

C0. Introduction

C0.1

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

Synaptics is a global leader and pioneer of human interface solutions, engineering innovative solutions that enable people to interact more easily and intuitively with a wide range of technologies, including smartphones, smart home devices, PCs, television peripherals, automotive, headsets, and AR/VR. We enable what you touch, hear, say and see through our advanced processors, SoCs, ICs DSPs, and enriched software technologies.

Synaptics is based in San Jose, California, with over 20 locations worldwide, and over 2000 employees, most of which (+70%) are in engineering roles. Synaptics is public company listed on the Nasdaq stock exchange since its IPO in 2002 and owns a growing portfolio of more than 1800 patents.

Synaptics was founded in 1986 by industry luminaries Federico Faggin and Carver Mead to commercialize their ideas around building silicon that computes as effectively as the human brain, duplicating the brain’s neural network onto computer chips. Blending synapse, the junction where impulses are transmitted, with electronics, the “Synaptics” name was born. Their vision catalyzed some of the most innovative products on the market today, such as the notebook PC touchpad; the capacitive touch phone; and the capacitive-touchscreen phone. Additional Synaptics milestones include the acquisitions of Validity Sensors (i.e., biometric fingerprint technology); Renesas SP Drivers (i.e., display driver technology); Conexant, Display Link, Broadcom’s Wireless IOT business; and most recently in 2021 the DSP Group, all allowing Synaptics to further diversify its markets. Synaptics continues to manufacture innovative technology, with the recent development of AI technology in Smart Edge products.

Through it all, Synaptics encourages its employees to cultivate a passion to make a difference in our world by contributing their time or talent to support worldwide organizations and causes. This includes participating in organized beach and city streets cleanups, helping hands for housing for humanity, hosting bike-to-work day energizer stations, judging local elementary schools STEAM Fairs, sponsoring the Silicon Valley Turkey Trot, walking the walk at the American Cancer Society Making Strides for Breast Cancer events, and even supporting orphanages in the Philippines – all to which the company and its passionate employees have donated countless hours and serious financial donations.

Synaptics also believes that diversity drives innovation, and its popular WIN program (Women in Network) has a mission to instill a sense of unity amongst the women of Synaptics. To create a space where women can connect on a personal and professional level, offering encouragement, support and inspiration to thrive in the company and beyond.

Synaptics recognizes the importance of being a “Green Partner” by protecting and maintaining the quality of the environment as an integral part of the company’s business operations and is committed to environmental responsibility in the conduct of its business. Synaptics strives to develop, manufacture, and market products that are safe for their intended use, efficient in their use of energy, are lead-free and protective of the environment. Our environmental policy encourages reuse and recycling of materials, purchasing products made from recycled materials, using recyclable packaging and other materials to conserve natural resources, and maintain recycling and reuse stations at its facilities where relevant. Synaptics also encourages disposing of end-of-life products in an environmentally safe and responsible manner.

Synaptics ignited the human interface revolution. Our products are built on the company’s storied research and development, extensive intellectual property and global partnerships. With solutions designed to optimize the human/machine user experience we combine ease of use, functionality and aesthetics to enable our customers products make users’ digital lives more productive, secure and enjoyable.

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
Reporting year	January 1 2021	December 31 2021	No	<Not Applicable>

C0.3

(C0.3) Select the countries/areas in which you operate.

- China
- France
- Germany
- Hong Kong SAR, China
- India
- Israel
- Japan
- Poland
- Republic of Korea
- Switzerland
- Taiwan, China
- United Kingdom of Great Britain and Northern Ireland
- 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 chosen approach for consolidating your GHG inventory.
Operational control

C0.8

(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, an ISIN code	US 87157D1090

C1. Governance

C1.1

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

C1.1a

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual(s)	Please explain
Board-level committee	The Synaptics' Governance committee is comprised of the Board Chairman plus three additional board members. The board meets quarterly with the Chief Sustainability Officer who provides updates on topics such as the progress on environmental targets and goals, facility energy reductions, additional sustainability investments and emerging climate regulations. The board monitors progress of Synaptics' sustainability strategy and provides guidance and feedback on climate related issues.

C1.1b

(C1.1b) Provide further details on the board’s oversight of climate-related issues.

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding annual budgets Reviewing and guiding business plans Monitoring implementation and performance of objectives Monitoring and overseeing progress against goals and targets for addressing climate-related issues	<Not Applicable>	Synaptics includes climate-related issues in some meeting discussions to guide future strategy, business planning and budgetary planning. The Chief Sustainability Officer provides direct updates to the executive board on key climate-related topics, such as energy reductions at facilities and manufacturing lower-energy consuming products. Additionally, goals and targets are implemented to measure progress towards a more sustainable future. For example, Synaptics is monitoring energy use at our facilities and tracking efficiency opportunities where they can be implemented. The Board stays abreast of all pending and emerging climate regulations that could be applicable to Synaptics’ operations.

C1.1d

(C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues	Primary reason for no board-level competence on climate-related issues	Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future
Row 1	No, and we do not plan to address this within the next two years	<Not Applicable>	Important but not an immediate priority	Currently, it is not an immediate priority for Synaptics. We have made considerable progress over the last 2-3 years and expect to continue to refine our strategy with expert environmental consulting support.

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)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Chief Sustainability Officer (CSO)	<Not Applicable>	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Half-yearly

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 Chief Sustainability Officer (CSO) reports directly to the Chief Executive Officer. The responsibilities of the role include the creation and management of a Synaptics sustainability vision and strategy, identification and prioritization of areas for sustainability efforts, recommending initiatives for proactively addressing relevant sustainability issues, the execution and monitoring of such initiatives and ensuring the necessary participation of all relevant stakeholders.

The CSO provides regular updates on environmental progress to the senior executive team and to the Board Governance Committee. The role of the Governance Committee, in relation to sustainability, is to ensure a sustainability vision and strategy are in place and to monitor progress through regular updates on Synaptics’ environmental strategy and program.

The company’s Sustainability Team, comprised of members from business units and departments within Synaptics, is chaired by the CSO and is responsible for the recommendation of sustainability initiatives, and the execution and monitoring of the results of such initiatives.

C1.3

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

	Provide incentives for the management of climate-related issues	Comment
Row 1	Yes	<p>Synaptics manufactures chips used in a variety of applications, that ensure the consumer is utilizing the least amount of required energy.</p> <p>Synaptics' employees are incentivized to continue the innovation process for lower energy demand products, as it directly and indirectly affects them as consumers.</p> <p>The Sustainability Committee is currently designing an "Eco-Challenge" to challenge employees in and out of the workplace to take steps to reduce their environmental impact. Incentives are incorporated as part of the challenge.</p>

