



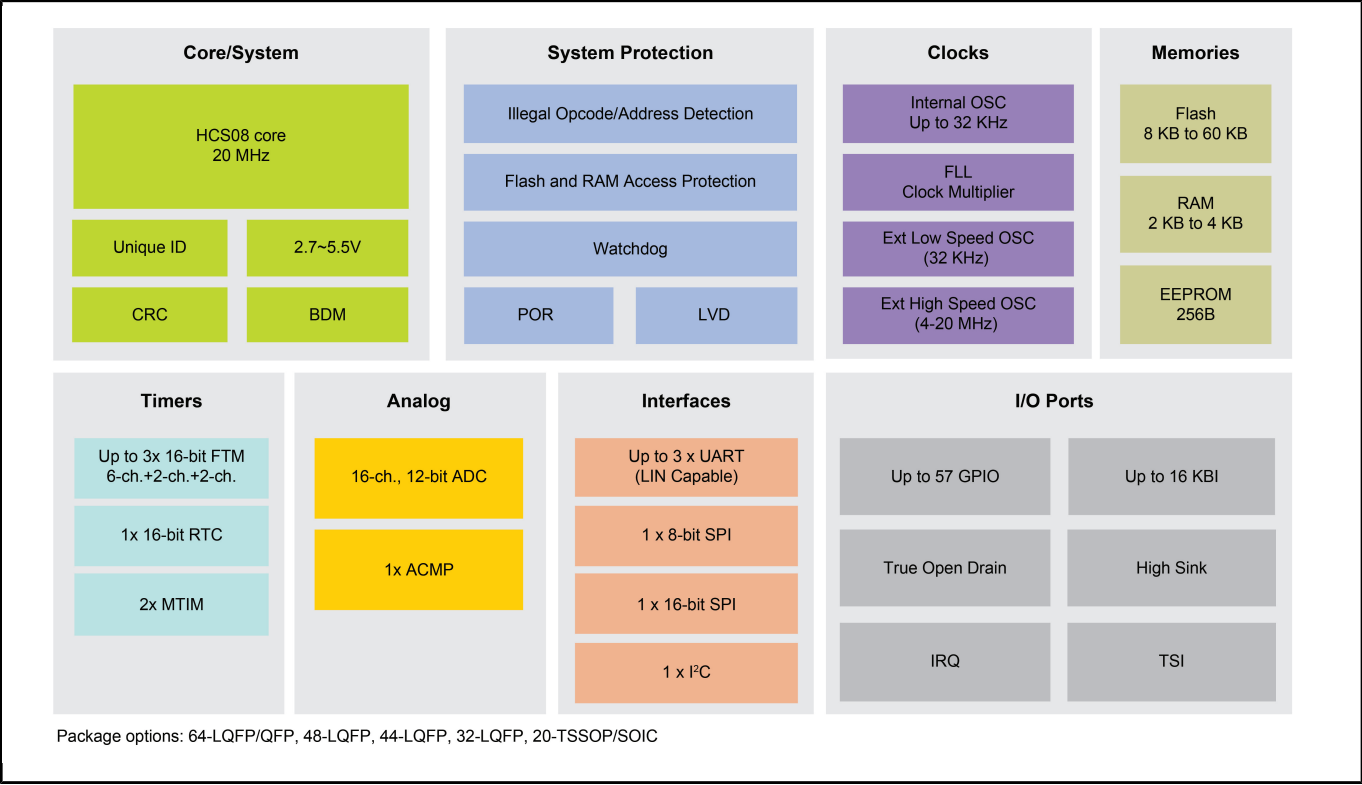
8-bit 5V Full-featured MCU with EEPROM and TSI

S08PT

Last Updated: Dec 29, 2025

The S08PT MCUs integrate key features like touch sensing interface (TSI), EEPROM, and a motor control flex timer to simplify design and to help reduce system cost. The S08P family is simple, yet powerful, and offers excellent EFT/ESD performance. This scalable and pin-compatible MCU family reuses existing S08 core, IP and tools for easy migration from existing 8-bit S08 products. Our 5V 8-bit S08P MCU family gives your designs more durability and reliability in harsh industrial and user interface environments, meeting appliance safety standard IEC60730.

MC9S08PT Series Block Diagram Block Diagram



View additional information for [8-bit 5V Full-featured MCU with EEPROM and TSI](#).

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