Table 4-2. MPC823 (UDR & CDR) Power Consumption

OPERATION MODE	F98S UDR2 (.42 μ) EQUATION	POWER @ 50MHZ F98S UDR2 (.42 μ)	H89G CDR2 (.36 μ) EQUATION	POWER @ 25MHZ H89G CDR2 (.36 μ)	POWER @ 50MHZ H89G CDR2 (.36 μ)	POWER @ 66MHZ H89G CDR2 (.36 μ)
Normal High LPM=00 TEXPS=1	≅20 mW + F_S/50 * (.78)/2^{DFNH} W	800 mW	≅20 mW + F_S/50 * (.555)/2^{DFNH} W	298 mW	575 mW	752 mW
Normal Low LPM=00 TEXPS=1	≅20 mW + F_S/50 * (.78)/$2^{(DFNL+1)}$ W	410 mW	≅20 mW + F_S/50 * (.555)/$2^{(DFNL+1)}$ W	159 mW	298 mW	385 mW
Doze High LPM=01 TEXPS=1	≅20mW + F_S/50 * 0.4(.78)/2^{DFNH} W	332 mW	≅20mW + F_S/50 * 0.4(.555)/2^{DFNH} W	131 mW	242 mW	312 mW
Doze Low LPM=01 TEXPS=1	≅20 mW + F_S/50 * 0.4(.78)/$2^{(DFNL+1)}$ W	176 mW	≅20 mW + F_S/50 * 0.4(.555)/$2^{(DFNL+1)}$ W	76 mW	131 mW	166 mW
Sleep LPM=10 TEXPS=1	-	10 mW	-	10 mW	10 mW	10 mW
Deep-Sleep LPM=11 TEXPS=1	-	40μA	-	40μA	40μA	40μA
Power-Down LPM=11 TEXPS=0	-	10μA	-	10μA	10μA	10μA

NOTE: F_S IS THE SYSTEM FREQUENCY IN MHZ