C1.3a

(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Entitled to incentive	Type of Incentive	Activity Incentivized	Comment
Other, please specify (hardware and software engineers)	Monetary reward	Energy reduction project Other (please specify) (Energy consumption of the product, which in the case of Synaptics is the silicon chip)	<p>Synaptics is a leading provider for silicon chips and semiconductor components in a wide variety of consumer and industrial applications, including handheld mobile phone, tablets, touchscreens, audio devices, headsets, home assistant gadgets, networking and docking products, and automobile. Given the large footprint of products and solutions that we deliver, energy conservation and optimization at Synaptics is a paramount design parameter and is environmentally impactful and relevant. This helps not only the environment but also the user, in terms of enhanced battery life, less heat dissipated during operation, and greater performance for every watt of power expended.</p> <p>The energy efficiency starts from product design, wherein architectures are chosen which are inherently energy efficient. Further energy optimization is achieved when relevant power domains in the chip are turned off when not in operation. Design teams are incentivized to embrace and adopt power saving climate friendly architectures and for innovative product design that achieves energy reductions for the consumer. Delivering high performance consumer solutions while using minimum amount of power possible is a core engineering strength at Synaptics.</p>

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	5	
Medium-term	5	10	
Long-term	10	20	

C2.1b

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

Synaptics provides solutions in several markets (i.e., mobile applications and PC product applications) and any shift or negative impact to these markets, including pressure from competitors, would affect our business operations and revenue and constitute a substantive financial or strategic impact. Also, if we do not keep pace with technological innovations and changing markets, our revenue would suffer. Additionally, if we fail to maintain and build relationships with our customers, or our customers' products which utilize our solutions, our revenue may stagnate or decline. Our ability to compete successfully and continue growing as a company depends on our ability to adequately protect our proprietary technology and confidential information. We depend on third parties to maintain satisfactory manufacturing yields and delivery schedules, and their inability to do so could increase our costs, disrupt our supply chain, and result in our inability to deliver our products, which would adversely affect our operating results. Any disruption to our suppliers, including materials needed, would disrupt the rest of our operations and impact revenue.

Our manufacturing and assembly operations are primarily conducted in China, Taiwan, and Thailand by contract manufacturers and semiconductor fabricators. We have sales and logistics operations in Hong Kong, and sales and engineering design support operations in China, Denmark, India, Japan, Korea, Taiwan, UK, Poland and Switzerland. These international operations expose us to various economic, political, regulatory, and other risks that could adversely affect our operations and operating results, those risks include greater climate change regulations that may increase costs; and natural disasters, including earthquakes or tsunamis. For Synaptics, a risk creates a substantive change if it has a net financial impact of no less than 15% of operating income.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

Direct operations
Upstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

More than once a year

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

In Synaptics' processes, our evaluation and mitigation of climate risk that could have a substantive financial or strategic impact is integral to our financial security, and hence the reputational risks and opportunities are identified first, followed by operational risks and opportunities. We use a company-specific Climate Risk Screening Tool to determine which risks could have a substantive financial or strategic impact. Our tool integrates financial modeling with climate scenario analysis and relies on the TCFD's climate risk framework. We start by screening CDP's list of primary climate-related risk drivers against our business and their probability of occurrence as well as our control of the risks. We then use internal data to gauge primary potential financial impact, which we discount over the expected time horizon of occurrence (short, medium, long). We do this for both acute and chronic physical risks, and regulatory and market transition risks, in line with the TCFD framework. For example, we try to anticipate trends consumer preferences around corporate climate change action to reduce our reputational, or transitional, risks. In turn, we then take concrete actions such as installing onsite electric vehicle charging stations for our employees to help reduce their tailpipe emissions and its contribution to physical risks like global warming. Moreover, from a company perspective, processes and designs are consistently vetted with respect to regulations, customers' and suppliers' sustainability requests, and our own internal goals to minimize or avoid any potential reputational risks. We are a member of the Silicon Valley Leadership Group (SVLG) which helps us to track emerging risks and opportunities related to climate change. We also monitor and take into account stakeholder interest in our environmental programs, including: the number of customers that request CDP participation and require us to update them about our environmental progress. Periodically, existing policies and procedures are reviewed and audited to ensure conformance and quality control against existing guidelines and standards. We also look for ways to improve our efficiency through advanced processes to reduce emissions and have a positive impact on climate change. At the asset level, facilities are sited to be near customers and suppliers such that emissions from transportation and delivery are minimized, again decreasing climate impact. In 2021, Synaptics also took proactive measures to engage suppliers on climate-related sustainability information via an Environmental Questionnaire. We plan to continue the questionnaire annually.

C2.2a

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	As a company, we ensure our activities are in-line with current climate-related regulations and policy in the areas in which we operate. For example, in California we have made efforts to increase the share of renewable energy used by our San Jose facility in-line with the State's commitment, and corresponding policy, to transition to a more sustainable, clean energy economy by 2030.
Emerging regulation	Relevant, sometimes included	Synaptics is constantly looking at ways to reduce our carbon footprint, we work with: <ul style="list-style-type: none"> • The local gas and electricity utility to find ways to reduce our energy consumption • Private companies to improve energy efficiency and resiliency • The Silicon Valley Leadership Group Climate and Energy Team.
Technology	Relevant, always included	Improving energy efficiency is a principal goal in our research, development, and design processes. Synaptics is focused on developing very low power capabilities across all product lines from touch controllers to display drivers to our far-field voice and other solutions.
Legal	Relevant, sometimes included	As an extension of current and emerging climate-related regulations and requirements we evaluate the legal implications, i.e. potential exposure to litigation, as they become relevant. For example, our legal team provide an update to the Board on the proposal by the U.S. Securities and Exchange Commission (SEC) to require public companies to disclose climate-related information and risks consistently so investors can take more informed decisions.
Market	Relevant, sometimes included	Low-power product design is necessary for gaining and keeping market share in the semiconductor sector.
Reputation	Relevant, sometimes included	Synaptics is committed to its role as a corporate citizen in managing its carbon footprint and we are focused on the continuous improvement of processes and objectives to conserve energy minimizing generation of greenhouse gases that contribute to climate change.
Acute physical	Relevant, sometimes included	As a fabless semiconductor we rely on suppliers located in regions which are vulnerable to severe typhoons, tropical storms and earthquakes. As part of evaluating new suppliers we review their susceptibility to such severe weather and natural events and consider dual sources of supply to minimize such risk.
Chronic physical	Relevant, sometimes included	The semiconductor industry faces exposure to prolonged impacts from climate shifts. For example, as chip manufacturing requires significant amounts of ultrapure water for the rinsing process, persistent drought conditions could result in stranded assets or reduced production output. Through our supplier environmental questionnaire, Synaptics has determined 83% of our suppliers have completed a Water Assessment and that 92% believe water quality and quantity is important.

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?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Market	Changing customer behavior
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Primary potential financial impact

Decreased revenues due to reduced demand for products and services

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Information and computing technology is expected to account for as much as 20% of global energy demand by 2030, with hardware responsible for more of that footprint than system operation. While technological advances have enabled chips to become incredibly powerful while operating with far greater efficiency, the energy consumption required to produce them is increasing. Additionally, we have seen increased customer expectations around our sustainability commitments. Some of our key customers are showing increasing interest in not just Synaptics' commitment environmental commitment but also our suppliers' commitments to reduce emissions.

If Synaptics does not stay ahead of competitors in terms of energy efficiency, there is a potential market risk to the company of customers turning to more energy efficient chips to meet their needs. This in turn could impact our sales and revenue.

