

ABLIC

We will face the challenge of a globally expanding market through the strength of Japan's unique manufacturing and masterful technology!

Aim to promptly achieve 100 billion yen in analog semiconductor sales through the synergies generated by the INTEGRATION with the Eight Spear products

Nobumasa Ishiai
Representative Director,
President and CEO of ABLIC Inc.



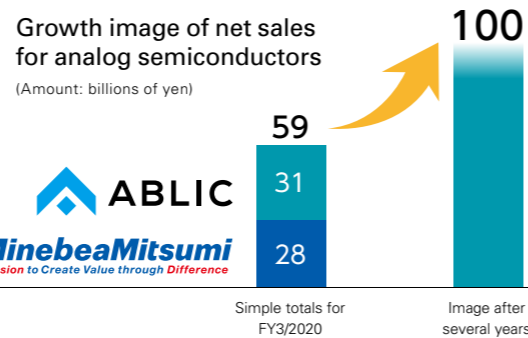
Background details of business integration

With a focus on "ultra-small, power-saving, and easy-to-use" in its analog semiconductors, ABLIC is strong in the consumer electronics, automobile, medical, and industrial fields. The organization excels in solidarity, speed, and energy, and is a development-driven company that constantly challenges itself to pursue cutting-edge industrial innovation.

Through the recent business integration of ABLIC with MinebeaMitsumi, we expect strong synergies in all fields including sales, production, and technological development. Using ABLIC's abundant transaction track record and knowledge within a range of industries in INTEGRATION—including overall Group product development and proposals to end customers—we are working to expand our business opportunities to achieve 100 billion yen in net sales in the analog semiconductor business.

Effects of business integration

- Sales**
 - Strengthening mainstay products and expanding the global customer base
- Production**
 - Building a production system that allows stable supply with high technology and cost competitiveness
 - Establishing rock-solid BCP responsiveness
- Technological development**
 - Strengthening new product development capabilities through technological synergies between integrated electronic components and analog semiconductors



Origin of the company name



Company name in Japanese: エイブリック株式会社
Company name in English: ABLIC Inc.
Company name in Chinese: 艾普凌科有限公司

On January 5, 2018, the new company name ABLIC Inc. was born.

ABLIC is a coined word combining ABLE (possible) and IC (abbreviation of "integrated circuit"), expressing that semiconductor technology enables possibilities. The company name was decided by a vote by all employees.

The company logo consists of an upwards arrow, representing growth, combined with a diamond (◆), representing integrated circuits, which together form an "A," the first letter of the company name. This, as a whole, expresses its corporate vision of striving to help society grow through semiconductor technology.

History

- 1881** Established K. Hattori (currently Seiko Holdings Corporation)
- 1937** Established Daini Seikosha Co., Ltd. (currently Seiko Instruments Inc.)
- 1968** Began CMOS IC R&D.
- 1979** Started manufacturing analog quartz ICs
- 2015** SII semiconductor business spin-off Established SII Semiconductor Corporation
- 2016** SII Semiconductor Corporation commenced operations
- 2018** Change Name to "ABLIC Inc."
- 2020** Business integration with MinebeaMitsumi Group

Highlights of ABLIC

Net sales Approximately ¥30.0 billion	Operating margin 10% or more	DNA Serious manufacturing and a penchant for quality	Solutions that resolve social challenges CLEAN-Boost®
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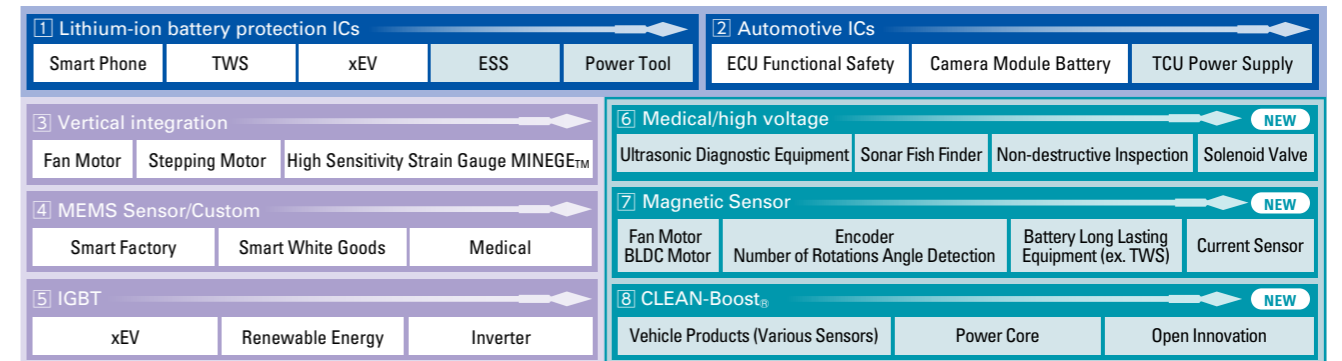
Strength (selling points)

- <Core competencies>**
 - SMALL (ultra-small)
 - SMART (power-saving)
 - SIMPLE (easy-to-use)
- <Initiatives for SDGs>**
 - CLEAN-Boost® technology that uses discarded energy
- <Solid support for global customers>**
 - One global team (solidarity and speed)
 - Vertical integration (three-pronged system of development, manufacturing, and sales)
- <Commitment to quality>**
 - Received awards (top-quality supplier) for ten consecutive years from major automotive clients

High-level operating margin and competitiveness

Product portfolio

ABLIC's Three Spears newly added to MITSUMI semiconductor's Five Spears (focus development fields)



1 and 2 are the fields on which both MITSUMI and ABLIC focus, while 3 - 5 and 6 - 8 are the fields on which MITSUMI and ABLIC focus, respectively. By mutually complementing and integrating these fields, we will generate synergies and pursue powerful growth.

Creating solutions to social issues

CLEAN-Boost® technology

This is the ABLIC's unique technology, which is optimal for energy harvesting etc., that allows wireless signaling by storing and boosting small amounts of energy that could not previously be used as power. The Power storage and voltage boost circuit technology, the core of CLEAN-Boost® technology, has been developed through joint research with Ritsumeikan University.

<Example> "Battery-less water leak detection sensor" – INTEGRATION with the infrastructure business

CLEAN-Boost®-compliant product that wirelessly sends water leaking signals using self-generating power with leaked water. This product has been created through joint development with TAISEI CORPORATION. As no power supply is required, no large-scale construction nor battery replacement is necessary. The device can be easily retrofitted, even to places difficult to access for maintenance. By installing this sensor, water leaks can be detected from the initial stages, allowing a response before trouble occurs or damage spreads. The device realizes significant cost and time reductions and makes a significant contribution to reducing the environmental burden.



Image of "battery-less water leak detection sensor" installed on a pipe

In 2019, ABLIC received Best Paper Award at IEEE* – CLEAN-Boost® technology recognized around the world for its potential for semi-permanent power supply –
* IEEE ("I" triple "E"): Headquartered in the U.S., IEEE is the world's largest expert organization contributing valuable technological information to human society

Material issue
7