



# 8-bit Flexis® AC128/96/60/48/32 MCUs

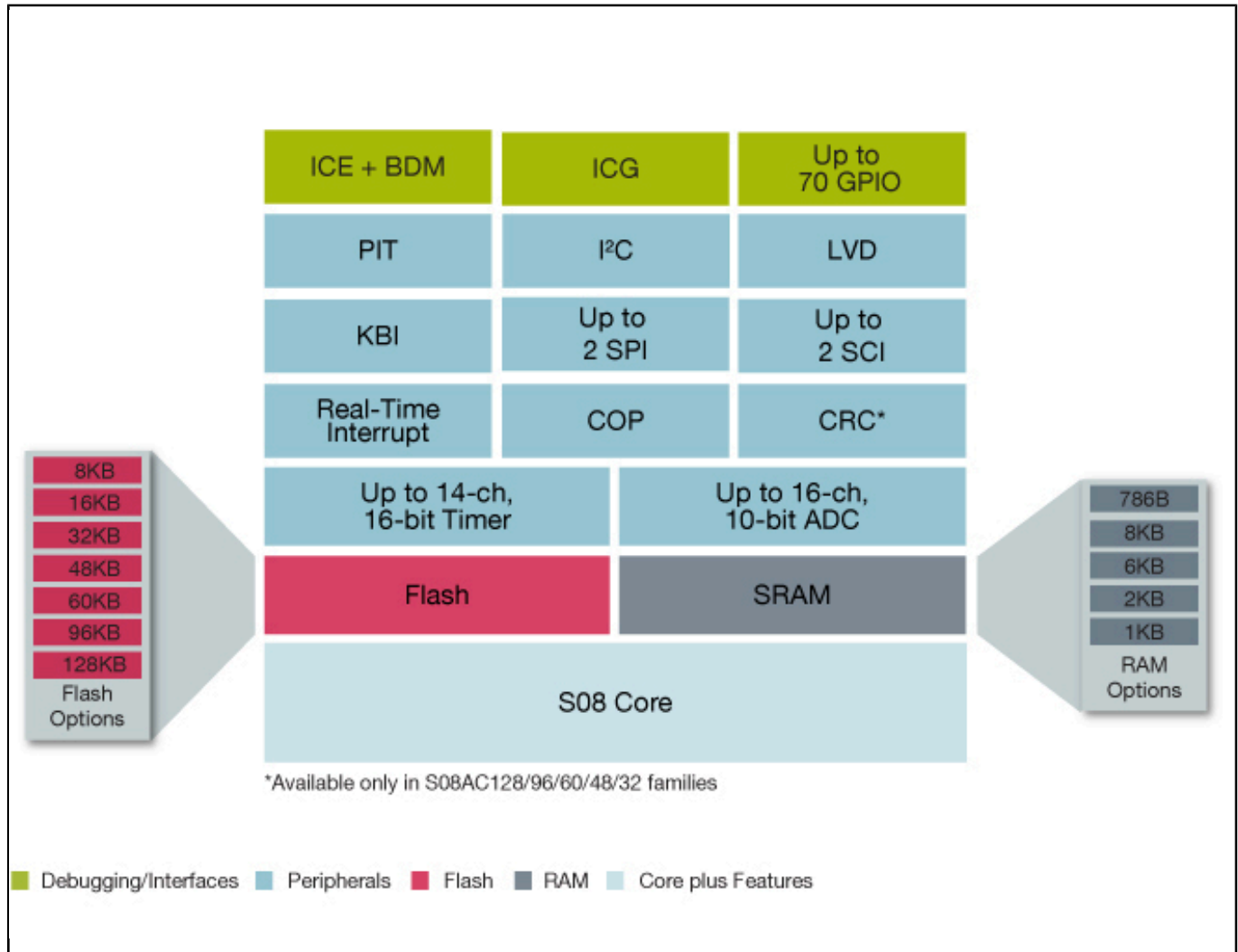
## S08AC

Last Updated: Dec 26, 2023

The AC family, comprised of pin-compatible 8-bit and 32-bit device duos, is the third family in the Flexis® series. The Flexis series of controllers is the connection point on Our \$AUTOHREFLINK[1226954727502712037581:C:Controller Continuum:cta], where 8- and 32-bit compatibility becomes reality.

The S08AC128/96/60/48/32 pushes the boundaries of the 8-bit architecture performance with 128 KB of flash, three timer/pulse-width modulators (PWM), 16-channel, 10-bit analog-to-digital converter (ADC) and up to 20 MHz in bus frequency. The 8-bit S08AC128/96/60/48/32 are pin-, peripheral- and tool-compatible with the 32-bit MCF51AC256/128 devices. They share a common set of peripherals and development tools to deliver the ultimate in migration flexibility.

# NXP S08AC Microcontroller Block Diagram Block Diagram



View additional information for [8-bit Flexis® AC128/96/60/48/32 MCUs](#).

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

[www.nxp.com](http://www.nxp.com)

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.