Time horizon

Medium-term

Likelihood

More likely than not

Magnitude of impact

Medium-low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

1000000

Potential financial impact figure – maximum (currency)

4000000

Explanation of financial impact figure

A CDP-specific, climate change risk financial impact model was employed to calculate this figure. The figures used in the calculation include Net Revenue (\$1447 MM in 2021), modified by several assumptions including the likelihood that it will happen over the given time horizon, the percentage of our revenue that may be impacted over that time horizon, and the level of control we have over mitigating the risk. The estimated financial impact presented as a range reflects that as a probability of "more likely than not" there is a 50%-60% chance of occurrence.

Cost of response to risk

3000000

Description of response and explanation of cost calculation

Our approach is proactive, Synaptics is committed to reducing the financial cost of its energy consumption by investing in energy efficiency. During the last two years, Synaptics has invested over \$3M in projects that significantly improve energy efficiency and continue to look for opportunities where renewable energy can be implemented at our facilities.

Comment

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Emerging regulation	Enhanced emissions-reporting obligations
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Primary potential financial impact

Increased indirect (operating) costs

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

The SEC's proposed rules on climate-related disclosures will constitute enhanced emissions reporting obligations for US publicly traded companies, such as Synaptics. Additional effort will be required to meet the requirements of this emerging regulation which will lead to increased operating costs.

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

120000

Potential financial impact figure – maximum (currency)

275000

Explanation of financial impact figure

A CDP-specific, climate change risk financial impact model was employed to calculate this figure. The figures used in the calculation include current SG&A costs (\$144.9 MM in 2021), modified by several assumptions including the likelihood that it will happen over the given time horizon, the percentage increase in consulting costs, and the level of control we have over mitigating the risk. The estimated financial impact presented as a range reflects that as a probability of "likely", there is a 70%-80% chance of occurrence.

Cost of response to risk

100000

Description of response and explanation of cost calculation

Specialists and consultant firms will cost about \$100K to assess gaps in our current program and climate reporting and make the necessary changes to meet the SEC's proposed rules on climate-related disclosures.

Comment

Identifier

Risk 3

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Acute physical	Cyclone, hurricane, typhoon
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Primary potential financial impact

Decreased revenues due to reduced production capacity

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Synaptics does not directly manufacture semiconductor wafers used in our products and we work with suppliers for all phases of the manufacturing process. Some of our suppliers have facilities in locations, for example Taiwan, that are expected to experience a greater frequency of tropical storms because of climate change. Our suppliers' operations and production output could potentially be affected by such tropical storms which in turn could affect the supply of components or wafers and negatively impact our ability to fulfill customer orders

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Medium

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

1200000

Potential financial impact figure – maximum (currency)

7350000

Explanation of financial impact figure

A CDP-specific, climate change risk financial impact model was employed to calculate this figure. The figures used in the calculation include Cost of Goods Sold (\$612 MM in 2021), modified by several assumptions including the likelihood that it will happen over the given time horizon, the percentage of our revenue that may be impacted over that time horizon, and the level of control we have over mitigating the risk. The estimated financial impact presented as a range reflects that as a probability a 30%-50% chance of occurrence.

Cost of response to risk

500000

Description of response and explanation of cost calculation

In response to this risk Synaptics is continuing to scope new suppliers to create redundancy in our supply chain network. The inherent risks presented by climate related disruptions necessitate locating and evaluating new foundries. Further, customer needs require that new foundries are vetted through a qualification process to understand

risks associated with the location and to reduce facility shutdowns. The costs associated with vetting the new suppliers is approximately \$500,000.

Comment

Identifier

Risk 4

Where in the value chain does the risk driver occur?

Upstream

Risk type & Primary climate-related risk driver

Emerging regulation	Carbon pricing mechanisms
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Primary potential financial impact

Increased direct costs

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

We do not manufacture the silicon wafers used for our products and do not own or operate a wafer fabrication facility. Instead, we are dependent on foundries to manufacture our product wafers using fabrication equipment and techniques that are relatively energy intensive. The introduction of fuel/energy taxes in locations where our suppliers are based could lead to increased operational costs that our suppliers may seek to pass on to their customers as direct costs.

Time horizon

Short-term

Likelihood

More likely than not

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

1400000

Potential financial impact figure – maximum (currency)

8000000

Explanation of financial impact figure

A CDP-specific, climate change risk financial impact model was employed to calculate this figure. The figures used in the calculation include Cost of Goods Sold (\$612 MM in 2021), modified by several assumptions including the likelihood that it will happen over the given time horizon, the percentage of our revenue that may be impacted over that time horizon, and the level of control we have over mitigating the risk. The estimated financial impact presented as a range reflects that as a probability of "likely", there is a 30%-50% chance of occurrence.

Cost of response to risk

0

Description of response and explanation of cost calculation

These facilities are the major operational hubs and integral to Synaptics' core business. During 2021 we requested and received data from our Tier 1 suppliers on their EMS metrics and

are continuously searching for opportunities to reduce emissions at our R&D/office facilities. Currently, Synaptics does not have a plan in place to address this risk. It is likely suppliers will pass through the higher cost of regulation.

Comment

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?

Downstream

Opportunity type

Products and services

Primary climate-related opportunity driver

Shift in consumer preferences

Primary potential financial impact

Increased revenues resulting from increased demand for products and services

Company-specific description

Synaptics' product lines are strategically positioned to take advantage of shifts towards the ever-increasing utilization of low power demand electronic devices. Examples of the substantial strategic decision influenced by the climate-related risks and opportunities, in our Smart Sensing and Display Division, Synaptics has developed leading- and cutting-edge touch controller solutions (compared to others in the market), providing low latency, low power solutions enabling consumer electronics to lower their power consumption and reduce associated carbon emissions.

In our PC and Peripherals Division we are building on the success of our last PC docking product which saved 29% power compared to the next best solution, with two new products, one for portable docking stations and the other for video protocol converters (DP to HDMI). Both achieve greater power savings – 58% and 65% less power than the next best solution on the market. The power savings are realized through research and development focused on system and circuit architecture optimized for the most power efficient technology features and the reliance on Synaptics IP design with a focus on minimal power consumption. In our Wireless Sensing and Display Division we are developing Low Power Artificial Intelligence (LPAI) solutions for devices used in smart homes, voice enabled remote controls, tablets, smart meters and more. Our LPAI initiative improves the overall power consumption of device such that these devices can be powered by very small batteries. This is achieved by implementing a device state where most of the working blocks go into hibernation mode until an external event is triggered. We are using similar technology across our portfolio such as the use of our Ultra Low Energy technology in smart sensors, where we have enhanced the battery life used in these sensors by 3x. We are also developing WiFi and Bluetooth combination products with ultra-low power consumption by taking advantage of new power management techniques and implementing the latest power saving advancements in wireless standards.

Time horizon

Medium-term

Likelihood

More likely than not

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

20000000

Potential financial impact figure – maximum (currency)

40000000

Explanation of financial impact figure

Synaptics is strategically positioned to capitalize on increased customer demand for energy efficiency products and services due to our low power product designs. Based on internal calculations of potential market expansion for our products, we estimated a positive financial impact ranging from \$5,000,000 to \$10,000,000.

Cost to realize opportunity

3000000

Strategy to realize opportunity and explanation of cost calculation

Synaptics continues to monitor customer requirements as they relate to the energy transition and the need to reduce energy consumption and emissions in products. We are preparing and accommodating for this need by investing in low power product designs. We estimate approximately \$5,000,000 has been invested in R&D for new energy efficient products.

