



# Sub-1 GHz RF and 8-bit HCS08 MCU with 32KB Flash, 2KB RAM

## MC12311

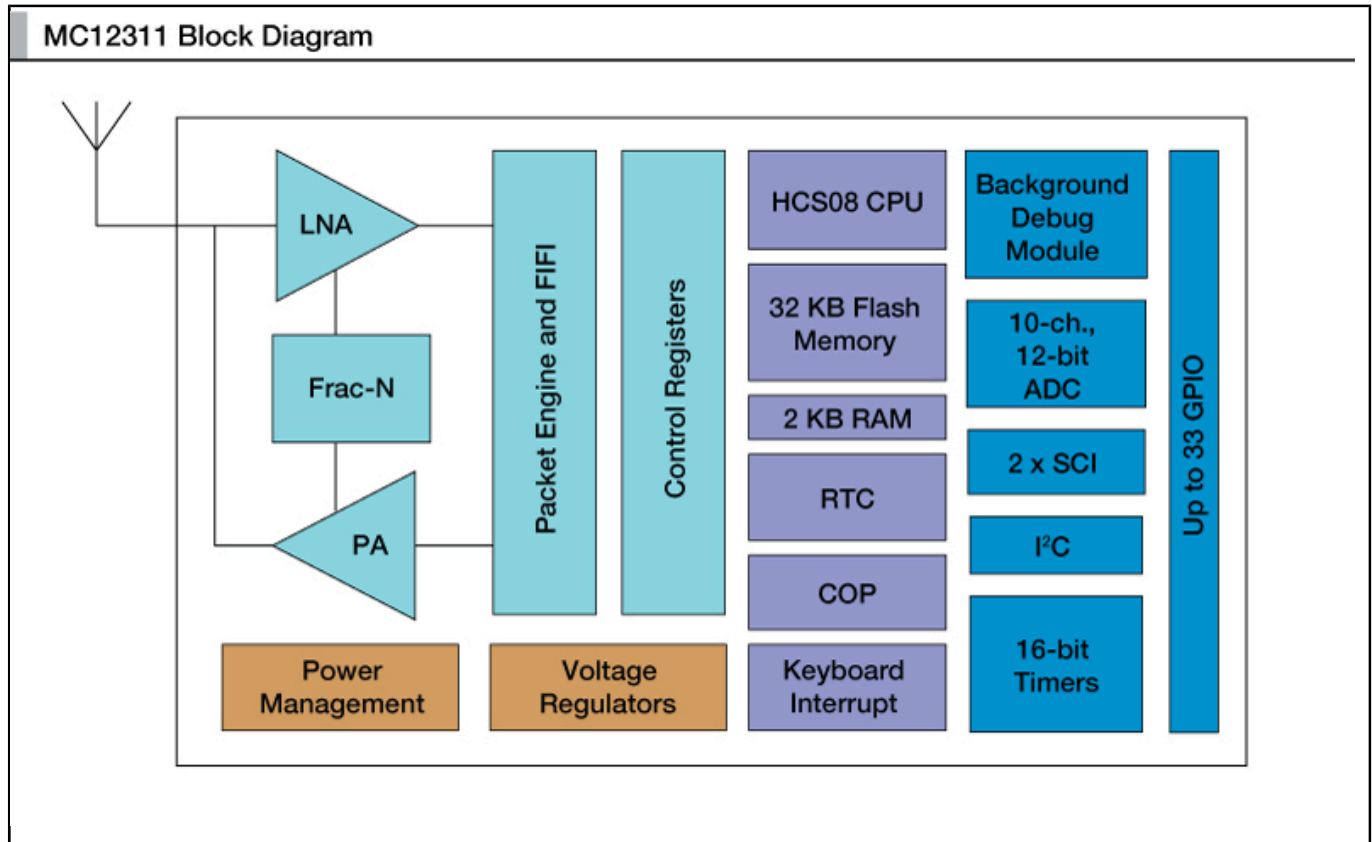
### Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

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Powered by the low-power S08QE 8-bit microcontroller, the MC12311 embeds a rich set of peripherals with a high-performance sub-1 GHz radio, capable of operating over a wide frequency range including 315, 433, 470, 868, 915, 928 and 960 MHz in the license-free industrial, scientific and medical (ISM) frequency bands. This configuration allows users to minimize the use of external components.

# MC12311 BLOCK DIAGRAM Block Diagram



View additional information for [Sub-1 GHz RF and 8-bit HCS08 MCU with 32KB Flash, 2KB RAM](#).

**Note:** The information on this document is subject to change without notice.

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