Company presentation

Infineon Technologies AG
May 2023
Driving decarbonization and digitalization. Together.

Semiconductors are crucial to solve the energy challenges of our time and shape the digital transformation.

This is why Infineon is committed to actively driving decarbonization and digitalization.

As a global semiconductor leader in power systems and IoT, we enable game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT.

We make life easier, safer, and greener. Together with our customers and partners. For a better tomorrow.
Infineon is a global leader in power systems and IoT

Global leader
in automotive, power management, energy efficient technologies and IoT

~56,200
employees¹

Market position

Automotive
#1
TechInsights, March 2023

Power
#1
Omdia, October 2022

Microcontroller
#5
Omdia, March 2023

¹ As of 30 September 2022
Infineon at a glance

Growth areas

Energy
green and efficient

Mobility
clean and safe

IoT
smart and secure

Employees¹

56,200
employees worldwide

59
R&D and

19
manufacturing locations¹

Financials

<table>
<thead>
<tr>
<th>[EUR m]</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>7,599</td>
<td>8,029</td>
<td>8,567</td>
<td>11,060</td>
<td>14,218</td>
</tr>
<tr>
<td>Segment result</td>
<td>17,8%</td>
<td>16,4%</td>
<td>13,7%</td>
<td>18,7%</td>
<td>23,8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Growth areas</th>
<th>Energy</th>
<th>Mobility</th>
<th>IoT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>green and efficient</td>
<td>clean and safe</td>
<td>smart and secure</td>
</tr>
</tbody>
</table>

Business segments revenue²

- Automotive (ATV)
- Green Industrial Power (GIP)
- Power & Sensor Systems (PSS)
- Connected Secure Systems (CSS)

EMEA
22,590

Americas
5,580

Asia Pacific
28,030

For further information: Infineon Annual Report 2022.
Infineon at the core of IoT – Driving digitalization by serving strongly growing multi-application markets

**Real-world applications**
- Battery-powered devices
- Coin cell-powered devices
- Power supplies
- Industrial IoT
- Drives
- Smart Home
- Smart City
- Consumer IoT
- Smartphones
- Health care products
- Automotive

**Software/Ecosystem**
- Sense
- Compute & connect
- Actuate
- Security solutions

**Connectivity**
- Information and data about the real world
- Value addition and optimized use of resources

**Sense:** sensors | **Compute and connect:** microcontrollers, memories, Wi-Fi, Bluetooth, BLE, USB | **Actuate:** Power semiconductors

2023-05-04 public

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Semiconductor market forecasts predict a slowdown for 2023, followed by a recovery in 2024

Global Semiconductor Market
Market size in billion US-Dollar

Source: WSTS for historical data. | Forecast: of WSTS, Omdia, Gartner, TechInsights (former VLSI Research and IC Insights); last update 3 February 2023.
Infineon is a top player in all target markets

**Automotive semiconductors**
Total market in 2022: USD 59.4bn

- Infineon: 12.4%
- NXP: 11.6%
- Renesas: 8.8%
- Texas Instr.: 8.3%
- STMicro: 7.9%

**Power discretes and modules**
Total market in 2021: USD 27.5bn

- Infineon: 19.7%
- onsemi: 7.5%
- STMicro: 6.6%
- Mitsubishi: 5.2%
- Fuji Electric: 4.3%

**Microcontroller**
Total market in 2022: USD 27.9bn

- STMicro: 16.7%
- Microchip: 16.2%
- Renesas: 16.0%
- NXP: 16.0%
- Infineon: 12.6%

---

2 Based on or includes research from Omdia: Power Semiconductor Market Share Database – 2021 – Final V2. October 2022.
3 Based on or includes research from Omdia: Annual 2001-2022 Semiconductor Market Share Competitive Landscaping Tool – 4Q22. March 2023. Results are not an endorsement of Infineon Technologies AG. Any reliance on these results is at the third party’s own risk.
Infineon is a top player in all target markets