Comment**Identifier**

Opp2

Where in the value chain does the opportunity occur?

Downstream

Opportunity type

Markets

Primary climate-related opportunity driver

Access to new markets

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

Based on the increasing number of customer requests for environmental data, Synaptics see an opportunity to enhance our relations with our customers through our environmental leadership and commitment. Financial implications of improving customer relations include attracting and retaining customers to maintain and grow our revenue. As an example, customer requests for emissions data was a major driver behind our supplier environmental questionnaire and Scope 3 data collection. We intend to expand the questionnaire in the coming years and begin moving towards science based targets to further demonstrate our commitment.

Time horizon

Medium-term

Likelihood

About as likely as not

Magnitude of impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

2000000

Potential financial impact figure – maximum (currency)

4000000

Explanation of financial impact figure

Synaptics is engaging with our customers, specifically in the electronic goods space, to help demonstrate our commitment to responsible production, energy efficiency, and sustainability. We estimate the impact from these engagements on our sales to be 1% of our net revenue (\$20,000,000)

Cost to realize opportunity

100000

Strategy to realize opportunity and explanation of cost calculation

Synaptics is using outside specialists and consultant firms to help drive our sustainability agenda and communicate our progress to our customers. The cost of using such firms is about \$100k.

Comment

C3. Business Strategy

C3.1

(C3.1) Does your organization's strategy include a transition plan that aligns with a 1.5°C world?

Row 1

Transition plan

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a transition plan within two years

Publicly available transition plan

<Not Applicable>

Mechanism by which feedback is collected from shareholders on your transition plan

<Not Applicable>

Description of feedback mechanism

<Not Applicable>

Frequency of feedback collection

<Not Applicable>

Attach any relevant documents which detail your transition plan (optional)

<Not Applicable>

Explain why your organization does not have a transition plan that aligns with a 1.5°C world and any plans to develop one in the future

Explain why climate-related risks and opportunities have not influenced your strategy

<Not Applicable>

C3.2

(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	Yes, qualitative and quantitative	<Not Applicable>	<Not Applicable>

C3.2a

(C3.2a) Provide details of your organization’s use of climate-related scenario analysis.

Climate-related scenario		Scenario analysis coverage	Temperature alignment of scenario	Parameters, assumptions, analytical choices
Transition scenarios	IEA SDS	Company-wide	<Not Applicable>	Synaptics has started the process of modeling the impact of a future climate-related scenario in which the world transitions rapidly to a low-carbon economy and prevents warming above 1.8°C by 2100 in-line with the International Energy Agency’s (IEA) Sustainable Development Scenario (SDS). The IEA SDS climate scenario has been used to model Transition Risks within our company-specific Climate Risk Screening Tool to determine which risks could have a substantive financial or strategic impact. Under this model there are several inputs and assumptions, including that there is a staggered introduction of CO2 prices and the elimination of fossil fuel subsidies over the next decade in the areas where we operate. There is also the assumption that states and utilities will help companies achieve decarbonization through raising renewable portfolio standards to help businesses hit net-zero GHG emissions by a 2050 time horizon, which is-line with Synaptics climate change strategy. As a contrasting model, we have evaluated operations’ impacts under a business-as-usual scenario (RCP 8.5), but will make strategy decision efforts aligning towards the IEA SDS model. For the initial screening exercise, we modeled the impact of changing climate regulations on carbon pricing and its financial impact on our direct operations and upstream chip foundries. The results revealed a likely increase in operating costs as a result of increasing transportation costs due to the removal of fossil fuel consumption subsidies, and our suppliers passing on the costs of carbon taxes to us over the next decade. As a result of this analysis, we have already conducted outreach with our Tier 1 suppliers on EMS metrics and plan to further engage around environmental metrics in the future. Synaptics is currently focusing on aggregating information about our suppliers.
Physical climate scenarios	RCP 8.5	Company-wide	<Not Applicable>	Synaptics has started the process of modeling the impact of a future climate-related scenario in which the world transitions rapidly to a low-carbon economy and prevents warming above 1.8°C by 2100 in-line with the International Energy Agency’s (IEA) Sustainable Development Scenario (SDS). The IEA SDS climate scenario has been used to model Transition Risks within our company-specific Climate Risk Screening Tool to determine which risks could have a substantive financial or strategic impact. Under this model there are several inputs and assumptions, including that there is a staggered introduction of CO2 prices and the elimination of fossil fuel subsidies over the next decade in the areas where we operate. There is also the assumption that states and utilities will help companies achieve decarbonization through raising renewable portfolio standards to help businesses hit net-zero GHG emissions by a 2050 time horizon, which is-line with Synaptics climate change strategy. As a contrasting model, we have evaluated operations’ impacts under a business-as-usual scenario (RCP 8.5), but will make strategy decision efforts aligning towards the IEA SDS model. For the initial screening exercise, we modeled the impact of changing climate regulations on carbon pricing and its financial impact on our direct operations and upstream chip foundries. The results revealed a likely increase in operating costs as a result of increasing transportation costs due to the removal of fossil fuel consumption subsidies, and our suppliers passing on the costs of carbon taxes to us over the next decade. As a result of this analysis, we have already conducted outreach with our Tier 1 suppliers on EMS metrics and plan to further engage around environmental metrics in the future. Synaptics is currently focusing on aggregating information about our suppliers.

C3.2b

(C3.2b) Provide details of the focal questions your organization seeks to address by using climate-related scenario analysis, and summarize the results with respect to these questions.

Row 1

Focal questions

For the initial screening exercise, we modeled the impact of changing climate regulations on carbon pricing and its financial impact on our direct operations and upstream chip foundries.

Results of the climate-related scenario analysis with respect to the focal questions

The results revealed a likely increase in operating costs as a result of increasing transportation costs due to the removal of fossil fuel consumption subsidies, and our suppliers passing on the costs of carbon taxes to us over the next decade. As a result of this analysis, we have already conducted outreach with our Tier 1 suppliers on EMS metrics and plan to further engage around environmental metrics in the future. Synaptics is currently focusing on engaging with our suppliers on climate-related sustainability information.

