

Application Active Peripheral	QTY	Peripheral Base VDDREG_IDD	Total VREG SWn CORE_IDD	Peripheral Base VDDX_IDD	Total VDDX_IDD	Total VUSB3V3 IDD	Total IOH / IOL
CPU IVDDREG	1	255 mA	*(2) 196 mA	0 mA	0 mA	----	----
ADC Module	2	0.6 mA	1.2 mA	0.5 mA	1.0 mA	----	----
TCC	4	2.1 mA	8.4 mA	0.5 mA	2.0 mA	----	----
SERCOM	2	6.0 mA	12 mA	0 mA	0 mA	----	----
CAN_FD	2	2.3 mA	4.6 mA	0 mA	0 mA	----	----
Ethernet GMII	1	12.2 mA	12.2 mA	10.2 mA	10.2 mA	----	----
RTC	1	0.03 mA	0.03 mA	0 mA	0 mA	----	----
DMA Channels	4	16 mA + 2mA / Channel	16mA + 8mA	0.15 mA	0.6 mA	----	----
WDT	1	0.02 mA	0.02 mA	0 mA	0 mA	----	----
CRYPTO (HSM)	1	23 mA	23 mA	0 mA	0 mA	----	----
TRNG	1	0.05 mA	0.05 mA	0 mA	0 mA	----	----
I/O pins *(1)		---	---	---	---	---	IOL = 16 mA IOH = 8 mA
USB	1	38 mA	----	0.5 mA	0.5 mA	3.1 mA	----
SRAM	1	44 mA	----	----	----	----	----
PLL	1	15 mA	----	----	----	----	----
SUB TOTAL	---	---	281.5 mA	---	14.3 mA	3.1 mA	----
SUM TOTAL	---	378.5 mA		---	14.3 mA	3.1 mA	---