

Compact module with integrated antenna easily enables wireless connectivity in user devices

Bluetooth® Low Energy Module

MK71050-03

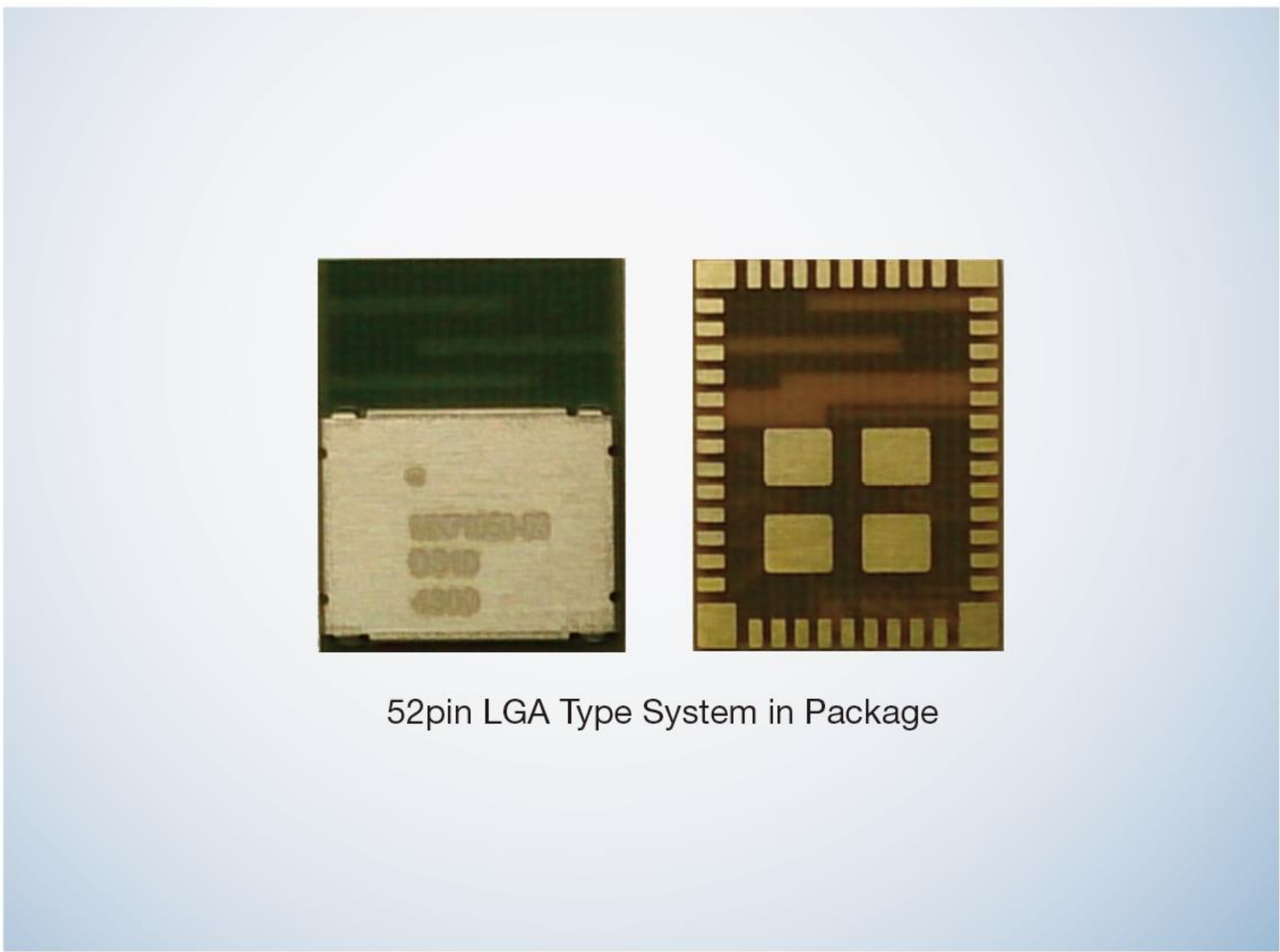


Features

- Integrates LAPIS Semiconductor's ML7105-00X, resulting in the industry's lowest power consumption
- Bluetooth® Core Spec v4.0-certified wireless communication module
- Conforms with Japan's Radio Law and FCC module standards as well as CE mark requirements

