## 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

900MHz or 868MHz

Up to 48VDC

PCB Antenna

Long Tran

## **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

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

## **SUPERIOR ELECTRONICS**

The SK-Series RF comes in a broad range of models from 1 to 4 channels, 315MHz or 433.92MHz.

Transmitters include fixed code, block-code, and

Receivers support a wide voltage range.

CODEBUMP™ models in various sizes.

## RF

## Transmitters/Receivers SK-Series

- 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

g-Range

smitters/

eceivers

PROM Output Modes

LED Indicator





## **Standard RF**

Transmitters/
Receivers

OEM/ODM/ JDM

## **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.

## Long-Range

System-on-Module (SoM)
Transceivers

- 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



Packaging and Shipping





**Quality Control** and Assurance





Manufacturing and Production



# 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.







Large production capacity with low MOQ

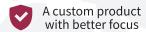


In-house manufacturing and assembly



**GOODS DELIVERY** In-house design and rapid prototyping

#### Let us solve your RF needs





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

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