

Sleep Modes and Power Consumption

Power mode	Description		Power consumption	
Modem-sleep	The CPU is powered on.	240 MHz *	Dual-core chip(s)	30 mA ~ 68 mA
			Single-core chip(s)	N/A
		160 MHz *	Dual-core chip(s)	27 mA ~ 44 mA
			Single-core chip(s)	27 mA ~ 34 mA
		Normal speed: 80 MHz	Dual-core chip(s)	20 mA ~ 31 mA
			Single-core chip(s)	20 mA ~ 25 mA
Light-sleep	-		0.8 mA	
Deep-sleep	The ULP coprocessor is powered on.		150 μ A	
	ULP sensor-monitored pattern		100 μ A @1% duty	
	RTC timer + RTC memory		10 μ A	
Hibernation	RTC timer only		5 μ A	
Power off	CHIP_PU is set to low level, the chip is powered off.		1 μ A	

source: https://www.espressif.com/sites/default/files/documentation/esp32_datasheet_en.pdf

From:

<https://student-wiki.eolab.de/> - HSRW EOLab Students Wiki

Permanent link:

<https://student-wiki.eolab.de/doku.php?id=amc2022:grouph:datasheet&rev=1660126043>

Last update: **2023/01/05 14:38**

