The new Fujitsu Electronics will provide total support for your business in the age of IoT.

New values and possibilities are being created in the age of IoT. Fujitsu Electronics will continue to change and evolve to go one step further from being a good device-supplying partner to a stronger and intimate business partner.

The new Fujitsu Electronics has embarked on a new phase from a provider of in-house produced products with added value to a partner that creates new business in the age of IoT.

What makes a good partner? It is the capability to promptly materialize the customer's concepts and dreams into a more outstanding form. As a global sales company with engineering projects, we would address the requests of our customers, we are committed to realize the inquiries with our capabilities in terms of procurement, technologies, solutions, and personal qualities.

We have contributed to our customers’ manufacturing with our accumulated strength in proposing electronic devices for many years. Our contributions also include original technologies that add new value such as wireless communications and sensors to products and custom embedded solutions. In recent years, with synergy of the Fujitsu Group, we have been continuously expanding our field of support to comprehensive solutions in IoT, including networks and cloud systems.
Everything is linked in the age of IoT, like people and equipment. We materialize opportunities for creating new business.

Creates completely new values by linking everything together.

Why not start a new business?

Fujitsu Electronics materializes opportunities to create new services and business for the age of IoT together with customers.
Fujitsu Electronics can make those wishes come true. From devices to networks, and to cloud systems. We provide full support to our customers in any situations.

**Device solutions**

- Near field measurement systems
- Batteries and battery application products
- Semiconductor package circuit boards
- Thermal printers
- Servers/Console switches
- Wireless modules
- Modems
- Relays
- Connectors
- Keyboard/pointing devices
- Touch panels
- Network equipment
- PCs and mobile phones
- Software
- Solutions and services
- Computer platforms
- Design services
- NVPROM
- Writing services
- System memory
- Foundry services

**Major products**

- Parallel NOR Flash
- LP SDRAM
- SDRAM
- Visible LED (Automotive, consumers, lighting)
- Infrared LED
- USB controllers
- Analog
- PSoC programmable system on-chip
- Microcomputers (for automotive and general purposes)
- Audio DSPs, Amplifiers, D/A Converters, A/D Converters, Codecs
- NFC (for reader/writers)
- SBC
- Optical sensor (illumination intensity, color, proximity)
- Safety equipment (Magnetic contactor, push buttons and pilot lights, control relays, etc.)
- Control equipment
- Power source (UPS)
- Semiconductors (IC for power sources, power MOSFET, IGBT)
- Solutions and services
- ASSP (for specific uses)
- Packaging services
- Testing services

**Sequential NOR Flash**

- DDR1/DDR2/DDR3 SDRAM
- LP DDR1/DDR2
- Serial NOR Flash

**Wireless communications devices and solutions**

1. **Smart Radio modules**
   - Bluetooth
   - Ultra-thin
2. **BLE beacon module**
3. **Wi-Fi module**
4. **NFC module**

**IoT Solutions**

Building a new-disconnected network

From Gateways to cloud, wireless communication-compatible systems, we build a Wi-Fi network that can support smooth communication. Our compact size, easy installation, and low cost make it suitable for various purposes. There are no limits to the locations where our products can be applied, whether in homes, workspaces, factories, or outdoor environments.

Linking everything with various wireless communication

By utilizing networks, cloud systems, and Big Data, we can link everything with various wireless communication technologies. We have developed a Fujitsu Original smart communication technology “WisReed”, a 920 MHz specific built-in low power radio module. With this technology, we can build a network automatically, it independently ad-hoc communication technology.

 Ensuring relief with various sensors

Our sensors are designed to monitor and control various environments. They can detect changes in temperature, humidity, and light levels, ensuring that our customers’ needs are met. Whether it’s a sensor for indoor or outdoor use, our sensors are adaptable to a wide range of applications.

Taking care of seniors through an IoT-compatible walker

By installing various sensors and network-compatible devices, we can track the health status and activity of seniors. Our robots can be continuously monitored, and we can share the status with the family. If any issue arises, the robot will alert the family and our customers.

As used for batteries through independent power generation

Replacing batteries is a great issue in building a network. With our microelectronics technology, we can provide independent power generation solutions. Our microelectronics technology allows us to use batteries efficiently and effectively, so that we can save power and increase the life span of batteries. Our solutions can be used in a variety of applications.

**COHERENT Lite adapter solution**

Our microelectronics technology is being adapted to provide efficient use of power and to minimize the size of the adapter. It’s a very compact sensor that materializes placing energy harvesting PMIC battery-less BLE wireless sensor solution. It’s a very compact sensor that’s an energy harvesting system for BLE wireless sensors.
Fujitsu Electronics can make those wishes come true. From devices to networks, and to cloud systems. We provide full support to our customers in any situations.