<table>
<thead>
<tr>
<th>Security ICs$^1$</th>
<th>MEMS Microphones$^2$</th>
<th>NOR Flash$^3$</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total market in 2021: USD 3.2bn</strong></td>
<td><strong>Total market in 2021: 6.7bn units</strong></td>
<td><strong>Total market in 2022: USD 3.2bn</strong></td>
</tr>
<tr>
<td>Infineon</td>
<td>25.8%</td>
<td>Infineon</td>
</tr>
<tr>
<td>NXP</td>
<td>17.4%</td>
<td>Knowles</td>
</tr>
<tr>
<td>STMicro</td>
<td>17.3%</td>
<td>MEMSensing</td>
</tr>
<tr>
<td>Samsung</td>
<td>11.9%</td>
<td>Omron</td>
</tr>
<tr>
<td>CEC</td>
<td>7.6%</td>
<td>NJRC</td>
</tr>
</tbody>
</table>


$^2$ Based on or includes research from Omdia: MEMS Microphone Report – 2022 Database. October 2022. | MEMS Microphones Die Suppliers.

$^3$ Based on or includes research from Omdia: Annual 2001-2022 Semiconductor Market Share Competitive Landscaping Tool – 4Q22. March 2023. Results are not an endorsement of Infineon Technologies AG. Any reliance on these results is at the third party’s own risk.
Infineon follows a profitable growth path

Revenue and result

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Revenue [EUR m]</th>
<th>Segment result [EUR m]</th>
<th>Segment result margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2 FY22</td>
<td>3,298</td>
<td>761</td>
<td>23.1%</td>
</tr>
<tr>
<td>Q3 FY22</td>
<td>3,618</td>
<td>842</td>
<td>23.3%</td>
</tr>
<tr>
<td>Q4 FY22</td>
<td>4,143</td>
<td>1,058</td>
<td>25.5%</td>
</tr>
<tr>
<td>Q1 FY23</td>
<td>3,951</td>
<td>1,107</td>
<td>28.0%</td>
</tr>
<tr>
<td>Q2 FY23</td>
<td>4,119</td>
<td>1,180</td>
<td>28.6%</td>
</tr>
</tbody>
</table>
Revenue split by segment

1 2022 Fiscal year (as of 30 September 2022)
Infineon is operating in all major regions of the world

Revenue split by region¹

¹ 2022 Fiscal year (as of 30 September 2022)
Automotive shapes the future of mobility with microelectronics enabling clean, safe, and smart cars

Core applications:
Assistance systems and safety systems, comfort electronics, infotainment, powertrain, security

[EUR m]

<table>
<thead>
<tr>
<th></th>
<th>Q2 FY22</th>
<th>Q3 FY22</th>
<th>Q4 FY22</th>
<th>Q1 FY23</th>
<th>Q2 FY23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>1,491</td>
<td>1,701</td>
<td>1,934</td>
<td>1,872</td>
<td>2,080</td>
</tr>
<tr>
<td>Segment result</td>
<td>324</td>
<td>399</td>
<td>506</td>
<td>532</td>
<td>647</td>
</tr>
<tr>
<td>Segment result margin</td>
<td>21.7%</td>
<td>23.5%</td>
<td>26.2%</td>
<td>28.4%</td>
<td>31.1%</td>
</tr>
</tbody>
</table>
Green Industrial Power empowers a world of unlimited green energy

Core applications:

Energy generation, energy storage, energy transmission, home appliances, industrial drives, industrial power supplies, industrial robotics, industrial vehicles, traction

<table>
<thead>
<tr>
<th></th>
<th>Revenue</th>
<th>Segment result</th>
<th>Segment result margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2 FY22</td>
<td>430</td>
<td>93</td>
<td>21.6%</td>
</tr>
<tr>
<td>Q3 FY22</td>
<td>436</td>
<td>82</td>
<td>18.8%</td>
</tr>
<tr>
<td>Q4 FY22</td>
<td>542</td>
<td>136</td>
<td>25.1%</td>
</tr>
<tr>
<td>Q1 FY23</td>
<td>500</td>
<td>144</td>
<td>28.8%</td>
</tr>
<tr>
<td>Q2 FY23</td>
<td>558</td>
<td>181</td>
<td>32.4%</td>
</tr>
</tbody>
</table>
Power & Sensor Systems drives leading-edge power management, sensing, and data transfer capabilities