C3.3

(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Synaptics is focused on developing very low power capabilities across our product lines from touch controllers to display drivers to our far-field voice and other solutions. To provide an example of the substantial strategic decision influenced by the climate-related risks and opportunities, Synaptics has developed touch controllers that are leading and cutting-edge solutions as compared to other products in the market, and provide low latency low power solutions that enable these consumer electronics to lower their power consumption and hence reduce associated carbon emissions. Innovative techniques such as deep sleep mode, shutting off domains when not in use, finger/pen wake up, and low standby power are the hallmarks of the designs architected by Synaptics engineers. The time horizons covered fall within short to long-term as product development is ongoing.
Supply chain and/or value chain	Yes	Synaptics is constantly reviewing opportunities to minimize energy consumption in our office buildings, data centers and supplier facilities that manufacture our products. To provide an example, in 2022 we are reducing floor area in our San Jose headquarters floor area by 37%, in Japan by 27% and Cambridge 52% which will reduce our energy consumption. We are also ensuring our major suppliers are adopting environmental policies, having developed a supplier questionnaire to ensure they have an environmental policy and framework in place. This is the initial step in our strategy to ensure we consider the environmental impact of our full value chain. The time horizon covered would fall within the short-term.
Investment in R&D	Yes	Synaptics is focused on developing very low power capabilities across our product lines from touch controllers to display drivers to our far-field voice and other solutions. To provide an example of the substantial strategic decision influenced by the climate-related risks and opportunities, Synaptics’ audio products ship out to a large number of customers that provide consumer solutions for home personal assistants which are voice activated. These solutions are typically operating in deep sleep, sipping on a very small amount of energy. Only when a keyword is detected from the user, that the chip is woken up to process and execute the voice command instructions from the user, such as setting the thermostat, or playing their favorite music. Since the hardware is in sleep mode for majority of the time, it results in substantial energy savings and help to reduce the carbon footprint of our multiple customers and their subsequent consumers. The time horizons covered would fall within the short to long-term as investment in R&D is ongoing. Although the portion of R&D devoted specifically to reducing power consumption in our products is difficult to determine, our investment in R&D is in excess of \$200 million/year.
Operations	Yes	Synaptics is constantly reviewing opportunities to minimize energy consumption in our office buildings, data centers and supplier facilities that manufacture our products. To provide an example, our UK moved to using renewable energy in 2021. To encourage our employees to adopt a more environmentally responsible mindset, we provide e-vehicle charging free of charge to our employees at our largest office in San Jose, California. The time horizon covered would fall within the short-term.

C3.4

(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Indirect costs Capital expenditures Capital allocation	Climate-related risks and opportunities have influenced Synaptics energy strategy, which is comprised of two major tenets, firstly, to reduce energy consumption in our offices and data centers, and secondly as more and more renewable energy is brought online globally, to take advantage of the opportunity and adopt renewable energy sources. In past years we upgraded our air conditioning and lighting systems to be more energy efficient and moved our headquarters to 100% renewable energy. In 2021, we undertook a review of our facilities with the objective of reducing floor area and energy consumption. we consolidated our four Taiwan locations into one facility and are now reducing floor area in our San Jose CA, Japan and Cambridge, UK facilities. Additionally, we are continuing to make progress on our efforts to move additional workloads to cloud data centers, which are more energy efficient than our own. Our budgets reflect this change with reductions in expenditure of on-premise capital expenditure and increases in cloud operating expenditure. Each year we review our environmental initiatives and incorporate the investment required (if any) and/or the savings expected. For example, at the beginning of 2020 we planned to move a newly acquired location in the UK to renewable energy. Time horizon covered would fall within the short-term.

C4. Targets and performance

C4.1

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

Absolute target

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Year target was set

2020

Target coverage

Company-wide

Scope(s)

Scope 1

Scope 2

Scope 2 accounting method

Market-based

Scope 3 category(ies)

<Not Applicable>

Base year

2019

Base year Scope 1 emissions covered by target (metric tons CO2e)

66.03

Base year Scope 2 emissions covered by target (metric tons CO2e)

4258.44

Base year Scope 3 emissions covered by target (metric tons CO2e)

<Not Applicable>

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

4324.47

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

1.53

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

98.47

Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

<Not Applicable>

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

Target year

2024

Targeted reduction from base year (%)

15

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

3675.7995

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

41.93

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

1875.75

Scope 3 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

1917.68

% of target achieved relative to base year [auto-calculated]

371.03429244894

Target status in reporting year

Achieved

Is this a science-based target?

No, but we anticipate setting one in the next 2 years

Target ambition

<Not Applicable>

Please explain target coverage and identify any exclusions

In 2020, Synaptics set a goal to reduce our absolute Scope 1 & 2 (market-based) GHG emissions by 15%, relative to our 2019 baseline year, by 2024.

Plan for achieving target, and progress made to the end of the reporting year

<Not Applicable>

List the emissions reduction initiatives which contributed most to achieving this target

In 2020, Synaptics began evaluating office consolidation. During 2021, several offices were closed, helping to lower our emissions through lower energy demand. In addition, our San Jose, CA facility made a full transition to 100% renewable energy during 2021. We intend to complete a review of our target during 2022 with the intent of adopting a more challenging target beyond 2024.

C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Target(s) to increase low-carbon energy consumption or production

C4.2a

(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.

Target reference number

Low 1

Year target was set

2019

Target coverage

Company-wide

Target type: energy carrier

Electricity

Target type: activity

Consumption

Target type: energy source

Renewable energy source(s) only

Base year

2019

Consumption or production of selected energy carrier in base year (MWh)

2154.5

% share of low-carbon or renewable energy in base year

18

Target year

2024

% share of low-carbon or renewable energy in target year

100

% share of low-carbon or renewable energy in reporting year

62.1

% of target achieved relative to base year [auto-calculated]

53.780487804878

Target status in reporting year

Underway

Is this target part of an emissions target?

Abs1

Is this target part of an overarching initiative?

No, it's not part of an overarching initiative

Please explain target coverage and identify any exclusions

In 2020, Synaptics set a target to increase our renewable energy (electricity) consumption to 50% globally by 2024.

Plan for achieving target, and progress made to the end of the reporting year

Synaptics is focused on increased renewable sourcing where able. The primary action that contributed to further progress was the shift to 100% renewable sourcing at our San Jose and our Cambridge, UK facility.

List the actions which contributed most to achieving this target

<Not Applicable>

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	
To be implemented*	4	467.46
Implementation commenced*	5	467.46
Implemented*	2	1272.28
Not to be implemented	1	

C4.3b

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

Initiative category & Initiative type

Low-carbon energy consumption	Low-carbon electricity mix
-------------------------------	----------------------------

Estimated annual CO2e savings (metric tonnes CO2e)

1073.85

Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

0

Investment required (unit currency – as specified in C0.4)

50000

Payback period

<1 year

Estimated lifetime of the initiative

Ongoing

Comment

Initiative category & Initiative type

Company policy or behavioral change	Site consolidation/closure
-------------------------------------	----------------------------

Estimated annual CO2e savings (metric tonnes CO2e)

198.43

Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

100000

Investment required (unit currency – as specified in C0.4)

1200000

Payback period

11-15 years

Estimated lifetime of the initiative

Ongoing

Comment

C4.3c

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

Method	Comment
Employee engagement	
Internal incentives/recognition programs	
Financial optimization calculations	

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?

No

C5. Emissions methodology

C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

C5.1a

(C5.1a) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

Row 1

Has there been a structural change?

Yes, an acquisition

Name of organization(s) acquired, divested from, or merged with

DSP Group

Details of structural change(s), including completion dates

On December 2nd 2021, Synaptics acquired DSP Group, a leading global provider of voice processing and wireless chipset solutions. The acquisition involved 12 offices across 10 countries. Post acquisition, Synaptics closed 7 offices, with offices remaining in Israel, India, Hong Kong, Germany and Korea. With the closure of these offices and the unavailability of a full year of emissions data, Synaptics has not yet determined if the acquisition will have a material impact on our environmental targets. A review of our 2024 environmental targets will be conducted in late 2022 taking into account the new DSP Group offices and adjustments made if needed.

C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
Row 1	No	<Not Applicable>

C5.1c

(C5.1c) Have your organization's base year emissions been recalculated as result of the changes or errors reported in C5.1a and C5.1b?

