

Errata for PIC12C509A (Rev. A Silicon)

The PIC12C509A parts conform functionally to the PIC12C5XX Data Sheet (DS40139C), except for the anomalies described below:

None

Clarifications/Corrections to the Data Sheet:

Reference Section 4.5 OSCCAL Register of the PIC12C5XX Data Sheet (DS40139C). This section should read:

The Oscillator Calibration (OSCCAL) register is used to calibrate the internal 4 MHz oscillator. It contains six bits for calibration. Increasing the cal value increases the frequency.

Reference Figure 4-7 of the PIC12C5XX Data Sheet (DS40139C). Bits <3:2> now used as part of a 6 bit calibration value (bits <7:2>).

FIGURE 4-7: OSCCAL REGISTER (ADDRESS 8Fh)

R/W-1	R/W-0	R/W-0	R/W-0	R/W-0	R/W-0	U-0	U-0
CAL5	CAL4	CAL3	CAL2	CAL1	CAL0	—	—
bit7						bit0	
bit 7-2: CAL<5:0> : Calibration							

R = Readable bit
W = Writable bit
U = Unimplemented bit,
read as '0'
- n = Value at POR reset



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