Core applications:
Audio amplifiers, BLDC motor, cellular communications infrastructure, charging stations for electric vehicles, HiRel, human-machine-interaction, Internet of Things, LED and conventional lighting systems, mobile devices, power management

[EUR m]

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Revenue</th>
<th>Segment result</th>
<th>Segment result margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2 FY22</td>
<td>925</td>
<td>237</td>
<td>25.6%</td>
</tr>
<tr>
<td>Q3 FY22</td>
<td>1,021</td>
<td>277</td>
<td>27.1%</td>
</tr>
<tr>
<td>Q4 FY22</td>
<td>1,169</td>
<td>338</td>
<td>28.9%</td>
</tr>
<tr>
<td>Q1 FY23</td>
<td>1,043</td>
<td>301</td>
<td>28.9%</td>
</tr>
<tr>
<td>Q2 FY23</td>
<td>925</td>
<td>197</td>
<td>21.3%</td>
</tr>
</tbody>
</table>
Connected Secure Systems creates the basis for IoT

Core applications:
Industrial, Smart Home, Home Appliance, Health & Lifestyle, Media, Gaming & Compute, Automotive, Payment, Identification

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Revenue</th>
<th>Segment result</th>
<th>Segment result margin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2 FY22</td>
<td>448 EUR m</td>
<td>108 EUR m</td>
<td>24.1%</td>
</tr>
<tr>
<td>Q3 FY22</td>
<td>456 EUR m</td>
<td>84 EUR m</td>
<td>18.4%</td>
</tr>
<tr>
<td>Q4 FY22</td>
<td>492 EUR m</td>
<td>86 EUR m</td>
<td>17.5%</td>
</tr>
<tr>
<td>Q1 FY23</td>
<td>531 EUR m</td>
<td>125 EUR m</td>
<td>23.5%</td>
</tr>
<tr>
<td>Q2 FY23</td>
<td>550 EUR m</td>
<td>155 EUR m</td>
<td>28.2%</td>
</tr>
</tbody>
</table>
Well-balanced customer portfolio

Revenue by sales channel in FY 2022 (no customer represents more than 10% of total sales)

<table>
<thead>
<tr>
<th>Distribution partners¹</th>
<th>Top-10 direct customers¹</th>
<th>EMS-Partner¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrow Electronics</td>
<td>Astemo</td>
<td>flex</td>
</tr>
<tr>
<td>Avnet</td>
<td>Bosch</td>
<td>Foxconn</td>
</tr>
<tr>
<td>Dabo</td>
<td>Continental</td>
<td></td>
</tr>
<tr>
<td>Future Electronics</td>
<td>Denso</td>
<td></td>
</tr>
<tr>
<td>JCT</td>
<td>Hyundai</td>
<td></td>
</tr>
<tr>
<td>Macnica</td>
<td>Infineon</td>
<td></td>
</tr>
<tr>
<td>Intron</td>
<td>NXP</td>
<td></td>
</tr>
<tr>
<td>NExTy Electronics</td>
<td>Qualcomm</td>
<td></td>
</tr>
<tr>
<td>Rutronik</td>
<td>Samsung</td>
<td></td>
</tr>
<tr>
<td>SAG</td>
<td>Thales</td>
<td></td>
</tr>
</tbody>
</table>

¹ in alphabetical order

Top-10 direct...

Distribution and EMS partners

other direct...
Close customer relationships are based on system know-how and application understanding

