



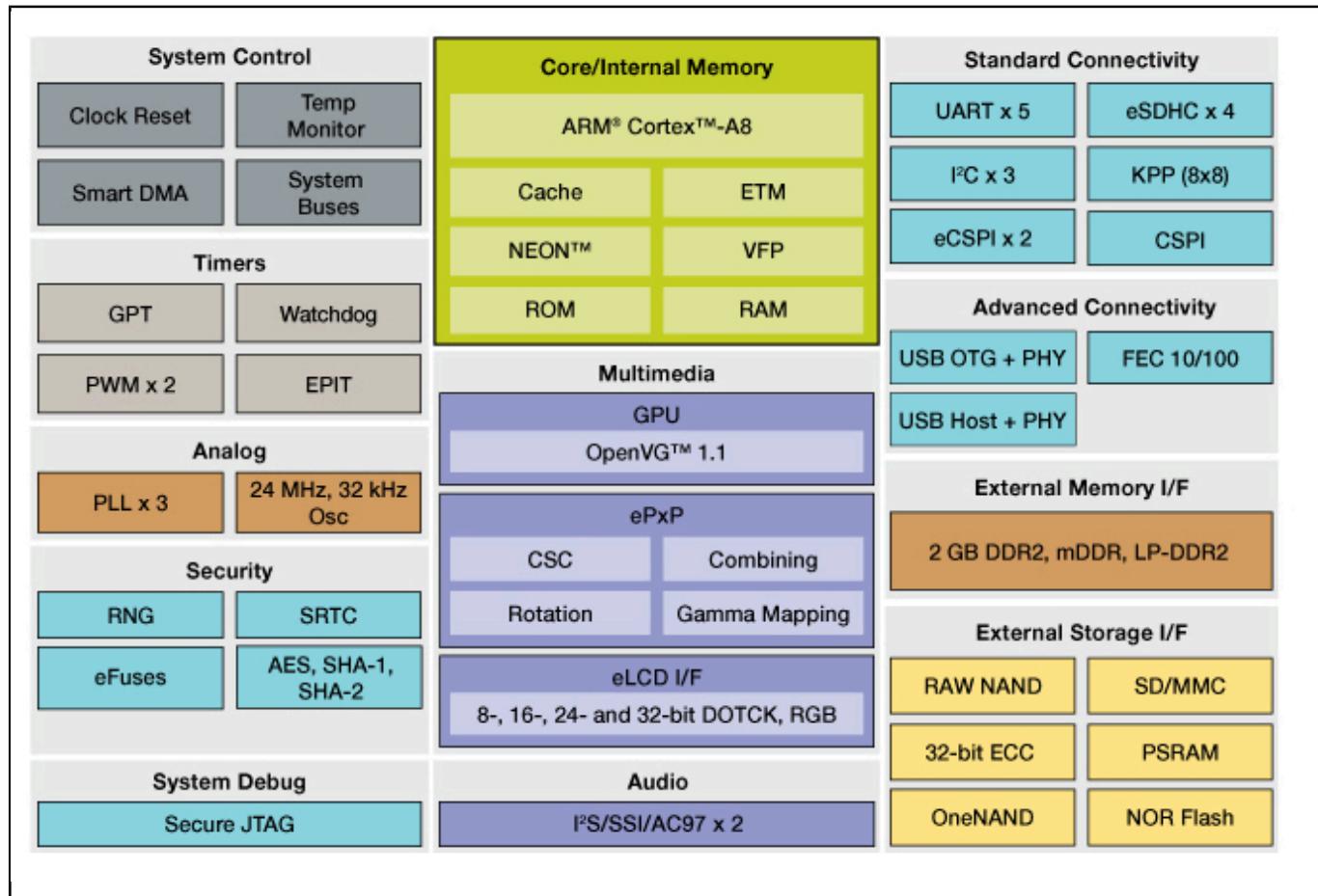
Multimedia Applications Processors - OpenVG™ 2D Graphics Acceleration Core, Sophisticated User Interface, Arm® Cortex®-A8 Core

i.MX503

Last Updated: Jan 15, 2026

Create more sophisticated user interfaces (UIs) with the i.MX503 processor. With all of the features of the i.MX502 processor and the added OpenVG™ 2D graphics acceleration core, the i.MX503 is appropriate for a variety of display-centric applications including portable navigation and home and office automation. The i.MX503 is supported by companion NXP® power management ICs (PMIC) [MC34708](#) and [MMPF0100](#).

i.MX503 Multimedia Applications Processor Block Diagram



View additional information for [Multimedia Applications Processors - OpenVG™ 2D Graphics Acceleration Core, Sophisticated User Interface, Arm® Cortex®-A8 Core](#).

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