	Base year recalculation	Base year emissions recalculation policy, including significance threshold
Row 1	No, because we have not evaluated whether the changes should trigger a base year recalculation	On December 2nd 2021, Synaptics acquired DSP Group, a leading global provider of voice processing and wireless chipset solutions. The acquisition involved 12 offices across 10 countries. Post acquisition, Synaptics closed 7 offices, with offices remaining in Israel, India, Hong Kong, Germany and Korea. With the closure of these offices and the unavailability of a full year of emissions data, Synaptics has not yet determined if the acquisition will have a material impact on our environmental targets. A review of our 2024 environmental targets will be conducted in late 2022 taking into account the new DSP Group offices and adjustments made if needed.

C5.2

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

Scope 1

Base year start

January 1 2019

Base year end

December 31 2019

Base year emissions (metric tons CO2e)

66.03

Comment

Scope 2 (location-based)

Base year start

January 1 2019

Base year end

December 31 2019

Base year emissions (metric tons CO2e)

4669.97

Comment

Scope 2 (market-based)

Base year start

January 1 2019

Base year end

December 31 2019

Base year emissions (metric tons CO2e)

4258.44

Comment

Scope 3 category 1: Purchased goods and services

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 2: Capital goods

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 4: Upstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 5: Waste generated in operations

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 6: Business travel

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 7: Employee commuting

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 8: Upstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 9: Downstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 10: Processing of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 11: Use of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 12: End of life treatment of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 13: Downstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 14: Franchises

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 15: Investments

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (upstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (downstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

ABI Energia Linee Guida
IEA CO2 Emissions from Fuel Combustion
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
US EPA Emissions & Generation Resource Integrated Database (eGRID)

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)

41.93

Start date

<Not Applicable>

End date

<Not Applicable>

Comment

C6.2

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

Row 1

Scope 2, location-based

We are 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

2948.87

Scope 2, market-based (if applicable)

1875.75

Start date

<Not Applicable>

End date

<Not Applicable>

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 gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

179670.41

Emissions calculation methodology

Supplier-specific method

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

1.12

Please explain

For 2021, Synaptics conducted a survey of our suppliers who responded with their Scope 1 and Scope 2 emissions for 2021 and Synaptics' share of these emissions.

Capital goods

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions.

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

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

All fuel and energy related activities are underway to be included in our Scope 1 and 2 assessment, therefore this category is not applicable.

Upstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions.

Waste generated in operations

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is a fabless semiconductor, collecting this data may be complex. During 2022 we will consider adding this to our supplier questionnaire.

Business travel**Evaluation status**

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions. This was not prioritized for 2021 due to COVID-19 which curtailed business travel for the last 2 years.

Employee commuting**Evaluation status**

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions. A large number of our employees globally utilize public transport, therefore, we are determining the value of collecting emissions data.

Upstream leased assets**Evaluation status**

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics does not have any upstream leased assets, therefore this category is not applicable.

Downstream transportation and distribution**Evaluation status**

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions.

Processing of sold products**Evaluation status**

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Emissions related to these products are de minimus

Use of sold products

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Emissions related to these products are de minimus

End of life treatment of sold products

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics is currently reviewing the impacts of our operations on both our direct and indirect emissions. As our sustainability program continues to develop, we will be looking to further understand our Scope 3 emissions.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics does not have any downstream leased assets, therefore this is not applicable.

Franchises

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

Synaptics does not have any franchises, therefore this is not applicable.

Investments

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

In our business we do not hold significant investments that are not already included in our emissions reporting (in Scope 1 and 2).

Other (upstream)

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

At this time Synaptics has not identified any additional upstream sources for Scope 3 impacts. We will continue to reassess this as we develop our internal sustainability program.

Other (downstream)

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

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

<Not Applicable>

Please explain

At this time Synaptics has not identified any additional downstream sources for Scope 3 impacts. We will continue to reassess this as we develop our internal sustainability program.

C6.7

(C6.7) Are carbon dioxide emissions from biogenic 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

0.000002064

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

2990.79

Metric denominator

unit total revenue

Metric denominator: Unit total

1447000000

Scope 2 figure used

Location-based

% change from previous year

23.3

Direction of change

Decreased

Reason for change

Synaptics had a 10% decrease in CO2 emissions and an 8% increase in revenue from the previous year, contributing to an overall lower intensity value.

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
CO2	41.88	IPCC Fifth Assessment Report (AR5 – 100 year)
CH4	0.02	IPCC Fifth Assessment Report (AR5 – 100 year)
N2O	0.02	IPCC Fifth Assessment Report (AR5 – 100 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)
Taiwan, China	0
Japan	0
India	0
China	0
Republic of Korea	0
Poland	0
United Kingdom of Great Britain and Northern Ireland	5.13
United States of America	36.79

C7.3

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

- By facility
- By activity

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
Atlanta, GA	0	33.98519	-84.2384
Bangalore, ID	0	12.92987	77.68484
Beijing, CN - Yizhuang	0	39.780549	116.51825
Chengdu, CN	0	30.551306	104.07068
Hong Kong, CN	0	22.30242	114.1917
Hsinchu, TW	0	24.83469	120.9934
Hyderabad, ID	0	18.11244	79.0193
Irvine, CA	2.35	33.68325	-117.834
Nakano, JP	0	35.70568	139.6694
San Jose, CA	34.44	37.3903	-121.896
Seoul, KR	0	37.507667	127.058098
Shanghai, CN - Pudong	0	31.204639	121.588869
ShenZhen, CN	0	22.53301	113.9305
Taipei, TW - BenQ	0	25.080962	121.564743
Taipei, TW - Tiding	0	25.082846	121.561659
Beijing, CN -Beichin	0	39.988841	116.496877
Katowice, PL	0	50.234498	18.976964
Taipei, TW - DL	0	25.039686	121.569377
Cambridge, UK	5.13	52.22977	0.14864
Taipei, TW - Utown	0	25.061621	121.647987

C7.3c

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

Activity	Scope 1 emissions (metric tons CO2e)
Office/R&D	41.93

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)
United States of America	1014.99	79.03
Taiwan, China	597.14	597.14
Japan	182.48	182.48
India	376.84	376.84
China	603.93	603.93
Republic of Korea	7.84	7.84
Poland	28.49	28.49
United Kingdom of Great Britain and Northern Ireland	137.16	0

C7.6

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

- By facility
- By activity

C7.6b

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

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Atlanta, GA	29.37	29.43
Bangalore	341.22	341.22
Beijing, CN - Yizhuang	4.67	4.67
Chengdu, CN	74.86	74.86
Hong Kong, CN	27.77	27.77
Hsinchu, TW	108.05	108.05
Hyderabad, ID	35.63	35.63
Irvine, CA	48.92	49.6
Nakano, JP	182.48	182.48
San Jose, CA	936.69	0
Seoul, KR	7.84	7.84
Shanghai, CN - Pudong	424.9	424.9
ShenZhen, CN	53.01	53.01
Taipei, TW - BenQ	167.46	167.46
Taipei, TW - Tiding	241.06	241.06
Beijing, CN -Beichin	18.71	18.71
Cambridge, UK	137.16	0
Taipei, TW - DL	7.86	7.86
Katowice, PL	28.49	28.49
Taipei, TW - Utown	72.7	72.7

