

Murata Electronics combines  
technologies with

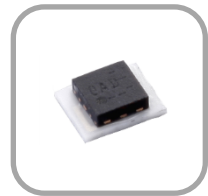


... on the next generation RFID  
**MAGICSTRAP® with I<sup>2</sup>C interface**

*Murata's MAGICSTRAP® is an innovative RFID module utilizing NXP's G2I2C integrated circuit with I<sup>2</sup>C interface.*

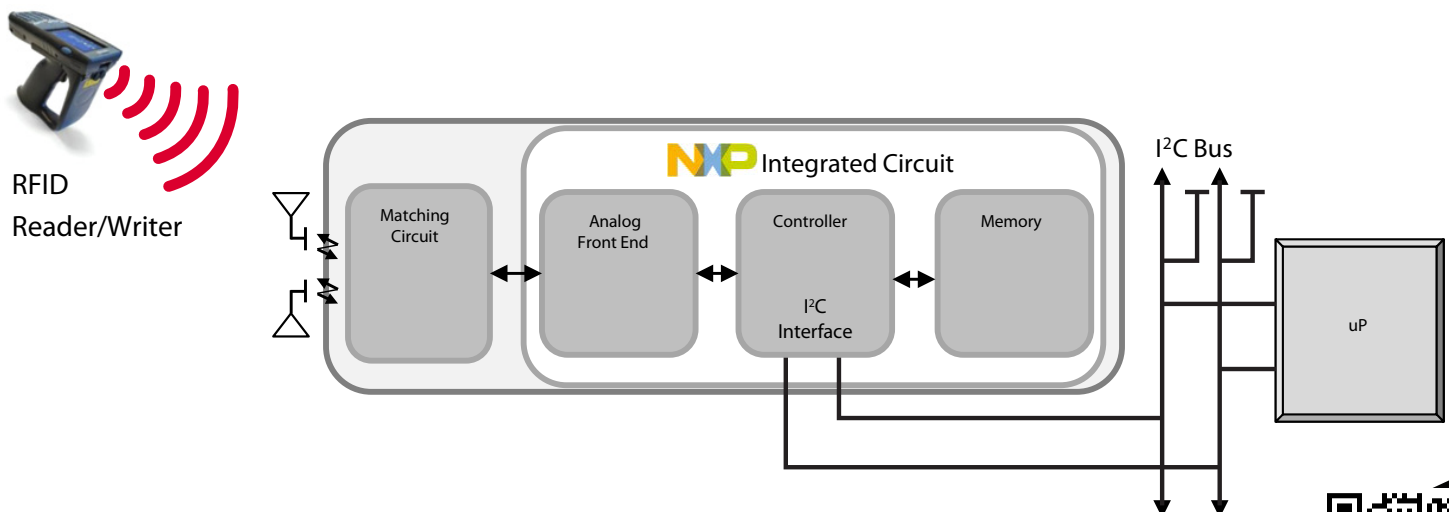
## Features

- Compliant to EPC Global Class1 Gen2
- Ultra small package (2.5 x 2.0 x 1.0mm typical)
- Supports wide frequency range from 865MHz to 955MHz, allowing coverage of all globally relevant UHF frequency bands with a single design
- I<sup>2</sup>C interface allows read/write capability from its built-in memory
- Fully compatible with conventional SMT equipment and reflow process
- 100% green material for RoHS compliance
- Internal 3.3kbit user memory available
- Operating temperature -40°C to +85°C



**Murata's MAGICSTRAP®  
with I<sup>2</sup>C Interface**  
P/N - LXMS2HACNF-165

## Block Diagram



**Contents subject to change without notice.**

