

Murata in Daily Life

We Work to Support Electronics in Society from Behind the Scenes

The electronic components made from Murata's creative technologies are embedded in the unseen parts of electronic products. But these small products play a big role, making life more comfortable, convenient, and secure. Murata electronic components are working hard behind the scenes.

Murata's electronic components are packed tightly into various types of electronic products. For example, monolithic ceramic capacitors are installed in practically every electronic device, storing power, interrupting DC power and conducting AC power. A mobile phone has over 200 of these components, and a computer more than 700. In this way, Murata electronic components enhance the

performance, features, miniaturization, and safety of products used around the world, such as mobile phones, computers, automobiles, and digital home electronics. Murata's revolutionary technology and stable supply of electronic components play a supporting role for electronics companies and for people in their daily lives.

Major Products by Application

Automotive electronics

Ceramic Capacitors for Medium Voltage, Ultrasonic Sensors, Ceramic Discriminators, SAW Resonators, Ceramic Filters (CERAFIL®) for TPMS, Ceramic Resonators (CERALOCK®) for CAN-BUS

Mobile communications

Chip Dielectric Antennas, Boundary Acoustic Wave Filter, SAW Filters, SAW Duplexers, SWITCHPLEXER®, Bluetooth® Modules, GPS Modules

Computers

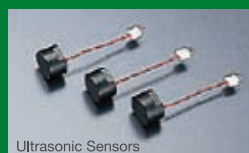
Chip Ferrite Beads, EMIFIL®, Chip Inductors (Chip Coils), Chip Common Mode Choke Coils, Chip Monolithic Ceramic Capacitors, POSISTOR® for overcurrent protection, POSISTOR® for overheat sensing, Shock Sensors

Digital Home Electronics

Piezoelectric Vibrating Gyroscopes (GYROSTAR®), Terrestrial Digital Tuners for Mobile Phones, DC-DC Converters, Wi-Fi Modules

Automobiles

Ultrasonic Sensors increase drivability, environmental performance, and safety, working as resonators for LAN systems—a car's "nervous system"—and as obstacle detectors in rear sonar systems.



Ultrasonic Sensors

Mobile Phones

We provide key technology for mobile phones, including internal antennas, filters that extract only the desired input/output signals, transmission/reception switches, and communications modules.



Filters



Communications Modules

Computers

Chip Monolithic Ceramic Capacitors, which deliver stable power supply to the micro processing unit at the heart of a computer, electromagnetic noise suppression filters for circuits, and cards for wireless communications contribute to computer compactness, performance, and multifunctionality.



Chip Monolithic Ceramic Capacitors

Digital Cameras

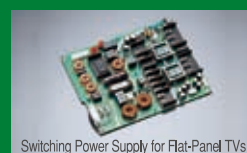
No more blurry pictures caused by camera shake when the shutter release button is pressed. Gyro Sensors make this technological advance possible.



Gyro Sensors

Flat-screen TVs

Murata's power supply design technology has made possible ultra-slim power supplies, contributing to the compactness of flat-screen TVs.



Switching Power Supply for Flat-Panel TVs