



## S05 - VERSASENSE MICROPHONE

### PRODUCT DESCRIPTION

The VersaSense Microphone (**S05**) provides alerts when loud noises are detected in the ambient environment. For example, a finger click at a distance of 1 meter from the sensor will trigger an alert.

The microphone consumes a significant amount of power and VersaSense therefore recommends the use of a power supply peripheral such as **Z01** if multi-year battery life is required.

### VERSASENSE SENSORS

VersaSense Sensors are self-identifying sensors and actuators that connect to VersaSense Wireless Devices to provide plug-and-play sensing and control.

The VersaSense software automatically installs and configures all drivers, eliminating the cost and complexity of deploying an IoT network.

**Note:** only one peripheral of this type may be connected to a VersaSense Wireless Device.

### APPLICATIONS

Monitoring noise pollution, basic audio control, monitoring human or animal activity.

### CORE COMPONENTS

The **S05** is based on the SPV0840LR5H-B from Knowles™ Electronics, for more information please visit:

[SPV0840LR5H-B.pdf](#)

### S05 CHARACTERISTICS

Characteristic	Value	Unit
Avg. Current Consumption	650	µA
Optimal Frequency Response	100-10k	Hz
Noise Detection Level	Approx. equivalent to a finger-click at 1 meter	
Min/Max period between updates	10 / 86400	s

### RELATED PRODUCTS

Item **S05** requires a VersaSense Wireless Device such as **Pxx** or **Lxx**. This item is compatible with all items in the VersaSense catalog:

[VersaSense-Catalog.pdf](#)

### INFORMATION/SUPPORT

Web: [www.versasense.com](http://www.versasense.com)

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