

WHY choose us?

About us

Superior Electronics Corporation is a leading manufacturer of quality RF products for various applications as an OEM/ODM/JDM as well as our own branding. With our in-house design, engineering, prototyping and manufacturing, we can control quality all the way along the process and move faster.

An ISO 9001 certified company, we have been at the forefront of Taiwan's security products industry since 1971 as the manufacturer of ENFORCER, SECO-LARM, and other brands.

Whether you're looking for a partner in OEM/ODM manufacturing or a provider of quality products, Superior Electronics Corporation has solutions for you.

55
Since 1971



HIGH QUALITY

Superior quality control



MOQ

Large production capacity with low MOQ



PROFESSIONAL MANUFACTURE

In-house manufacturing and assembly



SAMPLE AND GOODS DELIVERY

In-house design and rapid prototyping

Let us solve your RF needs



A custom product with better focus



Minimal time to market



Minimal investment in time and money



Based on proven, reliable technology



Certifications already complete

Solutions



Industrial



Commercial/Residential



Farm & Ranch



Sporting Industry



Garage Doors



HVAC Control



Arcades

ENFORCER® SECO-LARM®

SUPERIOR ELECTRONICS CORPORATION

No. 10, Lane 31, Chongde St., Taipei 110, Taiwan

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Tel: (886-2) 2378-6161

Fax: (886-2) 2378-6163

e-mail: info@superior-elec.com

Website: www.superior-elec.com

Make it Wireless

RF Wireless Solutions

Solving your wireless needs



OEM / ODM / JDM

• Technical Expertise

Leaders in RF development and manufacturing

• Quality Management

Have long met and maintained ISO 9001 quality management standards

• Manufacturing Capabilities

Can manufacture according to your needs in house for better control and speed with custom housings and layouts

• Pre-certification

All wireless products are certified by one or more of the major world certification agencies—FCC, CE, IC

• Broad Range of Products

Offering all types of wireless products from the simplest 1-button/single-channel systems to 4-button/15-channel, code-hopping, and 900MHz/868MHz long-range wireless, as well as 2-way System on Module (SoM) transceivers





Long-Range

RF Transmitters/Receivers

HL-Series

The HL-Series RF uses digital modulation for improved immunity to interference, better signal penetration in environments with heavy obstructions, and significantly longer range. 900MHz (FCC) and 868MHz (CE) models available.

HL-Series

- Range up to 1,800ft (550m)*
- 1- or 2- Channels available
- Up to 99 button codes per channel
- UART Output option for OEM
- Wide voltage range receiver, 10~24 VAC or 9~48 VDC
- IP68 Waterproof transmitter
- PCB Transmitter antenna



Patented

900MHz
or
868MHz

Up to
48VDC

PCB
Antenna

Long-Range

System-on-Module (SoM) Transceivers

HL-Series

The HL-Series Long-Range RF System-on-Module (SoM) Transceivers allow you to easily add HL Series technology to your product with less investment in time and resources and less delay to market. 900MHz (FCC) and 868MHz (CE) models available.

HL-Series

- Operating voltage: 3VDC
- Up to 4 Channels available
- Up to 99 button codes per channel
- UART output (3V)
- Up to 4 Control switch outputs
- Choice of fixed PCB antenna or detachable flexible antenna



RF

Transmitters/Receivers

SK-Series

The SK-Series RF comes in a broad range of models from 1 to 4 channels, 315MHz or 433.92MHz. Receivers support a wide voltage range. Transmitters include fixed code, block-code, and CODEBUMP™ models in various sizes.

- 315MHz and 433.92MHz available
- Five programmable output modes
- IP66 Weatherproof transmitter
- All certified by one or more agencies—FCC, CE, IC
- Multifrequency external antenna available
- Available with no logo or your laser-printed branding

433MHz
or
315MHz

PROM
Output
Modes

LED
Indicator



Patented

Long-Range
Transmitters/
Receivers

Standard RF
Transmitters/
Receivers

OEM/ODM/
JDM

Long-Range
System-on-Module (SoM)
Transceivers

Solutions for You

Let us solve your RF needs

Need a customized solution? We can modify existing products to provide effective solutions at minimal cost.

Or our have a team of engineers with a long history of finished in the wireless field can create custom designs from concept to prototype to product, all in-house. Our pre-certified technology ensures reliable and fast market-ready products.

- Complete engineering and design services
- Rapid prototyping, often in days rather than weeks or longer
- Printed circuit boards and assembly
- Ability to produce both surface-mount (SMT) and through-hole components
- Conformal coating application to protect components from harsh conditions
- Offer excess components for sale



Conceptualization



Design and
Engineering



Prototyping
and Testing



Quality Control
and Assurance



Manufacturing
and Production



Packaging
and Shipping

*Actual operating range will vary depending on the installation and operating environment