

## Applications

- WiFi bandpass filter that enables the coexistence of (LTE/TD-LTE) & Wi-Fi
- Portable Hotspots
- Wi-Fi Routers and LTE Gateways
- Smart Meters
- Wi-Fi Access Points
- Small Cells

## Product Features

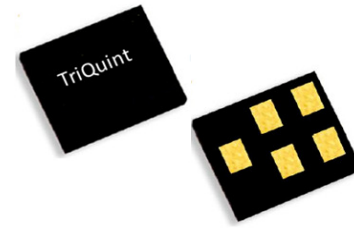
- Low Loss in WLAN band with extended upper corner for inclusion of Bluetooth
- High Rejection in B30/B38/B7/B41 bands
- Industry leading small size: 1.1 x 0.9 x 0.5 mm
- Performance over -40 to +95 °C
- Single Ended operation
- RoHS compliant, Pb-free module package

## General Description

The 885128 is a high-performance, high power Bulk Acoustic Wave (BAW) band-pass filter with extremely steep skirts, simultaneously exhibiting low loss in the WiFi band and high near-in rejection in the approximate LTE bands.

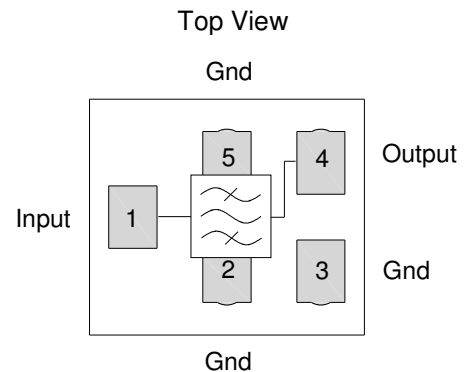
885128 is specifically designed to enable coexistence of WiFi and LTE signals within the same device or in close proximity to one another.

The 885128 uses common module packaging techniques to achieve the industry leading size 1.1 x 0.9 x 0.50 mm footprint. The filter exhibits excellent power handling capabilities.



1.1 x 0.9 x 0.50 mm

## Functional Block Diagram



## Pin Configuration – Single Ended

Pin No.	Label
1	Input
4	Output
2,3,5	Function label

Note:

1. Pin 1 must be used for input. The large signal performance of this filter (power handling and nonlinear response) is not symmetric

## Ordering Information

Part No.	Description
885128	Packaged Part
885128-EVB	Evaluation board

Standard T/R size = 15,000 units/reel