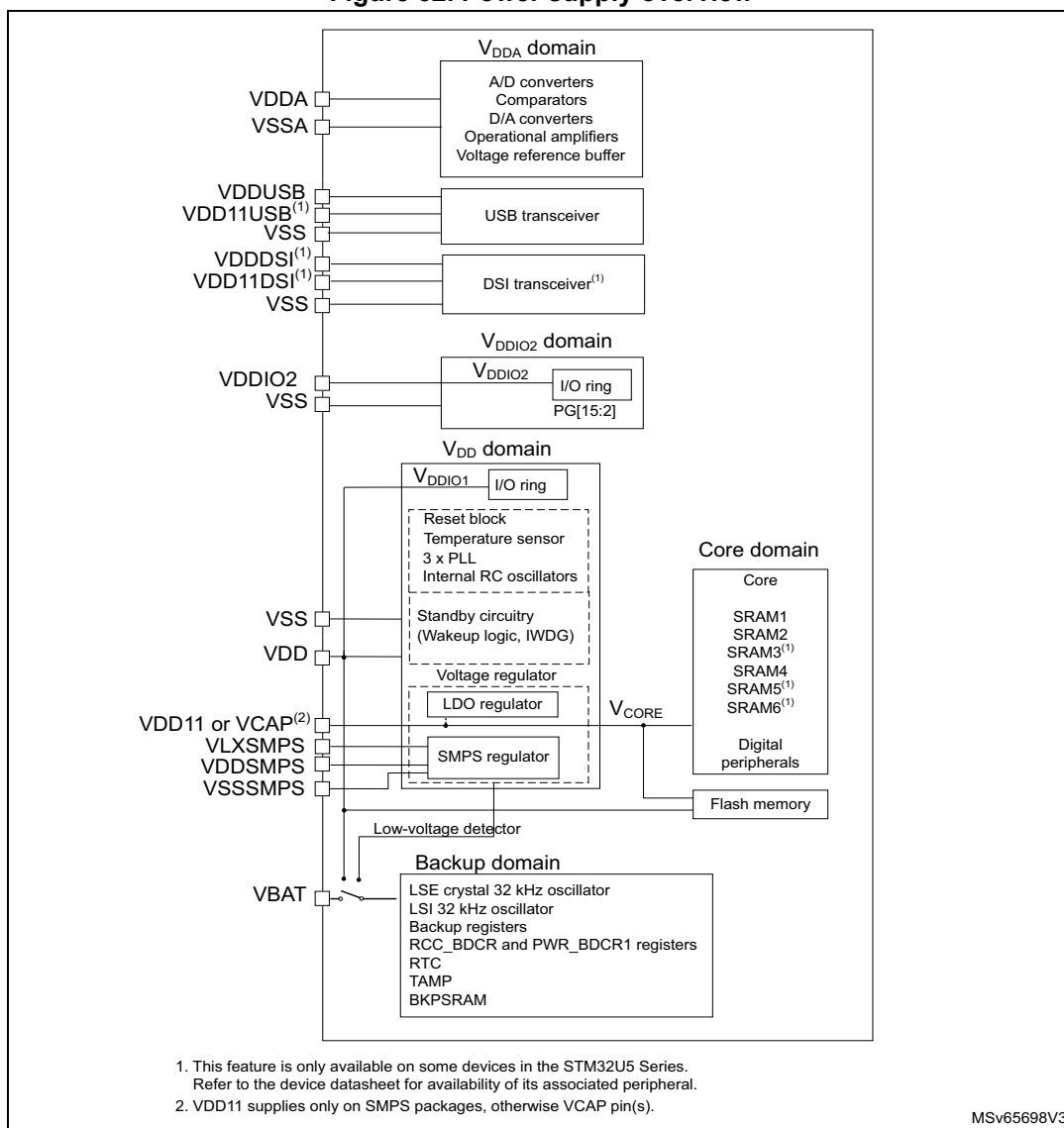


## 10.4 PWR power supplies and supply domains

Figure 32. Power supply overview



### 10.4.1 External power supplies

The devices require a 1.71 V to 3.6 V V<sub>DD</sub> operating voltage supply. Several independent supplies can be provided for specific peripherals. These supplies must not be provided without a valid operating supply on VDD pin:

- V<sub>DD</sub> = 1.71 V to 3.6 V (functionality guaranteed down to V<sub>BOR</sub> minimum value)  
V<sub>DD</sub> is the external power supply for the I/Os, the internal regulator, and the system analog such as reset, power management, and internal clocks. It is provided externally through VDD pins.