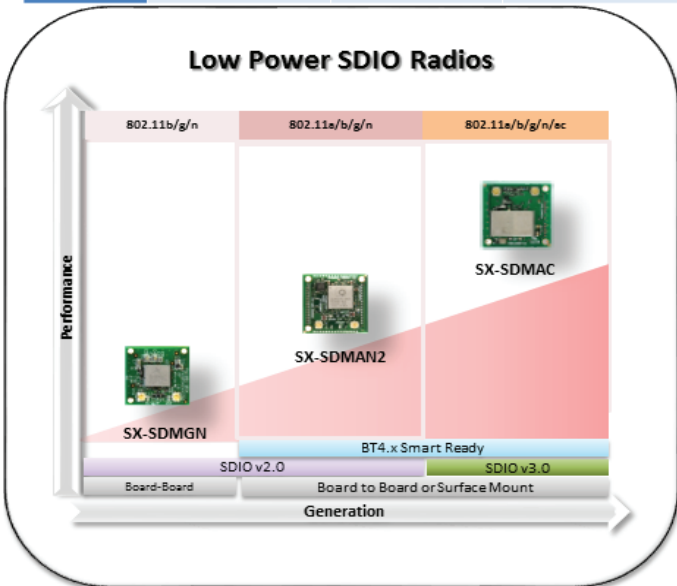


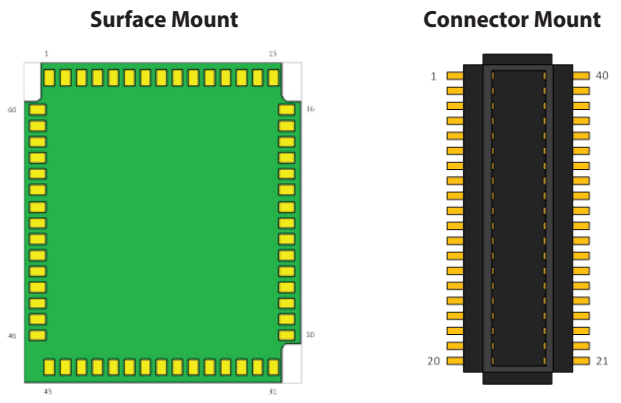
SX-SDMAC SKU's			
Name	SX-SDMAC-2830S	SX-SDMAC-2831S	SX-SDMAC-2831C
Shape			
Type	Surface Mount	Surface Mount	Connector Mount
Antenna	Onboard + U.FL x1	U.FL x2	U.FL x2



Ordering Information

- SX-SDMAC-2831C R2: B2B, Bulk Package (2 U.FL Connectors)
- SX-SDMAC-2831C R2 SP: B2B, Sample Pack (2 U.FL Connectors)
- SX-SDMAC-2830S R2: SMT, Bulk Package (On Board Antenna)
- SX-SDMAC-2830S R2 SP: SMT, Sample Pack (On Board Antenna)
- SX-SDMAC-2831S R2: SMT, Bulk Package (2 U.FL Connectors)
- SX-SDMAC-2831S R2 SP: SMT, Sample Pack (2 U.FL Connectors)
- SX-SDCAC-2830 R2 SP: QCA9377 Evaluation Module (Includes antennas and cables)

Pin Numbering and Connection Options



General Specifications

- On-Chip Functionality: MAC/BB/PHY Processing
- Hardware Encryption: WAPI, WEP, AES-GCMP 128/256, AES-CCMP 128/256, TKIP, WAPI Full Rate
- Supported Data Rates:
 - IEEE 802.11b: 1 – 11 Mbps
 - IEEE 802.11a and g: 6 – 54 Mbps
 - IEEE 802.11n: MCS0-7 (1x1)
 - IEEE 802.11ac: MCS0-9 (1x1)
- Bluetooth: Bluetooth 5.0 BR/EDR/BLE Smart Ready

Driver Support

- Wi-Fi Reference Drivers:**
- Linux
 - AP Mode and STA Mode.
 - WPA2/WPA, TKIP, AES Encryption, IEEE 802.1X, EAP
 - IEEE 802.11e (QoS)
 - WPS2.0
 - Wi-Fi Direct
 - Android
 - Windows
 - WEC 7 Driver, WEC2013, Win10/10 IoT
 - FreeRTOS

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