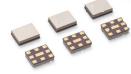




#### PRODUCTS

FBAR Devices SAW Devices



#### Overview and Basics

Overview and Basics

Throwing a pebble into water creates a ripple on the surface, with waves spreading out in all directions. On an elastic body with a free surface, this means a phenomenon where there are localized waves propagating on the surface, known as surface acoustic waves (SAWs).

A SAW device is a device (component) that transforms electric signals into SAWs spreading on the surface of a piezo-electric material, and takes out only the waves with the necessary wavelength and frequency. On the other hand, FBAR devices can handle even higher-frequency bands than SAW devices can, using the operating principle of a film bulk acoustic resonator (FBAR).

## Filters as Devices

FIRENES AS DEVICES

FBAR/SAW filters are components that exclusively extract signals with a specific wavelength and frequency from electric signals containing various frequencies, using an electrical property known as piezo-electricity. These filters remove unwanted noise from the sound of mobile phones, making the transmitted information (e.g. voice over the phone) clearer.

### Duplexers as Devices

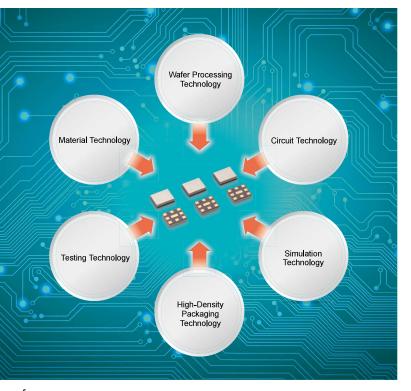
Duplexers as Devices

A duplexer is a component that simultaneously transmits and receives signals through an antenna for mobile communications. It has three ports, for the antenna, transmission, and reception, and includes an FBAR/SAW filter. Duplexers are used as discrete components (separate devices, single-function components), or as modules in combination with other parts with different functions. As they develop for higher performance and smaller sizes, the need for customized and low-profile products is rapidly increasing. increasing.



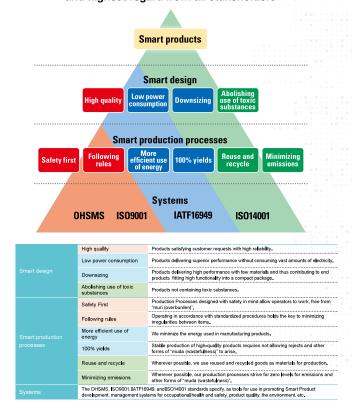
We Manufacture Products Based on Unshakable **Proprietary Technology**, with a Leading-Edge Production Environment, to **Meet Customization Needs**.

TAIYO YUDEN Mobile Technology has a long track record and a wealth of proprietary technology related to electronic circuits and materials. Taking advantage of this, we have established a production and supply structure that allows us to perform every step, from product design and manufacture to promotion.



Smart Product Development

# To be an excellent company that enjoys the trust and highest regard from all stakeholders













# Developing Human Resources, Contributing to the Local Community.

To be the type of organization we wish to be, we are involved in a variety of activities.

# TAIYO YUDEN Group's Social Responsibility (CSR Charter)



The TAIYO YUDEN Group will win our clients' confidence by developing and providing high valle-added products and services for which safety is providing high valle-added products and services for which safety is the providing t



The TAIYO YUDEN Group will respect the dignity and individuality of each person based on recognition of people's diverse backgrounds and characteristics

characteristics.

The TAIYO YUDEN Group will strive to create safe work environments that ensure our employees are able to perform their duties with a sense creassurance.



The TAIYO YUDEN Group will actively participate in social contribution efforts while valuing co-existence with local and international communities.





#### Human Resources





We promote a variety of club activities, to allow employees to find fulfillment in their time off.





In order to promote employees' health and to encourage team unity and harmony, we regularly hold sporting events, such as kickball and bowling competitions

#### Community Activities











# Supplying Japanese Products from TAIYO YUDEN Mobile Technology to Mobile Communications Device Manufacturers around the World.











# PROFILE

TAIYO YUDEN Mobile Technology Co., Ltd.

6-16-3, Shin-machi, Ome-shi, Tokyo 198-0024 Japan Tel: +81 (428) 33-3600 Fax: +81 (428) 33-3905

■President and CEO: Osamu Ikata

■Established: March 31, 2010

Development and manufacture of components for electrical equipment, communications equipment, and electronic equipment

Tokorozawa Factory
1-1, Chikumazawa-higashi,
Miyoshi-machi, Iruma-gun,
Saitama 354-0046 Japan
Tel: +81 (49) 257-1900
Fax: +81 (49) 257-1904

Aug. 2011: Opened Tokorozawa Factory. Jul. 2012:

Merged with our manufacturing subsidiary, TAIYO YUDEN Mobile Technology Products Co., Ltd.

Apr. 2014: Established Ome Operation Center in Ome City, Tokyo.

Jul. 2014: Moved Headquarters from Yokohama City, Kanagawa, to Ome City, Tokyo.

Opened the Technology Center. Consolidation of Technology Center functions to Head Office. Apr. 2025:



We consistently bear the following in mind:

**Technology & Products No. 1** 

**Quality First** 

and

**Challenge for the Realization** 

as we strive to be a company that continues to develop.

