

AW859A

WiFi 11ac + BT5.0 Module Spec

拟制 Design	审核 Check	批准 Approve	版本 Version	日期 Date
			V1.2	2020.05.15

更改记录:

Reversion History:

版本 Version	日期 Date	更改内容 Modification
1.0	2020.03.06	First release
1.1	2020.03.26	升级实物图片
1.2	2020.05.15	蓝牙接口描述更正，升级模组 PIN6 的使用描述

1. Overview

The AW859A is a single-die wireless local area network (WLAN) and Bluetooth (BT) combination solution to support 1 × 1 IEEE 802.11a/b/g/n/ac WLAN standards and BT 5.0 enabling seamless integration of WLAN/BT and low-energy technology.

2. Features

- Supports a low-power SDIO 3.0 interface for WLAN and a SDIO/PCM interface for BT
- Provides a highly integrated WLAN system-on-chip (SoC) for 5 GHz 802.11ac, or 2.4 GHz/5 GHz 802.11n WLAN applications
- Support WLAN 2.4GHz and 5GHz band channels
- Supports BT 5.0, BLE, and ANT+ and backward compatibility with BT 1.x and BT 2.x + Enhanced Data Rate
- Supports a single-ended RF port for cleaner and lower cost design
- Supports 20 MHz/40 MHz at 2.4 GHz and supports 20 MHz, 40 MHz, or 80 MHz at 5 GHz