C7.6c

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

Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Office/R&D	2948.87	1875.75

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	646.04	Decreased	21.9	Synaptics continues to explore renewable energy sourcing, where we are able. As a result, we have implemented 100% renewable energy at our San Jose and Cambridge facilities and decreased our total Scope 1 and 2 market-based emissions from the previous year by ~35%. [Change in emissions (646.04 MT CO2e) / previous year's Scope 1 and 2 market-based emissions 2955.36 MT CO2e] * 100 = 21.9%
Other emissions reduction activities	467.42	Decreased	15.8	Synaptics continues to implement energy efficiency opportunities, where we are able. As a result, we decreased our Scope 1 and 2 market-based emissions from the previous year by ~35%. [Change in emissions (220.31 MT CO2e) / previous year's Scope 1 and 2 market-based emissions 2,955.36 MT CO2e] * 100 = 15.8%.
Divestment	0	No change		This is not applicable
Acquisitions	0	No change		This is not applicable
Mergers	0	No change		This is not applicable
Change in output	0	No change		This is not applicable
Change in methodology	0	No change		This is not applicable
Change in boundary	0	No change		This is not applicable
Change in physical operating conditions	0	No change		This is not applicable
Unidentified	0	No change		This is not applicable
Other	0	No change		This is not applicable

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 undertook this energy-related activity in the reporting year
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 (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	Unable to confirm heating value	0	2312.81	2312.81
Consumption of purchased or acquired electricity	<Not Applicable>	5188.52	3171.74	8360.28
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>	5188.52	5484.55	10673.09

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	No
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.

Sustainable biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Other biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Other renewable fuels (e.g. renewable hydrogen)

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Coal

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Oil

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Gas

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

2312.81

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Other non-renewable fuels (e.g. non-renewable hydrogen)

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

Total fuel

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

2312.81

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

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

C8.2e

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

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Low-carbon energy mix, please specify (low-carbon energy mix)

Country/area of low-carbon energy consumption

United States of America

Tracking instrument used

Contract

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

4536.66

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

Comment

Synaptics entered into an agreement with GreenSource beginning February 2019. In 2021, Synaptics updated our contract to specify 100% procurement of renewable energy for our San Jose, California facility.

Sourcing method

Direct procurement from an off-site grid- connected generator e.g. Power purchase agreement (PPA)

Energy carrier

Electricity

Low-carbon technology type

Low-carbon energy mix, please specify (low-carbon energy mix)

Country/area of low-carbon energy consumption

United Kingdom of Great Britain and Northern Ireland

Tracking instrument used

Contract

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

651.88

Country/area of origin (generation) of the low-carbon energy or energy attribute

United Kingdom of Great Britain and Northern Ireland

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

Comment

Synaptics entered into an agreement with T Total Gas & Power Ltd beginning August 2019. For 2021, Synaptics updated our contract to specify 100% procurement of renewable energy for our Cambridge, UK facility

C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

Country/area

China

Consumption of electricity (MWh)

963.82

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

963.82

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

India

Consumption of electricity (MWh)

519

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

519

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

Japan

Consumption of electricity (MWh)

373.32

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

373.32

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

Republic of Korea

Consumption of electricity (MWh)

15.16

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

15.16

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

Poland

Consumption of electricity (MWh)

42.65

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

42.65

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

Taiwan, China

Consumption of electricity (MWh)

954.35

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

954.35

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

United Kingdom of Great Britain and Northern Ireland

Consumption of electricity (MWh)

651.88

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

651.88

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

Country/area

United States of America

Consumption of electricity (MWh)

4840.09

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

4840.09

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

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 third-party verification or assurance

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, we do not verify any other climate-related information reported in our CDP disclosure

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 suppliers
Yes, our customers/clients

C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Type of engagement

Information collection (understanding supplier behavior)

Details of engagement

Collect climate change and carbon information at least annually from suppliers

% of suppliers by number

100

% total procurement spend (direct and indirect)

57

% of supplier-related Scope 3 emissions as reported in C6.5

Rationale for the coverage of your engagement

In 2021, Synaptics engaged our manufacturing suppliers to better understand our supplier's behavior related to with environmental strategy, targets and climate-related metrics.

Impact of engagement, including measures of success

Synaptics uses this data to identify potential future opportunities, measures of success include identifying efficiency updates that can be made or collaborations with suppliers on climate related issues. For a company-specific example, Synaptics developed a Supplier Climate Change Questionnaire, that determines if the supplier has implemented ISO14001 or a Climate Change, greenhouse gas (GHG) reduction strategy and whether a program is in place to measure the reduction of GHG's over time. As water is an important part of wafer manufacturing, the questionnaire also requested input on the supplier's approach to water management.

Comment

C12.1b

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

Type of engagement & Details of engagement

Education/information sharing	Run an engagement campaign to education customers about your climate change performance and strategy
-------------------------------	--

% of customers by number

100

% of customer - related Scope 3 emissions as reported in C6.5

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

We have a public initiative to improve education, awareness-raising and employee and company capacity on climate change mitigation, adaptation, and impact reduction through on-going activities. We have promoted this initiative to all our customers through our Sustainability Plan on our corporate website. We believe all customers should have visibility into our corporate climate change strategy, including our initiatives and targets.

Impact of engagement, including measures of success

In 2021, we continued measuring success via an internal survey to gauge employee awareness of Synaptics' ESG initiatives and goals, gain a better understanding of available resources and anticipated challenges to achieving goals, and understand potential additional ESG areas for future strategic focus. We plan to expand these activities to our customers in the future and will measure their awareness via survey feedback. The level of customer awareness of our climate strategy will correspond to the level of success of our engagement activities.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

No, but we plan to introduce climate-related requirements within the next two years

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

Yes, we engage indirectly through trade associations

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

No, but we plan to have one in the next two years

Attach commitment or position statement(s)

<Not Applicable>

Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

Processes in place to ensure our activities that influence policy are consistent with our overall climate change strategy includes adherence to our public Corporate Environmental Policy, which ensures a consistent approach to our climate engagement activities across business divisions and countries, and our Climate Change Management program, which provides all employees with guidance on our approach to climate change mitigation, adaptation, and impact reduction through on-going education and support of employee environmental initiatives.

Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

C12.3b

(C12.3b) Provide details of the trade associations your organization engages with which are likely to take a position on any policy, law or regulation that may impact the climate.

Trade association

Other, please specify (Silicon Valley Leadership Group (SLVG))

Is your organization's position on climate change consistent with theirs?

Consistent

Has your organization influenced, or is your organization attempting to influence their position?

We publicly promote their current position

State the trade association's position on climate change, explain where your organization's position differs, and how you are attempting to influence their position (if applicable)

Synaptics is a member of the Silicon Valley Leadership Group (SLVG) which works to develop, promote, pass and implement policy initiatives that benefit member companies, their employees and the San Francisco Bay Area. Approximately 60 percent of members are technology companies — ranging from software and consumer devices to nanotech, semiconductors and cleantech. As the importance of climate change has become increasingly clear, so has the need for a more comprehensive approach to the issue - from causes to consequences. The Climate & Energy Policy Team, which is part of the SLVG, works at the intersection of innovation and policy; fostering solutions that benefit the Bay Area, California and the US. The team is focused on supporting policies and legislation that encourages the development of solutions to environmental challenges with the top policy priorities being the climate crisis; water supply reliability, infrastructure improvement, and reliable, high-quality, environmentally responsible and competitively-priced energy. Synaptics' Chief Sustainability Officer attends Climate and Energy Team meetings to understand general policy direction and to stay at the forefront of environmental opportunities and risks to Synaptics.