<table>
<thead>
<tr>
<th>Automotive</th>
<th>Green Industrial Power</th>
<th>Power &amp; Sensor Systems</th>
<th>Connected Secure Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aptiv</td>
<td>ABB</td>
<td>Alibaba.com</td>
<td>AdvantEdge</td>
</tr>
<tr>
<td>BorgWarner</td>
<td>Astemo</td>
<td>ALSTOM</td>
<td>CPI Card Group</td>
</tr>
<tr>
<td>BYD</td>
<td>BOSCH</td>
<td>INOVANCE</td>
<td>Fitbit</td>
</tr>
<tr>
<td>Denso</td>
<td>Continental</td>
<td>Midea</td>
<td>GPO</td>
</tr>
<tr>
<td>Hyundai</td>
<td>FORVIA</td>
<td>Goldwind</td>
<td>Harman</td>
</tr>
<tr>
<td>Lear</td>
<td>Hyundai Motor Group</td>
<td>Rockwell Automation</td>
<td>IDEMIA</td>
</tr>
<tr>
<td>Mando</td>
<td>LG</td>
<td>LG</td>
<td>Lenovo</td>
</tr>
<tr>
<td>Nidec</td>
<td>Omron</td>
<td>Omron</td>
<td>Microsoft</td>
</tr>
<tr>
<td>Valeo</td>
<td>Schneider Electric</td>
<td>Rockwell Automation</td>
<td>Raspberry Pi</td>
</tr>
<tr>
<td>Veoneer</td>
<td>Siemens</td>
<td>Siemens Danfoss</td>
<td>THALES</td>
</tr>
<tr>
<td>Ze</td>
<td>SunnyGrow</td>
<td>Vestas</td>
<td>SONY</td>
</tr>
<tr>
<td>ZE</td>
<td>Yaskawa</td>
<td></td>
<td>SAMSUNG</td>
</tr>
</tbody>
</table>

EMS-Partners

<table>
<thead>
<tr>
<th>EMS-Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>flex</td>
</tr>
<tr>
<td>Foxconn</td>
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</tbody>
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Distribution partners

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</tr>
<tr>
<td>Macnica</td>
</tr>
<tr>
<td>NexY Electronic</td>
</tr>
<tr>
<td>Rutronik</td>
</tr>
<tr>
<td>Wega</td>
</tr>
</tbody>
</table>
Infineon is globally positioned with its network of Frontend and Backend manufacturing facilities

19 locations

1 As of 30 September 2022 | 2 Penang is assigned to the Austin site.

Frontend  Backend
Our global Research and Development activities

About 13 percent of Infineon's annual revenue goes into Research and Development (R&D). In fiscal year 2022, R&D investments amounted to about 1.8 billion euros.

31,250 patents in the overall portfolio show a high level of innovative strength and longterm competitiveness. In fiscal year 2022 alone, Infineon registered about 1,750 new patents.

Numerous innovative ecosystems with tech companies, universities and research institutes are of great importance to Infineon.

59\textsuperscript{1} sites in 35 countries and regions:

<table>
<thead>
<tr>
<th>Region</th>
<th>Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>Richmond (Canada); Andover, Austin, Beaverton, Chandler, Colorado Springs, El Segundo, Irvine, Leominster, Lexington, Lynnwood, Milpitas, Morrisville, San Diego, San José and Warwick (all USA)</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>Bangalore (India); Seoul (Korea); Ipoh, Kulim, Melaka and Penang (all Malaysia); Muntinlupa (Philippines); Singapore</td>
</tr>
<tr>
<td>Greater China</td>
<td>Chengdu, Shanghai, Shenzhen, Xi'an (all Mainland China); Hsinchu and Taipei (both Taiwan)</td>
</tr>
<tr>
<td>Japan</td>
<td>Tokyo, Nagoya, Sendai (all Japan)</td>
</tr>
<tr>
<td>Europe</td>
<td>Herlev (Denmark); Augsburg, Dresden, Duisburg, Erlangen, Langen, Neubiberg, Regensburg and Warstein (all Germany); Le Puy-Sainte-Réparade (France); Bristol and Reigate (both Great Britain); Cork and Dublin (both Ireland); Netanya (Israel); Padua and Pavia (both Italy); Graz, Linz and Villach (all Austria); Brasov, Bucharest, Iasi (Romania); Belgrade (Serbia); Lviv (Ukraine); Budapest (Hungary)</td>
</tr>
</tbody>
</table>

\textsuperscript{1} as of 30 September 2022.
Responsible action, sustainable profitable growth

Infineon ranks among the most sustainable companies in the world

- Sustainability at Infineon includes social, ecological, and economic values
- Infineon was one of the first semiconductor companies to voluntarily commit to the Ten Principles of the UN Global Compact
- Infineon meets global societal challenges such as climate protection, energy efficiency, and resource management with innovative products
- Infineon's climate target is to become carbon-neutral by 2030\(^1\). Emissions are to be cut by 70 percent over the 2019 calendar year\(^2\) levels by 2025
- External evaluation of the commitment:
  - MSCI ESG Research rates Infineon with AA for the fourth consecutive year
  - Included in the Dow Jones Sustainability\(^\text{TM}\) World Index for the eighth time in a row
  - Awarded Gold status for six years in a row and in 2023 for the second time Platinum status by EcoVadis

\(^1\) In terms of Infineon's direct and indirect energy- and heat-related emissions (Scope 1 and 2).
\(^2\) Including Cypress.

