

MetroCirc™

Unique manufacturing is the spirit of our philosophy. MetroCirc™—its concept, implementation, and production are cutting-edge.

MetroCirc™ is a new multilayer resin substrate that combines Murata's monolithic, multilayer and design technologies with the high-performance resin materials of Ise Murata Manufacturing Co., Ltd. (formerly Primatex Inc.), a company newly added to the Murata Group. It has superior RF characteristics, is thin and bendable, and allows great freedom in circuit design. It has great potential for applications in wearable devices and IoT devices, and promises to give rise to new markets and new lifestyles.

Photo (left to right):  
Murata Manufacturing Co., Ltd.  
MetroCirc Business Division  
Masaaki Kanao  
Kiyokazu Aoki  
Masahito Tomimasu

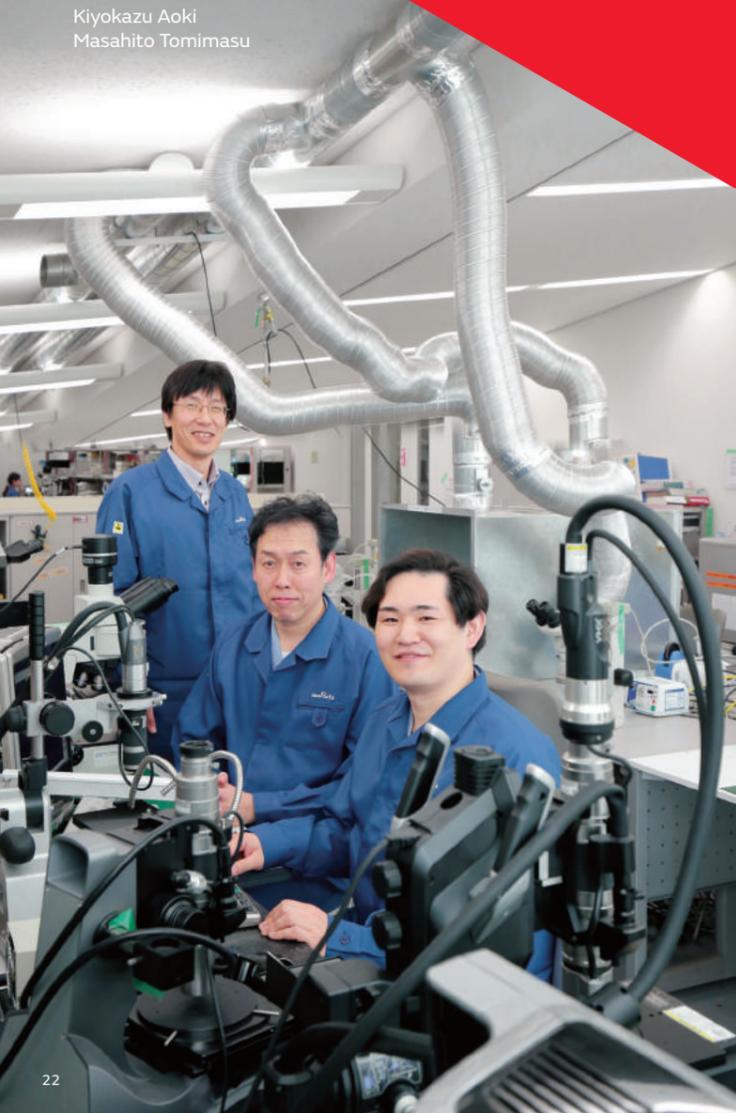


Photo (left to right):  
Murata Manufacturing Co., Ltd.  
MetroCirc Business Division  
Nobuo Ikemoto  
Tomohiro Furumura  
Toyama Murata Manufacturing Co., Ltd.  
Production Dept. 3  
Koji Shiroki

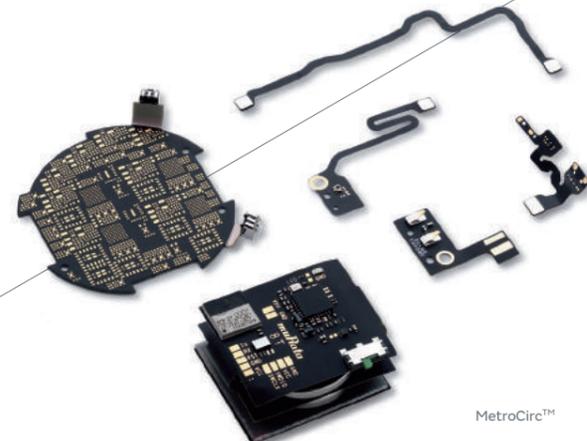
Note: This area normally requires the wearing of a mask, but masks were removed for the photo.

### Philosophy

Murata's core business is ceramic materials, but we also have been pursuing organic materials and the acquisition and commercialization of applied technologies. These directions have led to the opening up of a new market for a substrate that allows electronic components to be built onto it—MetroCirc™. This development is based on our founder's desire for the company to do business not by interfering with rival companies but by innovating in the electronics industry.

### Origami-Concept

MetroCirc™ substrates are manufactured at a smart factory that employs world-class equipment, a state-of-the-art security system, and other cutting-edge facilities. Because of their thinness and ability to be formed into any product shape, MetroCirc™ substrates have become known as "origami" substrates.



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### Diversity

Murata sends Japanese employees out into the world to do business, accepts loaned staff from overseas, and utilizes the talents of people of many different nationalities and backgrounds. Also, to achieve integrated production starting with materials, we acquired Primatex Inc. (now Ise Murata Manufacturing Co., Ltd.) in November 2016, bringing it in as new member of the corporate group.

Murata naturally wants to satisfy customers; we also value creating a sense of purpose among the members of the MetroCirc™ team. We are proud that a group of women autonomously formed a promotion team that provides attentive customer support and is making customers very happy.

Using our philosophy as a guide, we have integrated a different corporate culture to create something that had never existed before. While welcoming these new employees into our fold, we are looking forward to seeing MetroCirc™ contribute to the advancement of society.

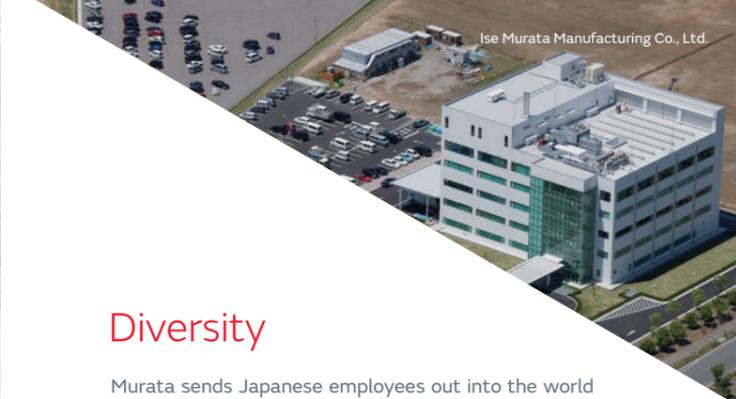


Photo (left to right):  
Murata Manufacturing Co., Ltd.  
MetroCirc Business Division  
Ai Miyabayashi  
Misa Matsubayashi  
Rika Matsui  
Fumie Matsuda



Photo (left to right):  
Murata Manufacturing Co., Ltd.  
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