**Device solutions**

- Ultra-thin sensor beacon
- Ultra-thin Bluetooth module
- Sensor network

**IoT Solutions**

Building a new, connected network
- Linking everything with various wireless communication
- Enabling relief with various sensors

Taking care of seniors through an IoT-compatible walker
- Robot Assist Walker RT.1

No need for batteries through independent power generation
- ECHONET Lite adapter solution

**Fujitsu Group**

- Fujitsu
- Fujitsu Electronics
- SHINKO ELECTRIC CO., LTD.
- PFU LIMITED
- MOBILE TECHNO CORP.
- FUJITSU ADVANCED ENGINEERING LIMITED
- FUJITSU COMPONENT LIMITED
- FUJITSU DEVICES INC.
- FUJITSU ELECTRONICS INC.
- AIZU FUJITSU SEMICONDUCTOR LIMITED
- MIE FUJITSU SEMICONDUCTOR LIMITED
- FUJITSU SEMICONDUCTOR LIMITED

**Global Partners**

- SOPREMA Sp. Technologie Ltd.
- St Microelectronics
- NXP Semiconductors
- Winbond Electronics Corporation
- Analog Devices, Inc.
- Freescale Semiconductor, Inc.
- Asian IC & Designing Inc.
- Microchip Technology, Inc.
- Suntype Inc.
- Ourion Inc.
- Fuji Electric FA Components & Systems Co., Ltd.
- Fuji Electric Co., Ltd.
- Socionext Inc.

**Specific built-in low power radio module. With**

- Specific built-in low power radio module.
We have considerable technologies as well as staff necessary for system development from custom SoC (ASIC) and microcomputers to firmware and applications to provide unique products including sensor modules and communication modules. Our accumulated various technologies and services further accelerates development.

**Design and prototyping**
With highly advanced designing methods trained over many years of development history, we design system LSI, custom SoC (ASIC), custom microcomputers, etc. We also provide prototyping and test circuit board development to improve the design development of customers.

**High-quality original products**
We have considerable technologies and staff necessary for system development from custom SoC (ASIC) and microcomputers to firmware and applications to provide unique products including sensor modules and communication modules.

**Contracted development service**
Our industry-leading technology and responsiveness to custom matters enables providing design services with much added value and optimal solutions. We offer comprehensive services from system development to mass production.

**Offshore development support**
We coordinate and execute effective offshore development tailored to the customer’s case and requests. Our support in managing the project process can realize smooth development and cost reductions.

**IC programming center (IPC)**
At IPC, the one and only programming plant in the Fujitsu Group, we work on contracted processes including writing, marking, inspection, and packing. We also offer security-ensured unique data writing services.

**Consulting service**
Based on the customer’s ideas and concepts, we provide consultation on various aspects regardless of tangible or intangible matters, from planning embedded products to selecting the requested semiconductor components and implementing mass production. Our comprehensive support covers the total process from planning to mass production.

Our accumulated various technologies and services further accelerates development.

By combining optimal hardware and software with a wide variety of component technologies, we comprehensively support our customers’ product development, including contracted designing, contracted development, offshore development, and programming of security information.
Nowadays, manufacturing has become a global practice. We have established a worldwide network to respond to our customers’ requests in a timely manner, from procurement to development and mass production. Let our global support system assist you in achieving outstanding international procurement ability and a stable supply capacity, and providing you with locally based support for quick product development.
A partner that thinks and acts for the customer's future

World has changed the way of business and people's lifestyles due to people, things, information and processes connected complicatedly with network. This is due to rapid evolution of ICT. IoT has now reached full scale with potential generation of completely new values. In such a whirlwind environment for business, Fujitsu Electronics will always think and act for your future as a business partner.

Environmental Management System

Starting from the year 2001, Fujitsu Electronics Inc. (FEI) has been an ISO14001 certified company. We are proud to be an eco-conscious company and take part in the environmental management efforts. We are aggressively working on lessening the effects of global warming and the preservation of biodiversity. FEI continues to work toward environmental load reduction in all business activities based on the Fujitsu group policy. We conducts management review improving business processes.

Corporate profile

<table>
<thead>
<tr>
<th>Corporate name</th>
<th>Fujitsu Electronics Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishment</td>
<td>May 2, 1952</td>
</tr>
<tr>
<td>Capital</td>
<td>4,877,683,581 yen (Total number of issued shares: 26,631,972)</td>
</tr>
<tr>
<td>Employees</td>
<td>800 (including affiliated companies outside Japan)</td>
</tr>
</tbody>
</table>
| Business description | - Designing, development, and sales of electronic devices 
                        - Sales of consumer/industrial electronic devices including communication equipment, audio-visual equipment, automotive equipment, information processing equipment  
                        - Development, designing, and sales of application boards  
                        - Development and sales of consumer/industrial application software for microcomputers  
                        - Development, contracted designing, and technical support of system LSI etc. |
| Representative | President and Representative Director: Shigeo Kashiwagi |

Inspection organization: Japan Audit and Certification Organization for Environment and Quality (JACO)

| Registration No.: EC 98J2005 (FUJITSU GROUP WORLD-WIDE certificate) |
| Issue Date: March 14, 2001 |
| Renewed Date: March 23, 2015 |
| Expiration Date: March 22, 2018 |

Covered sites and dates acquired (including Affiliated Companies)

- Headquarters: March 14, 2001
- Central Logistics Center: March 14, 2001
- Fujitsu Microdevices Limited Headquarters: April 18, 2007
- FUJITSU DEVICES Inc. Headquarters: April 10, 2000
- FUJITSU DEVICES Inc. Sagamihara Site: March 11, 2000