



Wi-Fi 6 芯片

- ❑ 自主研发MAC&PHY&RF
- ❑ 已取得WFA认证
- ❑ 稳健的用户性能表现
- ❑ 良好的Wi-Fi兼容性
- ❑ 软硬件整体解决方案

**Wi-Fi CERTIFIED™ Certificate**
This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs
Certification ID: WFA114123

| Product Info | |
|-----------------------|---------------------------------------|
| Date of Certification | October 20, 2022 |
| Company | Senscomm |
| Product Name | WISEN 2 – Wi-Fi 6 and Bluetooth Combo |
| Product Model Variant | SCM26205 |
| Model Number | SCM2020-E |
| Category | Other |
| Sub-category | Reference Design |



“WISEN-2”

高集成度和高速的SoC:

2x2 MIMO Wi-Fi 6 + BT/BLE SoC

- › 2T2R, 802.11a/b/g/n/ac/ax, 20/40/80MHz BW
- › Wi-Fi 6 OFDMA/MU-MIMO/TWT/1024QAM
BSS Color/Beamforming
- › 2.4GHz/5GHz dual-band; DBDC
- › 1.2 Gbps data rate
- › Support BT/BLE 5.2
- › Integrated dual-band PA and LNA
- › SoftAP/STA concurrent mode
- › Peripherals: PCIe2, USB3/2, SDIO3.0

应用产品:

TV, 机顶盒, PC, 智能投影, 高清摄像头等



“WISEN-1”

高集成度和低成本SoC:

1x1 SISO Wi-Fi 6 + BLE + MCU

- › 1T1R, 802.11b/g/n/ax, 20/40MHz BW
- › Wi-Fi 6 OFDMA/MU-MIMO/TWT/256QAM
BSS Color/Beamforming
- › 2.4GHz single band
- › Bluetooth LE 5.2 and Bluetooth mesh
- › Integrated PA, LNA and T/R switch
- › Integrated MCU
- › Support 11ax ER (Extended Range) 106 RU mode
- › Reliable security features
- › SoftAP/STA concurrent mode
- › Rich peripheral interfaces

应用产品:

大小家电, 电工照明, 安防传感等