Applications

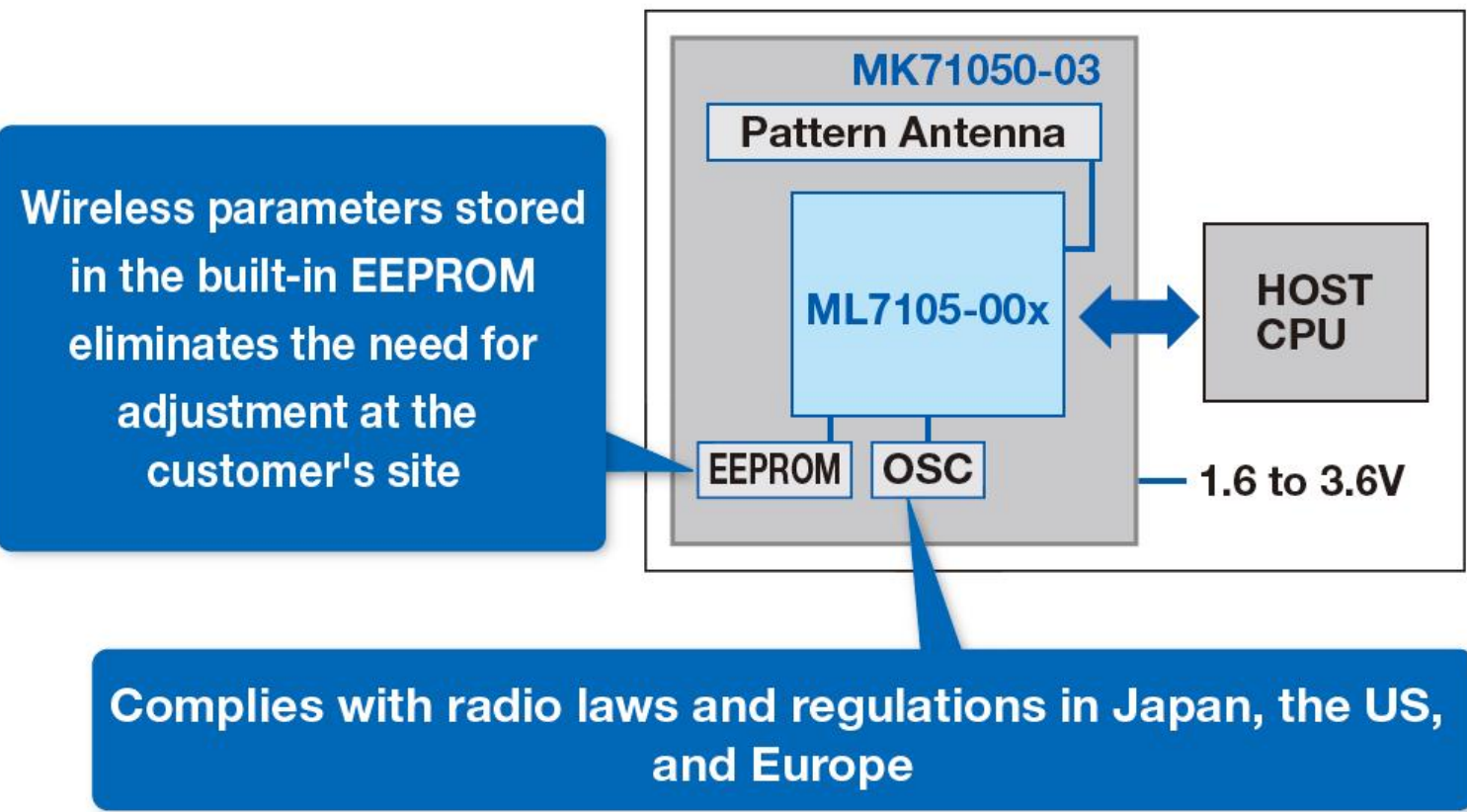
- Health & fitness
- Remote controllers



52pin LGA Type System in Package

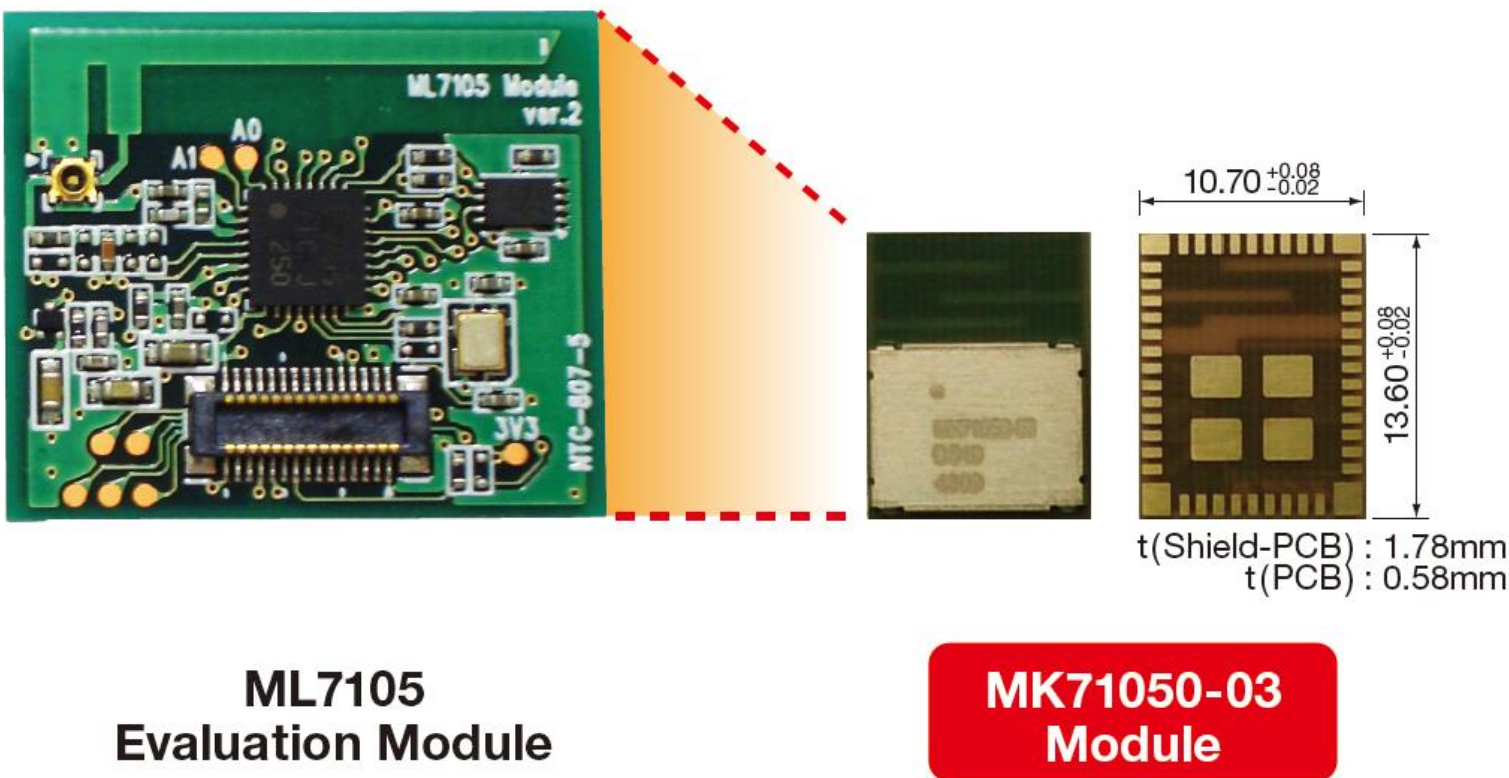
System Structure

Achieves superior radio performance in a compact 60mm² footprint with integrated pattern antenna



Module Dimensions

Compact form factor with built-in pattern antenna



Application Examples

Case 1
Key fob, compatible with Find Me Profile, implementing Smart Patch with temperature sensing function



Case 2
Lighting control demo for ceiling lights
(BLE Module + LED Control MCU)

