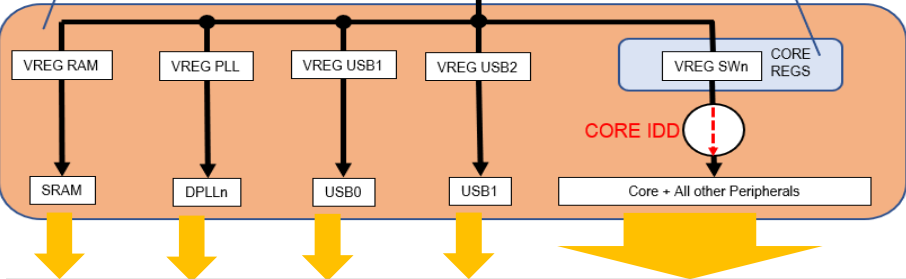


VDDREG PIN(s) 1.8v

- PKG PDMAX (mW)
- Die Junction (125°C Max)

341mA max



SRAM	Elect Param	DPLLn	Elect Param	USB0	Elect Param	USB1	Elect Param	Peripheral	CORE IDD Current / each	Elect Param	VDDx IDD	Elect Param
44 mA	(*)	15 mA	(*)	38 mA	(*)	38 mA	(*)	CPU IDDREG	*1) 255 mA	APWR_9	0 mA	(*)
								ADC Module	0.6 mA	(*)	0.5 mA	(*)
				VDDX_IDD = 0.5 mA	(*)	VDDX_IDD = 0.5 mA	(*)	Analog Comparator	0.5 mA	(*)	0.3 mA	(*)
								TCC	2.1 mA	(*)	0.5 mA	(*)
				VUSB3V3_0_IDD = 3.1 mA	(*)	VUSB3V3_1_IDD = 3.1 mA	(*)	SERCOM	6.0 mA	(*)	0 mA	(*)
								MLB	20.0 mA	(*)	0.7 mA	(*)
								SDHC	1.4 mA	(*)	6.3 mA	(*)
								I2S	2.4 mA	(*)	0.8 mA	(*)
								SQI	4.6 mA	(*)	0 mA	(*)
								CAN_FD	2.3 mA	(*)	0 mA	(*)
								Ethernet 10/100	11.1 mA	(*)	0 mA	(*)
								Ethernet GMII	12.2 mA	(*)	10.2 mA	(*)
								EBI / SMC	15.5 mA	(*)	7.6 mA	(*)
								RTC	0.03 mA	(*)	0 mA	(*)
								PTC	1.2 mA	(*)	0.9 mA	(*)
								DMA	16mA Base + 2 mA/Channel	(*)	0.15 mA	(*)
								WDT	0.02 mA	(*)	0 mA	(*)
								CRYPTO (HSM)	23 mA	(*)	0 mA	(*)
								TRNG	0.05 mA	(*)	0 mA	(*)
								FREQM	1.4 mA	(*)	0.5 mA	(*)
								JTAG	0.01 mA	(*)	0 mA	(*)
								SWD	0.01 mA	(*)	0 mA	(*)
								Trace	0.01 mA	(*)	0 mA	(*)