For further information: Infineon Sustainability Report 2022
Infineon is committed to binding CO$_2$ reduction targets

1 Carbon neutrality by 2030 – primarily by avoiding emissions

2 Realization of 70 percent of the required savings and compensations by 2025
Corporate Social Responsibility: We create a net ecological benefit

Our products and solutions enable a net ecological benefit, equal to the average annual CO₂ emissions from electricity consumption of more than 179 million people living in Europe.¹

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**CO₂ burden**

- of 3 million tons
- CO₂ equivalents

**Ratio around 1:33**

**CO₂ savings**

- of 100 million tons
- CO₂ equivalents

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1 Based on the average electricity consumption of private households in Germany and official energy conversion factors.
2 This figure takes into account manufacturing, transportation, own vehicles, travel, supplier specific emissions, water/waste water, direct emissions, energy consumption, waste, etc. as well as direct and indirect energy-related emissions by manufacturing service providers. It is based on data collected internally and publicly available conversion factors and relates to the 2022 fiscal year.
3 This figure is based on internally established criteria, which are described in the explanatory notes. The figure relates to the 2021 calendar year and takes into account the following application areas: Automotive electronics, industrial drives, photovoltaic and wind energy. CO₂ savings are calculated based on the potential savings generated by technologies in which semiconductors are used. The CO₂ savings are allocated based on Infineon’s market share, semiconductor share, and the lifetime of the technologies concerned, based on internal and external experts’ estimations. Despite the fact that carbon footprint calculations are subject to imprecision due to the complex issues involved, the results are nevertheless clear.
Infineon's employees create a better future together

At Infineon, 56,2001 people from over 100 countries work together around the world to make life easier, safer, and greener. For more information, please visit www.infineon.com/career

Preethi Baran
Director, Field Sales, in Livonia

"It's motivating to work with our customers to transform our mobility through innovation, safety and security."

Thomas Wrzesinski
Maintenance Technician, in Dresden

"We maintenance technicians keep production moving. I appreciate the teamwork: when everyone pulls together to find the error and to get the equipment running again."

Marcel Kuba
Director, Field Application Engineering, in Munich

"The acquisition of Cypress enables Infineon now to offer complete best in class system solutions for new automotive applications."

Dr. Pamela Lin
Senior Manager Data Scientist Analytics, in Singapore

"It's amazing how we use advance data analytics and AI techniques to create intelligent systems for solving complex business problems and driving manufacturing efficiency."

1 As of 30 September 2022.
Our competitive advantage: Differentiating as quality leader

Our path
We do what we promise.
That’s quality made by Infineon.

Our aspiration
Zero defect regarding the committed
- Functionality
- Time
- Reliability
- Volume and cost

Our foundation
International standards such as
ISO 9001, IATF 16949, AS 9100,
IEC 17025, ISO 26262
Business Continuity: Integrated management

Real estate and facility management

Loss and fraud investigations

Environmental protection, sustainability and climate protection

Business Continuity Planning

Asset protection

Corporate Social Responsibility

Cyber and Information Security

Data Protection and Privacy

Security and crisis management

Export compliance

Business Continuity
ISO 14001\(^1\) ISO 45001\(^1\)
ISO 22301\(^2\) ISO 50001\(^3\)

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\(^1\) ISO 14001/45001 worldwide certification scheme.  
\(^2\) ISO 22301 certified in Villach (Austria) and Dresden (Germany).  
\(^3\) ISO 50001 certified at largest European manufacturing sites and corporate headquarters Campeon (Germany).  
\(^4\) Different certifications (e.g. TISAX).
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