

Product Security Features

onsemi RSL10 and RSL15 Bluetooth Low Energy MCUs combine secure hardware and software features to help customers meet stringent security requirements. These features are listed in the following table:

Feature	RSL10	RSL15
PSA Certification	N/A	Level 1 https://products.psacertified.org/products/rsl15
Crypto Acceleration	AES-128	Arm® CryptoCell-312
Secure Storage	No	Yes
Secure Key Usage	No	Yes
Secure Boot	Implemented in firmware	Yes
Secure Update	Implemented in firmware	Yes
Secure Debug	Yes via debug port lock	Yes
Secure Attestation	No	Yes
Isolation	No	Arm® TrustZone®
True Random Number Generator (TRNG)	No	Yes

For applications requiring advanced security features such as hardware based secure boot and secure update, RSL15 is the preferred choice. RSL10 offers foundational security suitable for simpler use cases. For more detail, see product datasheets and documentation packages at www.onsemi.com/rsl10 and www.onsemi.com/rsl15.

Product security vulnerabilities can be reported here: www.onsemi.com/support/product-security-vulnerability