

## Errata Sheet for PIC16C63A/65B/73B/74B

The PIC16C63A/65B/73B/74B (Rev. A) parts you have received conform functionally to the PIC16C63A/65B/73B/74B data sheet, (DS30605A), except for the anomalies described below.

None.

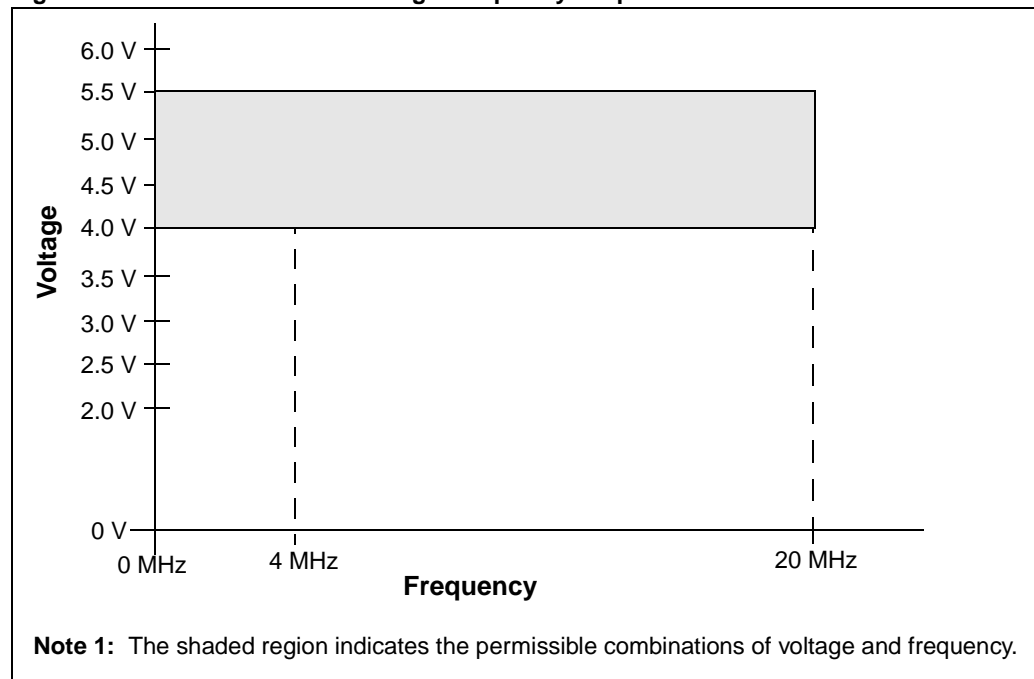
### Clarifications/Corrections to the Data Sheet:

Figure 20-1 and Figure 20-2 are additions to the data sheet to show the area of operation. These figures replace the Cross Reference of Device Specs for Oscillator Modes Table in the Electrical Specification section.

Figure 20-1 shows the voltage vs. frequency operation for the PIC16CXXX devices. Devices marked with a "-04" operate up to 4 MHz, while devices marked with a "-20" operate up to 20 MHz. The entire shaded region is the valid operating region.

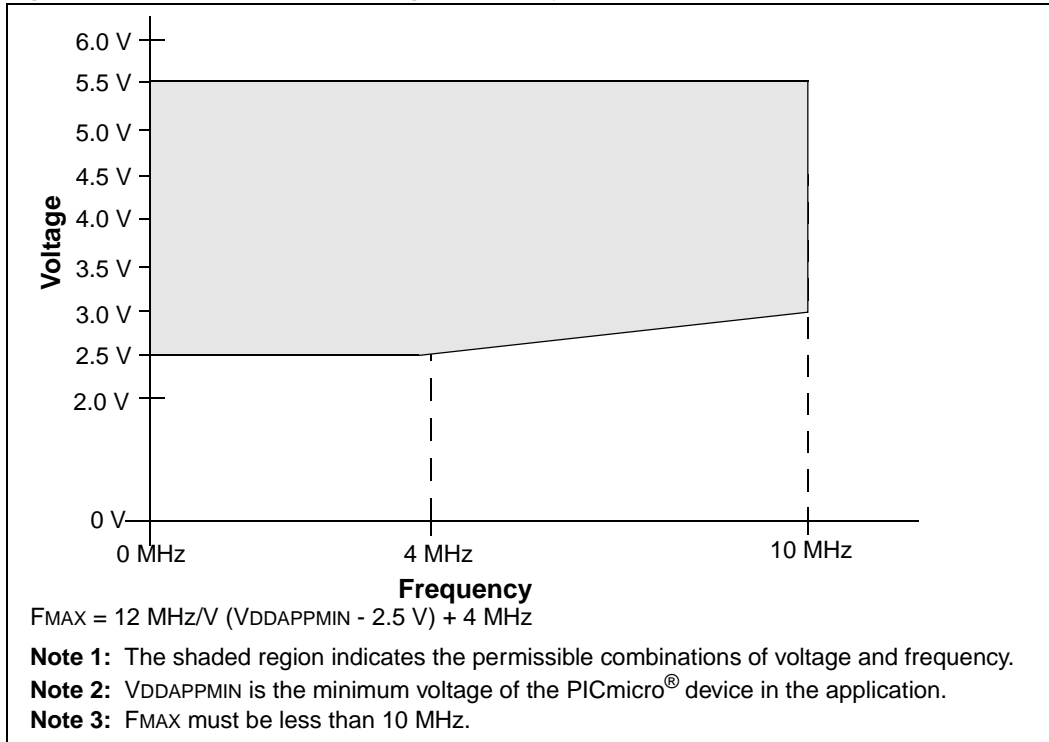
Figure 20-2 shows the voltage vs. frequency operation for the PIC16LCXXX devices. The devices marked with a "-04" operate up to 4 MHz at the minimum supplied voltage. The devices also operate at a higher frequency (10 MHz) and at a higher voltage (3V). The entire shaded region is the valid operating region.

**Figure 20-1: PIC16CXXX Voltage-Frequency Graph**



# PIC16C63A/65B/73B/74B

Figure 20-2: PIC16LCXXX Voltage-Frequency Graph



# PIC16C63A/65B/73B/74B

1. The supply voltages and power-down currents have been improved to the values shown in Table 20-2.

**TABLE 20-2: DC SPECIFICATION CHANGES FROM DATA SHEET**

Parm No.	Symbol	Characteristic	New Specification			Data Sheet Specification			Units
			Min	Typ	Max	Min	Typ	Max	
D001A	VDD	Supply Voltage <sup>(1)</sup>	4.0	—	5.5	4.5	—	5.5	V
D001	VDD	Supply Voltage (LC devices) <sup>(2, 3)</sup>	VDDAPPMIN	—	5.5	N.A.	—	N.A.	V
D021	IPD	Power-down Current (LC devices)	—	0.9	3.0	—	0.9	5.0	μA
D021A			—	0.9	3.0	—	0.9	5.0	μA

**Note 1:** HS oscillator mode

**2:** VDDAPPMIN is the minimum voltage of the PICmicro<sup>®</sup> in the application  
 $VDDAPPMIN \geq 2.5 \text{ V}$

**3:**  $F_{MAX} = (12 \text{ MHz/V}) (VDDAPPMIN - 2.5\text{V}) + 4 \text{ MHz}$   
 $F_{MAX} \leq 10 \text{ MHz}$



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