

rfPIC12C509AG/509AF

rfPIC12C509AG/509AF Rev. A Silicon/Data Sheet Errata

The rfPIC12C509AG/509AF parts conform functionally to the Device Data Sheet (**DS70031A**), except for the anomalies described below.

1. Module: Transmitter DC Characteristics

The windowed ceramic (JW) packaged parts will not meet the transmitter electrical specifications as specified in Section 11.6 (page 86) in the data sheet.

Work around

Use SOIC or SSOP packages for production and compliance testing.

Clarifications/Corrections to the Data Sheet:

In the Device Data Sheet (DS70031), the following clarifications and corrections should be noted.

1. Module: Frequency Range (Crystal)

The bullet sentence under heading UHF ASK/FSK Transmitter (page 1) is changing:

- From: Frequency range set by crystal: 310 - 480 MHz
- To: Transmit frequency range: 310 - 440 MHz set by crystal frequency

2. Module: DC Characteristics (Industrial)

Table 11.1 DC Characteristics: rfPIC12C509AG/509AF (Industrial), Parameter Number D010A, Typical (page 77) is changing from 115 to 15.

3. Module: DC Characteristics (Transmitter)

Table 11.9 Transmitter DC Characteristics: Sym. VDDRF, Minimum (page 86) is changing from 2.1 to 2.2.

APPENDIX A: REVISION HISTORY

Rev A Document (8/2002) First revision of this document.

Note the following details of the code protection feature on PICmicro[®] MCUs.

- The PICmicro family meets the specifications contained in the Microchip Data Sheet.
- Microchip believes that its family of PICmicro microcontrollers is one of the most secure products of its kind on the market today, when used in the intended manner and under normal conditions.
- There are dishonest and possibly illegal methods used to breach the code protection feature. All of these methods, to our knowledge, require using the PICmicro microcontroller in a manner outside the operating specifications contained in the data sheet. The person doing so may be engaged in theft of intellectual property.
- Microchip is willing to work with the customer who is concerned about the integrity of their code.
- Neither Microchip nor any other semiconductor manufacturer can guarantee the security of their code. Code protection does not mean that we are guaranteeing the product as "unbreakable".
- Code protection is constantly evolving. We at Microchip are committed to continuously improving the code protection features of our product.

If you have any further questions about this matter, please contact the local sales office nearest to you.

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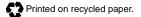
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