

1.3 WHAT IS THE MCP37XXX HIGH-SPEED PIPELINE ADC DATA CAPTURE CARD (ADM00506)?

The MCP37XXX High-Speed Pipeline ADC Data Capture Card (ADM00506) is an FPGA-based memory buffer for the digital data received from the Analog-to-Digital Converter (ADC) evaluation board. [Figure 1-1](#) shows the connection of the data capture card directly between the Evaluation Board and the PC GUI.

The data capture card connects to the PC through a USB cable, providing the user with two functionalities:

- The ability to send user commands directly to the device from the PC GUI.
- The ability to collect data from the evaluation board and send it to the PC GUI.

Refer to [Figure 1-3](#) for close-up photos of the data capture card.

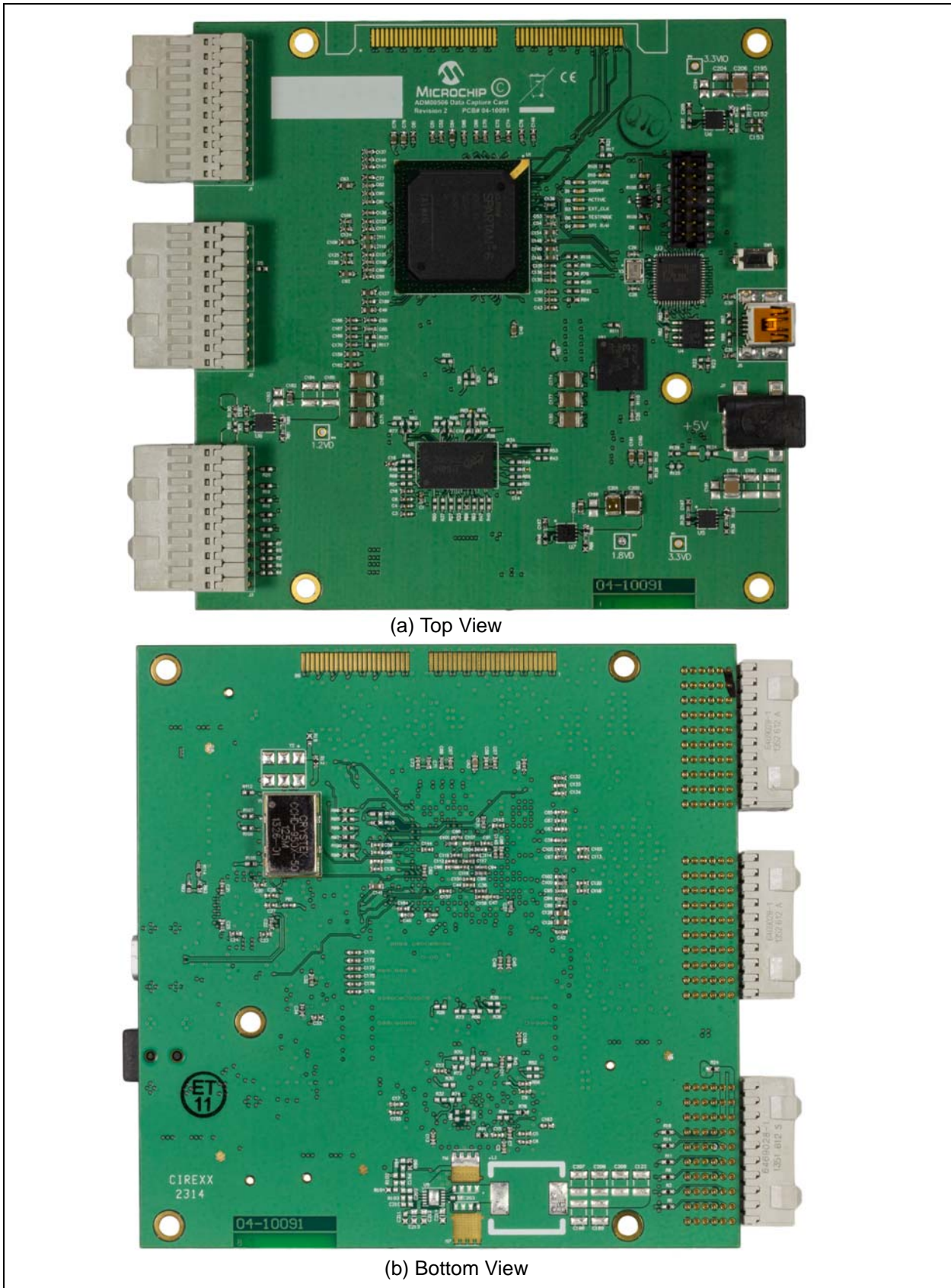


FIGURE 1-3: MCP37XXX High-Speed Pipeline ADC Data Capture Card (ADM00506).