i.MX 6QuadPlus Processor - Quad-Core, High-Performance, Advanced 3D Graphics, HD Video, Advanced Multimedia, Arm® Cortex®-A9 Core
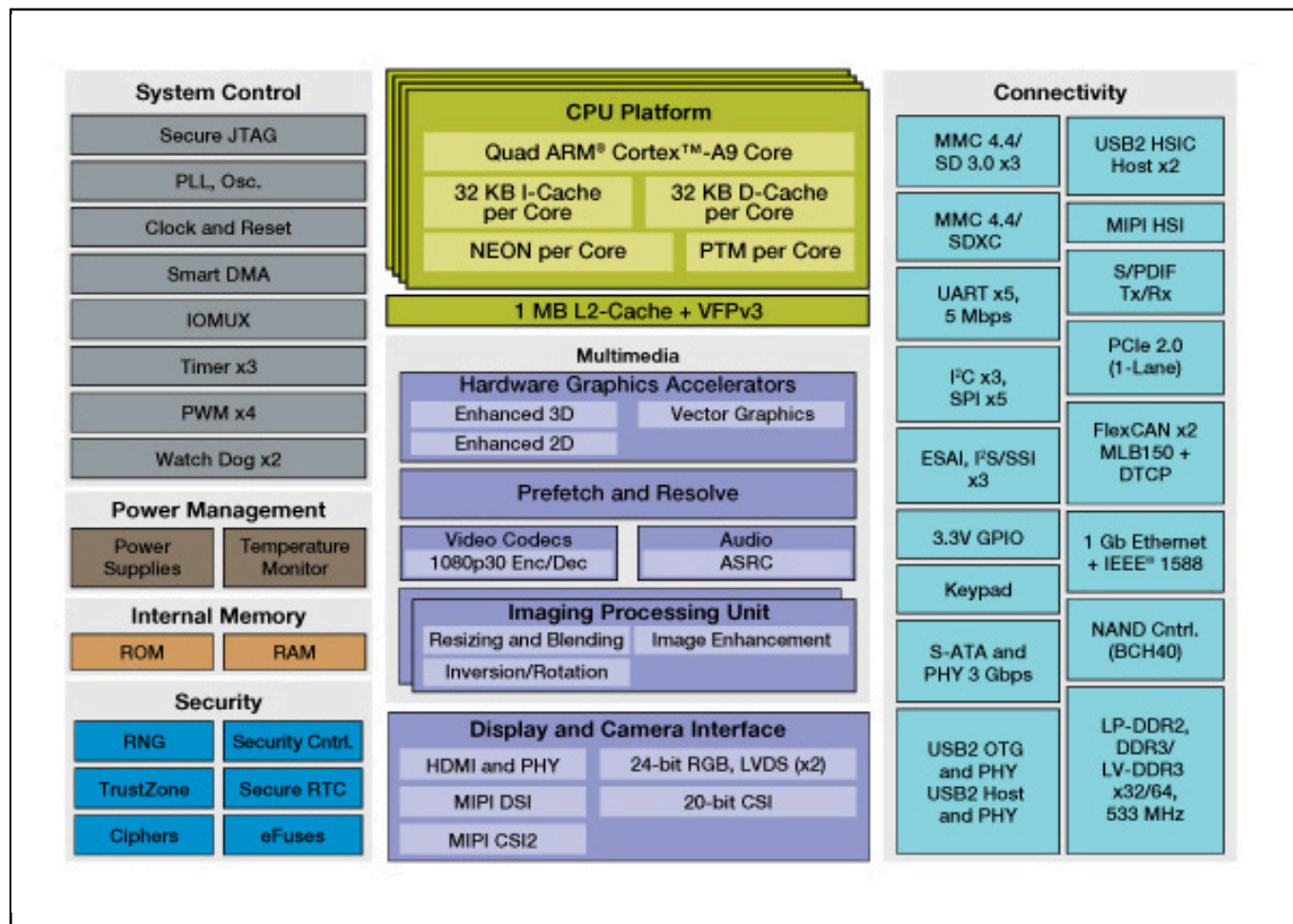
i.MX6QP

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The i.MX 6QuadPlus family delivers dramatic graphics and memory performance enhancements and are pin-compatible with a broad range of i.MX 6 processors. This device encompasses a quad-core Arm® Cortex®-A9 platform running up to 1.2 GHz* with 1 MB of L2 cache, advanced graphics, prefetch and resolve engine, and optimized 64-bit DDR3 or 2-ch., 32-bit LPDDR2 support. Integrated FlexCAN, MLB busses, PCI Express® and SATA-2 provide excellent connectivity, while integration of LVDS, MIPI display port, MIPI camera port and HDMI v1.4 makes it an ideal multicore platform for a leading-edge consumer, automotive and industrial multimedia applications which require higher graphics performance.

Visit www.nxp.com/imx6tools for the latest software and tools.

* 1.0 GHz available now. For 1.2 GHz, contact NXP® for availability.

i.MX 6 applications processors are part of NXP's EdgeVerse™ edge computing platform.

i.MX 6QuadPlus Multimedia Applications Processor Block Diagram Block Diagram

View additional information for i.MX 6QuadPlus Processor - Quad-Core, High-Performance, Advanced 3D Graphics, HD Video, Advanced Multimedia, Arm® Cortex®-A9 Core.

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