



MCF5272 Power Dissipation

Maximum Power ¹

Vcc Voltage (V)	Current Consumption (mA)	Power Dissipation (W)
3.3	264	0.871
3.6	291.7	1.050

Typical Power ²

Vcc Voltage (V)	Current Consumption (mA)	Power Dissipation (W)
3.3	248	0.818

Notes:

1. Measurement recorded while following operations running:
 - a. All 4 Timers on and running
 - b. DMA continually transferring blocks of data
 - c. USB performing HID test
 - d. Ethernet performing internal loopback test
 - e. Both UARTS transferring data
 - f. All 3 PWMs on and running
 - g. QSPI on, but not running
 - h. PLIC on, but not running
 - i. Instruction cache on
2. Typical measurement recorded while running Dhrystone 2.1 code found on 5272 website