



Electronic Equipment, Instruments & Components

Driving forces

Technological innovations, such as 5G, the internet of things, artificial intelligence and maximizing power efficiency are increasing in importance in the electronic equipment, instruments and components industry. Electronic components have complex global supply chains that can lead to issues around unfair labor practices, conflict mineral sourcing and the use of harmful chemicals during manufacturing. The implementation and operation of a transparent, sustainable supply chain is required to address these issues. Superior product stewardship includes measures such as energy-saving features and energy-consumption management, as well as security features such as automatic software/firmware upgrades to harden devices against cyberattacks. Products must be designed with an end-of-life strategy (i.e. repair/reuse, downcycle and recycle), and the use of robotics and automation can help improve the efficiency of resource-intensive production processes. Given the industry's oligopolistic market structure, compliance with antitrust regulation is also important.

Highlighted criteria & dimension weights

| | |
|----------------------------------|-----|
| Environmental Dimension | 30% |
| – Climate Strategy | |
| – Operational Eco-Efficiency | |
| – Product Stewardship | |
| Social Dimension | 29% |
| – Occupational Health and Safety | |
| – Talent Attraction & Retention | |
| Governance & Economic Dimension | 41% |
| – Codes of Business Conduct | |
| – Corporate Governance | |
| – Innovation Management | |
| – Supply Chain Management | |

Industry Awards 2022

| | | S&P Global ESG Score |
|--|---------------|----------------------|
| S&P Global Gold Class | | |
| Delta Electronics, Inc. | Taiwan | 83 |
| S&P Global Silver Class | | |
| OMRON Corporation | Japan | 82 |
| AU Optronics Corp. | Taiwan | 79 |
| S&P Global Bronze Class | | |
| Delta Electronics (Thailand) Public Company Limited | Thailand | 77 |
| Innolux Corporation | Taiwan | 77 |
| Universal Scientific Industrial (Shanghai) Co., Ltd. | China | 75 |
| Samsung SDI Co., Ltd. | Rep. of Korea | 75 |

Industry Statistics

| | |
|---|---------|
| Number of companies assessed | 204 |
| Market capitalization of assessed companies (in USD billion) | 1,599.8 |
| Number of companies in Yearbook | 16 |
| Market capitalization of companies in Yearbook (in USD billion) | 243.1 |

Sustainability Yearbook Members

| | | |
|-------------------------------------|---------------|----|
| LG Innotek Co., Ltd. | Rep. of Korea | 72 |
| Kyocera Corporation* | Japan | 72 |
| Samsung Electro-Mechanics Co., Ltd. | Rep. of Korea | 71 |
| Yokogawa Electric Corporation | Japan | 69 |
| Flex Ltd. | Singapore | 67 |
| TDK Corporation | Japan | 66 |
| E Ink Holdings Inc. | Taiwan | 61 |
| LG Display Co., Ltd. | Rep. of Korea | 60 |
| TE Connectivity Ltd. | Switzerland | 59 |

* S&P Global Industry Mover