand	0	13322	22886.16	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 (32 locations).	0	5092
Beaverton, Oregon Manufacturing Center	0	26076
Headquarters Center in San Jose, California	0	1033.41
Cavite, Philippines Test Center	0	5169.44
Chonburi, Thailand Test Center	0	13322

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?

Increased

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	0	No change	0	This change was not significant. Emissions from non-renewable electricity decreased from 25, 984 to 25, 838 metric tons or 0.56%.
Other emissions reduction activities	166.43	Decreased	0.63	The Beaverton, Oregon plant used less electricity that resulted in slightly less emissions.
Divestment	0	Please select		
Acquisitions	0	Please select		
Mergers	0	Please select		
Change in output	5602	Increased	14.3	The Beaverton, Oregon plant increased production by 9.2% which contributed to the site's increase in Scope 1 emissions (5,602 MT or 14.3%).
Change in methodology	0	Please select		
Change in boundary	0	Please select		
Change in physical operating conditions	0	Please select		
Unidentified	0	Please select		
Other	0	Please select		

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)	Unable to confirm heating value	0	43465.59	43465.59
Consumption of purchased or acquired electricity	<Not Applicable>	92790.12	97531.39	190321.51
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>	92790.12	140996.98	233787.1

C8.2b

(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 heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(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

189.21

MWh fuel consumed for self-generation of electricity

189.21

MWh fuel consumed for self-generation of heat

0

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Comment

Diesel fuel was used for testing of emergency generators or providing electricity during power failures.

Fuels (excluding feedstocks)

Natural Gas

Heating value

HHV (higher heating value)

Total fuel MWh consumed by the organization

43276.38

MWh fuel consumed for self-generation of electricity

16004

MWh fuel consumed for self-generation of heat

27272.38

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self-cogeneration or self-trigeneration

<Not Applicable>

Comment

C8.2d

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

Diesel

Emission factor

73.96

Unit

kg CO2e per million Btu

Emission factor source

U.S. EPA Emission Factors for Greenhouse Gas Inventories dated April 04, 2014.

Comment

Natural Gas

Emission factor

53.06

Unit

kg CO2e per million Btu

Emission factor source

U.S. EPA Emission Factors for Greenhouse Gas Inventories dated April 04, 2014.

Comment

C8.2f

(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)

Region of consumption of low-carbon electricity, heat, steam or cooling

Asia Pacific

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

56807

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

0.091

Comment

This is entirely from our facility in Cavite, Philippines which received electricity from only from renewable geothermal sources from January 01, 2017 through December 31, 2018.

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

Region of consumption of low-carbon electricity, heat, steam or cooling

North America

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

974.83

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

Region of consumption of low-carbon electricity, heat, steam or cooling

North America

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

11487.88

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

Region of consumption of low-carbon electricity, heat, steam or cooling

North America

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

21522.95

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)

Region of consumption of low-carbon electricity, heat, steam or cooling

North America

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

1997.45

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

0.23

Comment

C9. Additional metrics

C9.1

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

C10. Verification

C10.1

(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

(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

C11.1

(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

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

No

C11.3

(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

C12.1

(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

(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 educate customers about the climate change impacts of (using) your products, goods, and/or services

% of customers by number

10

% Scope 3 emissions as reported in C6.5

0

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

Based on sales or number of units sold or customer inquiry. 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. No measurement surveys have been completed yet.

C12.1c

(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

(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

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

Yes

C12.3c

(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 influenced, or are you attempting to influence their position?

We are consistent with the position and support it.

C12.3f

(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.

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>

Page/Section reference

<Not Applicable>

Content elements

<Not Applicable>

Comment

Maxim Integrated Products published a Corporate Responsibility Report early-2019 that includes 2015-2017 Scope 1 and Scope 2 GHG emissions along with other sustainability metrics (CY2018 data was not available yet).

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 (CY2017) was published on Maxim's public website. The 2018 CDP will also be added for public viewing. The website also includes Maxim's 2019 Corporate Responsibility Report.

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 & Sustainability	Environmental, health and safety 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	2497000000

SC0.2

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

Yes

SC0.2a

(SC0.2a) Please use the table below to share your ISIN.

	ISIN country code (2 letters)	ISIN numeric identifier and single check digit (10 numbers overall)
Row 1	US	57772K1016

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

Alphabet, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

726.42

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emission totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Alphabet, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

747.21

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

Cisco Systems, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

944.43

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Cisco Systems, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

971.46

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

HP Inc

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

48.96

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

HP Inc

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

50.36

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

HTC Corporation

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.19

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

HTC Corporation

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.2

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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 emissions from purchased electricity.

Requesting member

Juniper Networks, Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

19.97

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Juniper Networks, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

20.54

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

Microsoft Corporation

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

24.79

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Microsoft Corporation

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

25,5

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

Nokia Group

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

378.6

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Nokia Group

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

389.43

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

Requesting member

Samsung Electronics

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

733.05

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from semiconductor manufacturing.

Verified

Yes

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 inventory management. Emissions totals are based on US EPA process destruction fractions and abatement specifications of GHG point of use abatement units.

Requesting member

Samsung Electronics

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

754.02

Uncertainty (±%)

1

Major sources of emissions

GHG emissions from purchased electricity.

Verified

Yes

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

Data provided by electricity supplier.

SC1.2

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

1. U.S. EPA Emission Factors for Greenhouse Gas Inventories.
2. U.S. EPA Power Profiler eGrid database.

SC1.3

(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

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

No

SC1.4b

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

Maxim Integrated manufactures 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

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

SC2.2

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

No

SC3.1

(SC3.1) Do you want to enroll in the 2019-2020 CDP Action Exchange initiative?

No

SC3.2

(SC3.2) Is your company a participating supplier in CDP's 2018-2019 Action Exchange initiative?

No

SC4.1

(SC4.1) Are you providing product level data for your organization's goods or services?

No, I am not providing data

Submit your response

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