

One year at Murata

In fiscal 2022, demand for components in the electronics market declined due to the sluggish smartphone and PC market and persistent inventory adjustments, creating a difficult business environment for the company. Amid this, to expand future business opportunities, Murata accelerated the development of new products and technologies such as component products for the in-vehicle system market and vehicle-to-everything (V2X) modules. Furthermore, we invested in production capacity

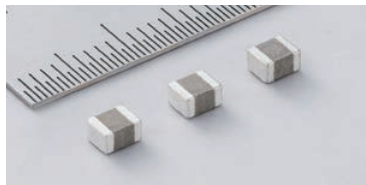
expansion including the completion of new production buildings.

Murata has also strengthened its initiatives to create a continuous cycle of social value and economic value through value co-creation with stakeholders and link it to boosting business competitiveness in the future. As part of this effort, we started working on procurement of electricity from renewable energy sources using a virtual PPA.

Product-related news

April 2022

Commercialized metal power inductors for in-vehicle applications that can work at high temperatures up to 150°C
—The world's best* DC superimposed characteristics for a 1210 inch size product



May 2022

Started mass production of the soil sensor monitoring the farmland conditions
—IoT-driven smart agricultural work and salt damage prevention



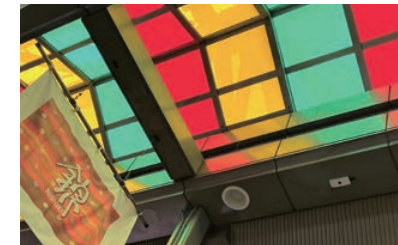
November 2022

Conducted experiments to prevent accidental leaving-behind of infants on school buses in Fukuoka City and Yasu City
—Verification test of Wi-Fi system's detection and alert to kindergartens



December 2022

Began smart shopping arcade initiative utilizing crowd sensors at "Kyoto's Kitchen," Nishiki Market
—Improving convenience for visitors through the visualization of crowd levels and air quality



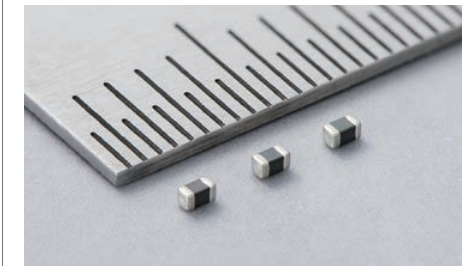
December 2022

Developed Murata's first V2X modules powered by Autotalks' chipsets



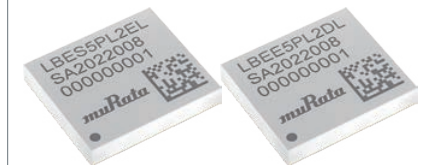
December 2022

Commercialized the world's smallest* 0402 inch size noise suppression chip ferrite beads for automotive power supplies



March 2023

Developed compact connectivity modules supporting Matter, a standard for smart home applications
—Supporting three wireless standards, Wi-Fi 6, Bluetooth® 5.2, and 802.15.4



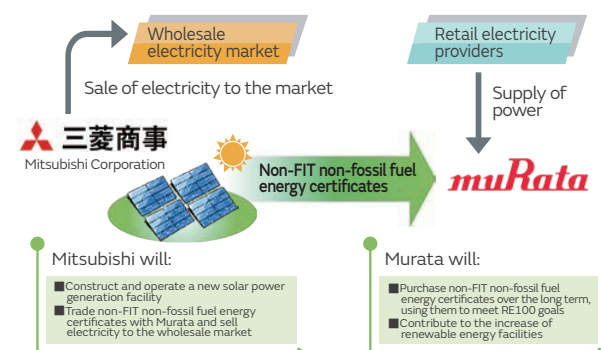
2022

2023

At the time of the announcement, based on the Company's research.

June 2022

Agreed on a cooperative framework for working toward a carbon-neutral society
—Japan's largest renewable energy procurement trial using a virtual PPA



June 2022

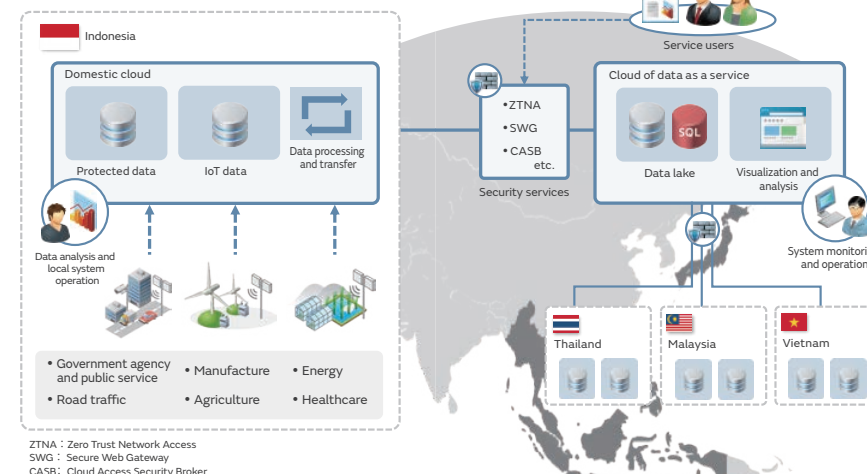
Joined the Responsible Business Alliance (RBA), an industry coalition promoting CSR in global supply chains

June 2022

Began closed-loop recycling of PET film from multilayer ceramic capacitors

October 2022

Collaborated with Internet Initiative Japan on IoT data business in Southeast Asia
—A data service platform to support everything from data collection, analysis and processing to sales



January 2023

Completed new production building at Komoro Murata Manufacturing Co., Ltd.
—Meeting a medium- to long-term growing demand for RF modules

February 2023

Awarded Clarivate Top 100 Global Innovator 2023
—Selected as one of the world's 100 most innovative companies for second year in a row



February 2023

Installed on-site power generation facilities using solar panels, in-house developed storage batteries, and energy control to four plants in the Tohoku, Hokuriku, and Tokai regions
—Promoting the use of renewable energy and the reduction of environmental impact on local communities



Sendai Murata Manufacturing (Miyagi Prefecture) Co., Ltd.
Ise Murata Manufacturing (Mie Prefecture) Co., Ltd.

March 2023

Completed a new production building in Murata Electronics (Thailand), Ltd.
—Responding to a medium- to long-term growing demand for multilayer ceramic capacitors



Wakura Murata Manufacturing (Ishikawa Prefecture) Co., Ltd.
Hakui Murata Manufacturing (Ishikawa Prefecture) Co., Ltd.