



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PS915

## Powercast® RF Field Detector with LED – 915MHz



### DESCRIPTION

The PS915 RF Field Detector enables simple RF field detection in the 902-928 MHz ISM band. The PS915 comes with two different color options, red or green and works with the Powercast TX91501 transmitter or any UHF RFID reader.

### FUNCTION

The PS915 functions by utilizing Powercast's Powerharvester technology to efficiently convert the RF energy into DC power. This converted DC power is then supplied to the onboard LED. The more RF energy harvested, the brighter the LED will be.

### APPLICATIONS

RF Field Visualization  
RFID Testing and Installation  
Polarization Verification

### ELECTRICAL CHARACTERISTICS

Frequency	850-950MHz (915 Typ.)
Antenna Type	Dipole
Polarization	Vertical
Antenna Pattern	Omni-directional
Operating Temperature	-40 to 85°C

### MOUNTING INSTRUCTIONS

Mount the RF Field Detector using the hole located at the top. When holding, hold from the end with the hole as close to the edge of the board as possible. Function may be drastically reduced when mounted on a metal surface

### ORDERING INFORMATION

The PS915 is available in two different colors; red and green.

## PS915 - X

PS915 915 = 915 MHz	X (Color) R= Red G = Green
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### MECHANICAL INFORMATION

