

Errata for PIC12C508 (Rev. A Silicon)

The PIC12C508 parts conform functionally to the PIC12C5XX Data Sheet (DS40139C), except for the anomalies described below:

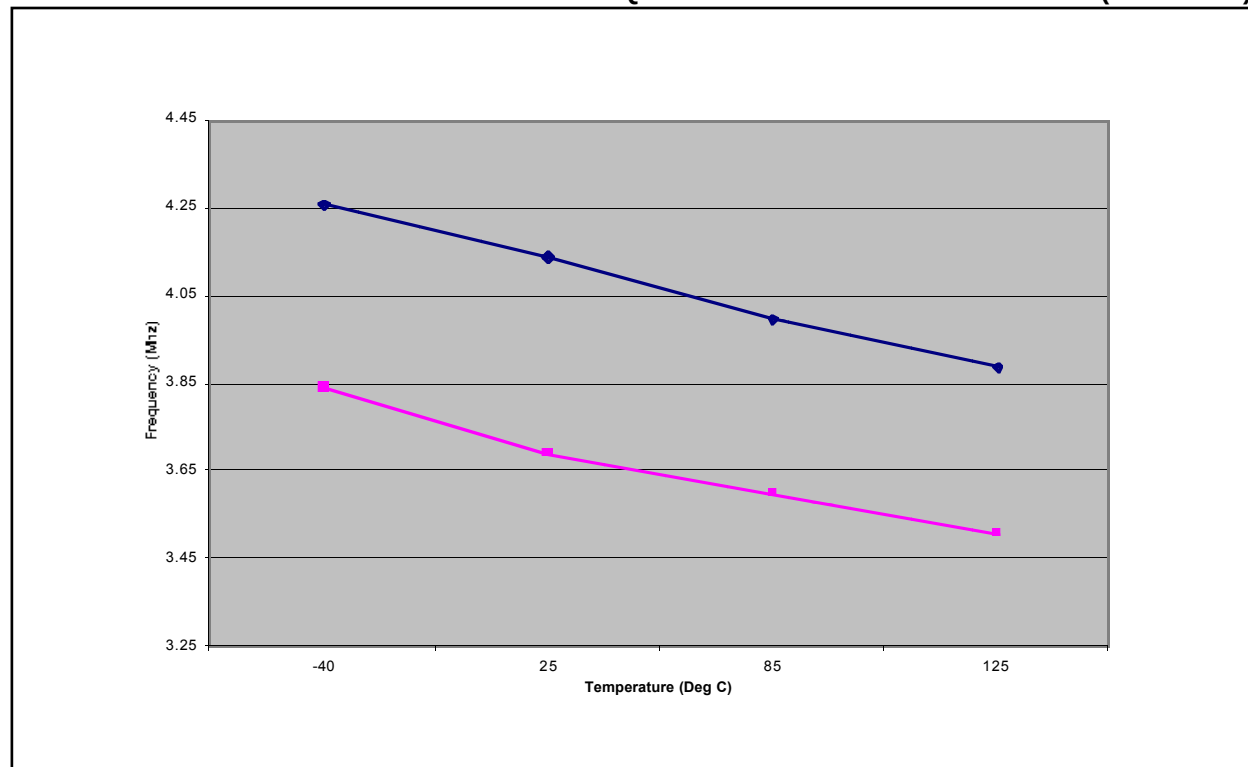
None

Clarifications/Corrections to the Data Sheet:

Reference Figure 11-1 and Figure 11-2 of the PIC12C5XX Data Sheet (DS40139C). The charts below contain updated calibrated internal RC data for the PIC12C508.

Table 11-1 below will be added to the PIC12C5XX Data Sheet in the next revision. It specifies the variation of the calibrated internal RC oscillator.

