



### ■ Electronic Components

#### Capacitors

Capacitors are fitted to digital devices, such as smartphones and mobile phones, PCs and digital cameras, to store electricity on a temporary basis and remove electronic noise. TAIYO YUDEN excels in producing small, high-capacitance multilayer ceramic capacitors that are optimal for cutting-edge compact, thin digital devices. Our products are used in large numbers in these devices.

**Main products:** Multilayer ceramic capacitors

#### Ferrite and Applied Products

The main products in this segment are electronic components known as inductors. Inductors have two main applications: firstly, they serve as electronic noise suppression components based on their characteristic of allowing direct current to pass while blocking the flow of alternating current, and secondly, inductors serve as electronic components known as choke coils, which utilize inductors' ability to store electricity in the form of a magnetic field in their coils.

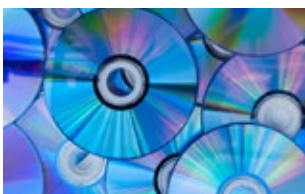
**Main products:** Wire-wound chip inductors, multilayer chip inductors, ferrite chip beads and common-mode choke coils

### ■ Optical Media and Others

#### Optical Media Products

Since the inception of the CD-R, which was invented by TAIYO YUDEN, we have been producing the highest quality, Japanese-made optical media products. Our optical media products are used for data storage and digital broadcasting recording applications.

**Main products:** CD-Rs, DVD-Rs and BD-Rs





## Integrated Modules & Devices

The integrated modules & devices segment includes products such as SAW/FBAR devices for mobile communications, front-end modules, and inverter modules for LCD TV backlights. SAW/FBAR devices for mobile communications are used mainly in smartphones. These devices are being increasingly fitted to smartphones for the purpose of achieving high-speed data communications and high-quality voice communications.

**Main products:** SAW/FBAR devices for mobile communications, various power modules, high-frequency modules and embedded parts multilayer wiring substrates

## Other Electronic Components

The main products in this segment are energy devices such as polyacene capacitors and lithium ion capacitors. These products are used as backup power supplies for clocks embedded in smartphones and as peak current assistance for LED flashes. Other common applications for these devices include being used as backup power supplies for smart meters and other devices.

**Main products:** Polyacene capacitors and lithium ion capacitors



## Others

The others segment mainly comprises the printed circuit board design and the device mounting business of one of our subsidiaries.

