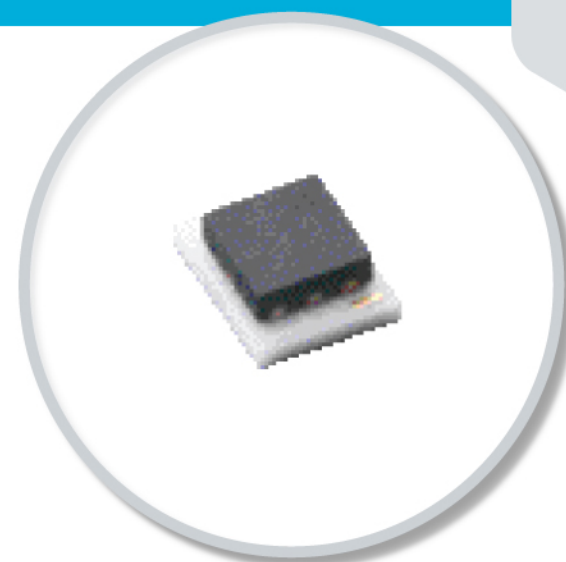


MAGICSTRAP® with I²C Interface

I²C E2PROM Equipped RFID Interface

**We Develop E2PROM that
Can be Read and Written by RFID and I²C**



Low Cost • Low Power Consumption • Wireless Interface
I²C Interface is to read and write from its build-in memory

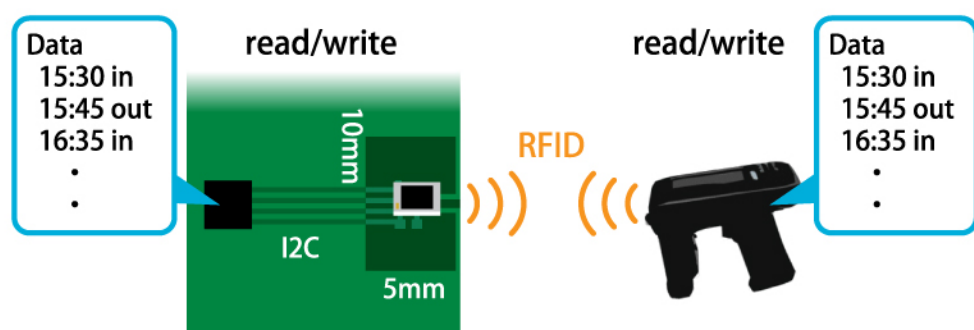
Features

- Inexpensive and simple wireless interface
- E2PROM memory bank can be accessed using I²C interface
- I²C interface allows read/write capability from its built-in memory
- Ground area of PCB act as a booster antenna
- Does not require wireless device certification

Specification

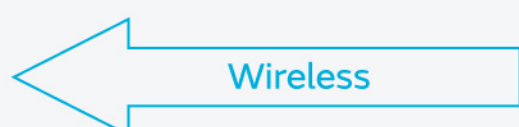
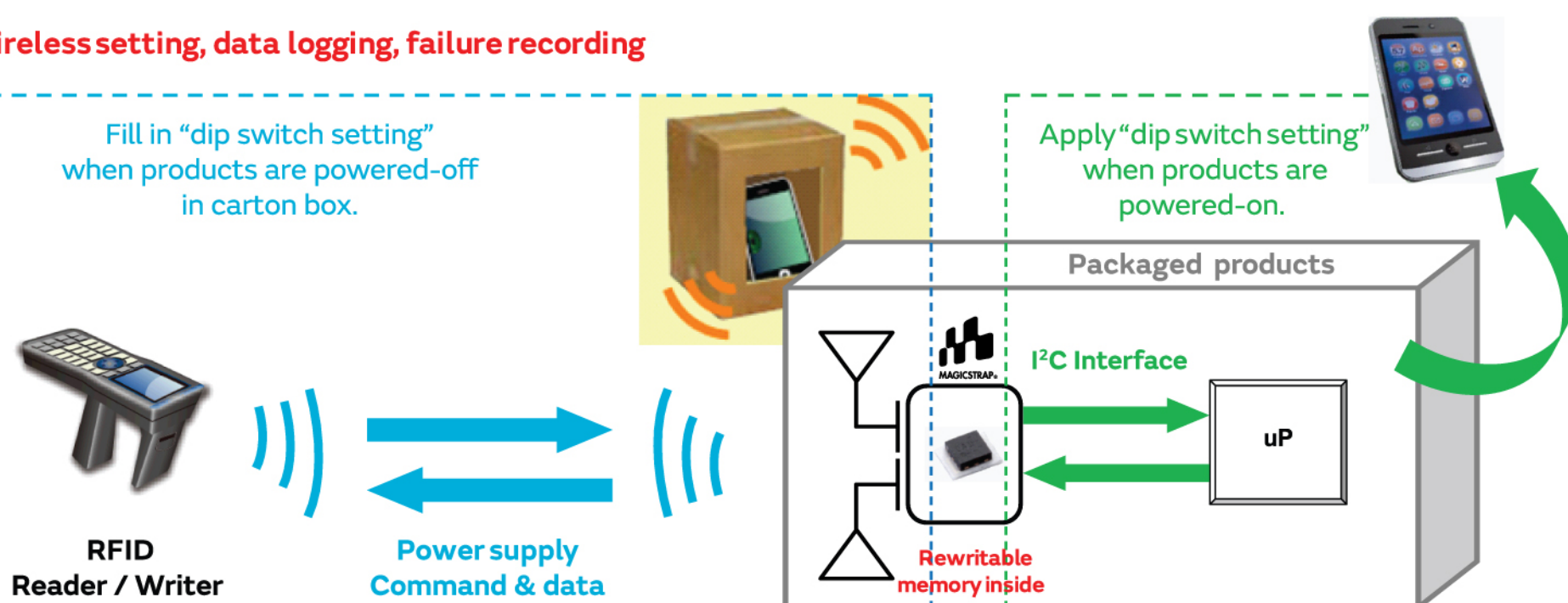
P/N		LXMS2HACNF-165
RFID	Standard	ISO/IEC 18000-6 TypeC, EPC/g C1G2
	Frequency band	UHF (900MHz band)
	Read range*	2 m
I ² C	Mode	Standard (100kHz), Fast (400kHz) mode
Memory size	Capacity	3328 bit
Size		2.5x2.0x1.0 mm

*Based on Murata's measurement system



Application

For wireless setting, data logging, failure recording



Bi-directional
Communication

