

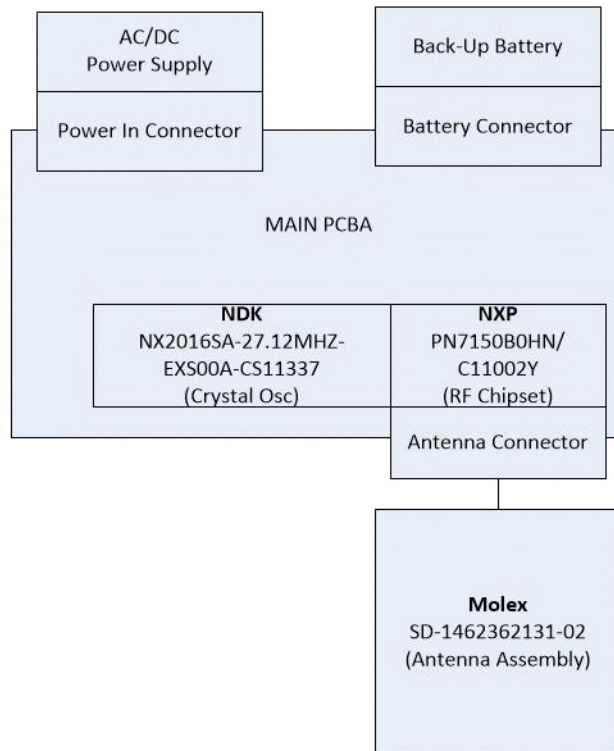
Engineering Design Description

2 GENERAL DESCRIPTION

2.1 High-level Design Description

The RFID circuit is a single channel 13.56MHz transceiver that communicates with RFID tags in a SurgiCount®+ Reader. The entire RF circuit is on the Main PCBA of the SurgiCount®+ Console and outputs the RF signal through a connector to a single antenna. The micro, ST Micro STM32L071CBT6, handles all programming and configuration of the NFC controller.

2.2 Simplified System Block Diagram



*Information accurate as of launch (or with version, if revised)