FIGURE 11-1: CALIBRATED INTERNAL RC FREQUENCY RANGE VS. TEMPERATURE ($V_{DD} = 2.5V$)



PIC12C508

FIGURE 11-2: CALIBRATED INTERNAL RC FREQUENCY RANGE VS. TEMPERATURE (VDD = 5.0V)

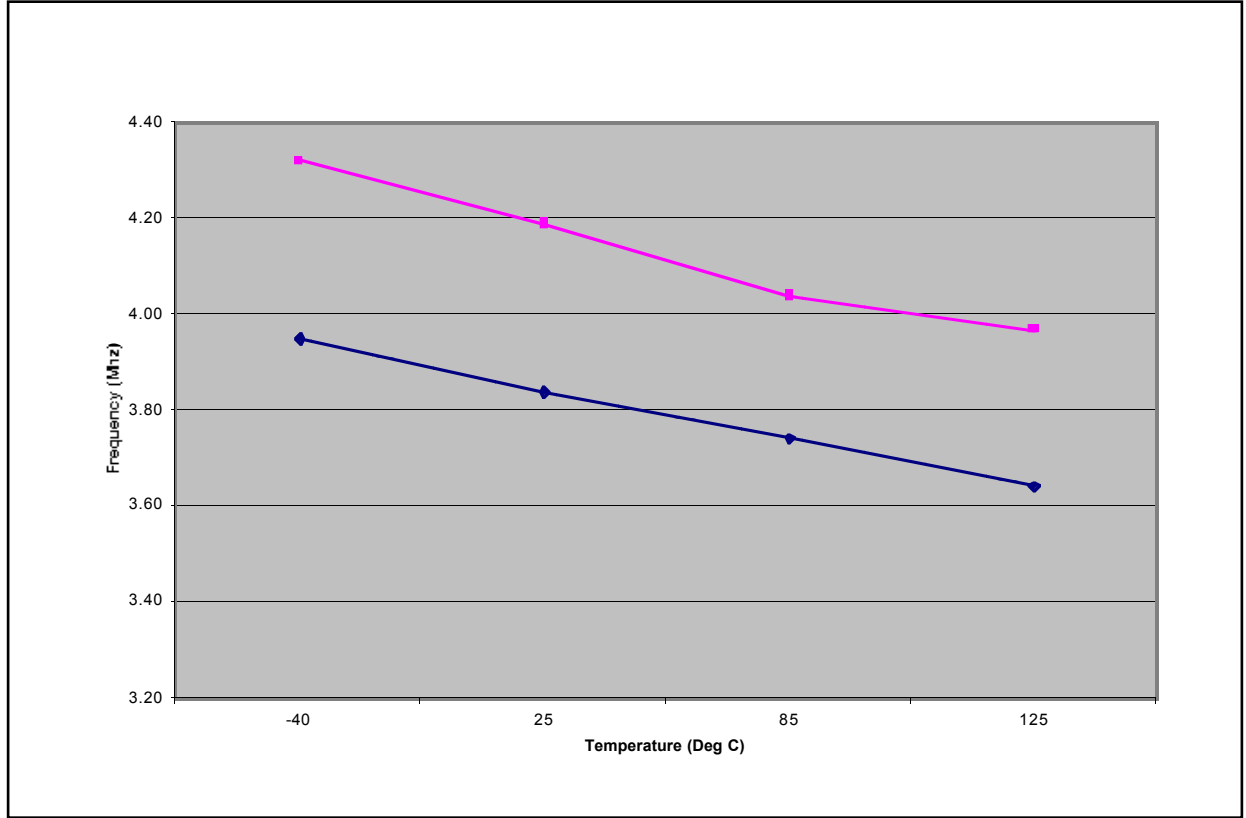


TABLE 11-1: CALIBRATED INTERNAL RC FREQUENCIES - PIC12C508/C509

AC Characteristics		Standard Operating Conditions (unless otherwise specified)					
		Operating Temperature 0°C ≤ TA ≤ +70°C (commercial), -40°C ≤ TA ≤ +85°C (industrial), -40°C ≤ TA ≤ +125°C (extended)					
		Operating Voltage VDD range is described in Section 10.1					
Parameter No.	Sym	Characteristic	Min*	Typ ⁽¹⁾	Max*	Units	Conditions
		Internal Calibrated RC Frequency	3.64	4.00	4.32	MHz	VDD = 5.0V
		Internal Calibrated RC Frequency	3.51	4.00	4.26	MHz	VDD = 2.5V

* These parameters are characterized but not tested.
Note 1: Data in the Typical ("Typ") column is at 5V, 25°C unless otherwise stated. These parameters are for design guidance only and are not tested.



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