Funding figure your organization provided to this trade association in the reporting year, if applicable (currency as selected in C0.4) (optional)

Describe the aim of your organization's funding

<Not Applicable>

Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?

No, we have not evaluated

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

In voluntary communications

Status

Complete

Attach the document

Synaptics CSR webpage for ORS.pdf

Page/Section reference

<https://www.synaptics.com/company/corporate-social-responsibility>

Content elements

Governance

Strategy

Comment

Synaptics recognizes the importance of being a “Green Partner” in protecting and maintaining the quality of the environment as an integral part of the company’s business operations and is committed to environmental responsibility in the conduct of its business. We acknowledge our responsibility to ensure that our products and services are provided in an environmentally responsible, safe and sound manner. We also have corporate policies for providing a safe and healthful workplace while conserving energy and promoting recycling and reuse programs to conserve natural resources. We have voluntarily communicated these positions in our corporate environmental policy which is publicly available on our website.

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	Description of oversight and objectives relating to biodiversity	Scope of board-level oversight
Row 1	No, and we do not plan to have both within the next two years	<Not Applicable>	<Not Applicable>

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	Biodiversity-related public commitments	Initiatives endorsed
Row 1	No, and we do not plan to do so within the next 2 years	<Not Applicable>	<Not Applicable>

C15.3

(C15.3) Does your organization assess the impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?	Portfolio
Row 1	No, and we do not plan to assess biodiversity-related impacts within the next two years	<Not Applicable>

C15.4

(C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	Type of action taken to progress biodiversity- related commitments
Row 1	No, and we do not plan to undertake any biodiversity-related actions	<Not Applicable>

C15.5

(C15.5) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No	Please select

C15.6

(C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
No publications	<Not Applicable>	<Not Applicable>

C16. 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.

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief Sustainability Officer, Chief Information Officer, Senior Vice President	Chief Sustainability Officer (CSO)

SC. Supply chain module

SC0.0

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

Synaptics is a global leader and pioneer of human interface solutions, engineering innovative solutions that enable people to interact more easily and intuitively with a wide range of technologies, including smartphones, smart home devices, PCs, television peripherals, automotive, headsets, and AR/VR. We enable what you touch, hear, say and see through our advanced processors, SoCs, ICs DSPs, and enriched software technologies.

Synaptics is based in San Jose, California, with over 20 locations worldwide, and over 2000 employees, most of which (+70%) are in engineering roles. Synaptics is public company listed on the Nasdaq stock exchange since its IPO in 2002 and owns a growing portfolio of more than 1800 patents.

Synaptics was founded in 1986 by industry luminaries Federico Faggin and Carver Mead to commercialize their ideas around building silicon that computes as effectively as the human brain, duplicating the brain's neural network onto computer chips. Blending synapse, the junction where impulses are transmitted, with electronics, the "Synaptics" name was born. Their vision catalyzed some of the most innovative products on the market today, such as the notebook PC touchpad; the capacitive touch phone; and the capacitive-touchscreen phone. Additional Synaptics milestones include the acquisitions of Validity Sensors (i.e., biometric fingerprint technology); Renesas SP Drivers (i.e., display driver technology); Conexant, Display Link, Broadcom's Wireless IOT business; and most recently in 2021 the DSP Group, all allowing Synaptics to further diversify its markets. Synaptics continues to manufacture innovative technology, with the recent development of AI technology in Smart Edge products.

Through it all, Synaptics encourages its employees to cultivate a passion to make a difference in our world by contributing their time or talent to support worldwide organizations and causes. This includes participating in organized beach and city streets cleanups, helping hands for housing for humanity, hosting bike-to-work day energizer stations, judging local elementary schools STEAM Fairs, sponsoring the Silicon Valley Turkey Trot, walking the walk at the American Cancer Society Making Strides for Breast Cancer events, and even supporting orphanages in the Philippines – all to which the company and its passionate employees have donated countless hours and serious financial donations.

Synaptics also believes that diversity drives innovation, and its popular WIN program (Women in Network) has a mission to instill a sense of unity amongst the women of Synaptics. To create a space where women can connect on a personal and professional level, offering encouragement, support and inspiration to thrive in the company and beyond.

Synaptics recognizes the importance of being a "Green Partner" by protecting and maintaining the quality of the environment as an integral part of the company's business operations and is committed to environmental responsibility in the conduct of its business. Synaptics strives to develop, manufacture, and market products that are safe for their intended use, efficient in their use of energy, are lead-free and protective of the environment. Our environmental policy encourages reuse and recycling of materials, purchasing products made from recycled materials, using recyclable packaging and other materials to conserve natural resources, and maintain recycling and reuse stations at its facilities where relevant. Synaptics also encourages disposing of end-of-life products in an environmentally safe and responsible manner.

Synaptics ignited the human interface revolution. Our products are built on the company's storied research and development, extensive intellectual property and global partnerships. With solutions designed to optimize the human/machine user experience we combine ease of use, functionality and aesthetics to enable our customers products make users' digital lives more productive, secure and enjoyable.

SC0.1

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

	Annual Revenue
Row 1	1447000000

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

1.93

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

66562000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Alphabet, Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

86.26

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

66562000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Acer Inc.

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.38

Uncertainty (±%)**Major sources of emissions****Verified**

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

13023000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Acer Inc.

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

16.88

Uncertainty (±%)**Major sources of emissions****Verified**

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

13023000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Microsoft Corporation

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.42

Uncertainty (±%)**Major sources of emissions****Verified**

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

14470000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Microsoft Corporation

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

18.76

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

14470000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Samsung Electronics

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.25

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

8682000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Samsung Electronics

Scope of emissions

Scope 2

Allocation level

Please select

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

11.25

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

8682000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Samsung Display Co.,Ltd

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

0.63

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

21705000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Samsung Display Co.,Ltd

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

28.14

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

21705000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Lenovo Group Limited

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

4.15

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

143253000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

Lenovo Group Limited

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

185.7

Uncertainty (±%)

Major sources of emissions

Verified

Please select

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

143253000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

HP Inc

Scope of emissions

Scope 1

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

5.95

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

205474000

Unit for market value or quantity of goods/services supplied

Currency

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

Requesting member

HP Inc

Scope of emissions

Scope 2

Allocation level

Company wide

Allocation level detail

<Not Applicable>

Emissions in metric tonnes of CO2e

266.36

Uncertainty (±%)

Major sources of emissions

Verified

No

Allocation method

Allocation based on the market value of products purchased

Market value or quantity of goods/services supplied to the requesting member

205474000

Unit for market value or quantity of goods/services supplied

Currency

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

SC1.2

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

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
Doing so would require we disclose business sensitive/proprietary information	

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.

Synaptics has already developed a methodology for allocation.

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

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

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

Please confirm below

I have read and accept the applicable Terms