

	Core (2.5V)		I/O (3.3V)	
	12MHz	32KHz	12MHz	32KHz
Power-down mode				
Using external program memory	2.0mA	0.2mA	1.4mA	0.6mA
Using internal program memory	2.4mA	0.5mA	1.4mA	0.6mA
Normal mode				
Using all block (including DSP)	12.8mA		15.4mA	
Using controller only (others disabled)	5.8mA		1.4mA	

1. The current number may have 0.1mA error.
2. The number is measured in eWare's GoldFish (simplified) board, which has only 1 pieces of SDRAM.
3. The I/O current includes the SDRAM & Program Flash because we cannot de-couple them on board.
4. Without SDRAM on board, the I/O current is less than 0.1mA in sleep mode.