The domain digits x are listed in the following table.

Domain digit	Power domain
0	MCU
1	RADIO
2	PERI
3	LP

Table 2: Domain digit overview

2.2.2.1 Peripheral instantiation

The peripherals have a set of security capabilities listed in Instantiation on page 216.

The following table describes the abbreviations used.

Abbreviation	Description
NS	TrustZone/security attribute is non-secure The peripheral is accessible as a non-secure peripheral
S	TrustZone/security attribute is secure The peripheral is accessible as a secure peripheral
US	TrustZone Map is user selectable The TrustZone/security attribute of the peripheral is configurable
HF	TrustZone Map is Hardware Fixed The TrustZone/security attribute of the peripheral cannot be changed
NA	Not Applicable – Peripheral has no DMA capability
NSA	NoSeparateAttribute – Peripheral with DMA and DMA transfer has the same security attribute as assigned to the peripheral
SA	SeparateAttribute – Peripheral with DMA and DMA transfers can have a different security attribute than the one assigned to the peripheral

Table 3: Instantiation table abbreviations

The Secure mapping column in the peripheral instantiation table defines configuration capabilities for the Arm TrustZone for Armv8-M secure attribute. The DMA security column describes the DMA capabilities of the peripheral.

The instantiation table has the following columns:

- Instance Column – Indicates the peripheral instance name followed by optional TrustZone attribute. A corresponding address is listed in the Base address column indicating the base address for secure and non-secure TrustZone attributes. This optional TrustZone attribute is separated by a colon (:).
- Trustzone Column – This has 3 sub-columns indicating the TrustZone map, TrustZone attribute and DMA capability. The options are as listed in Instantiation table abbreviations on page 5.