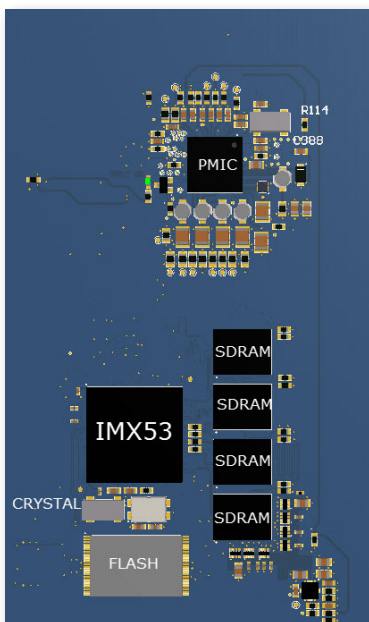
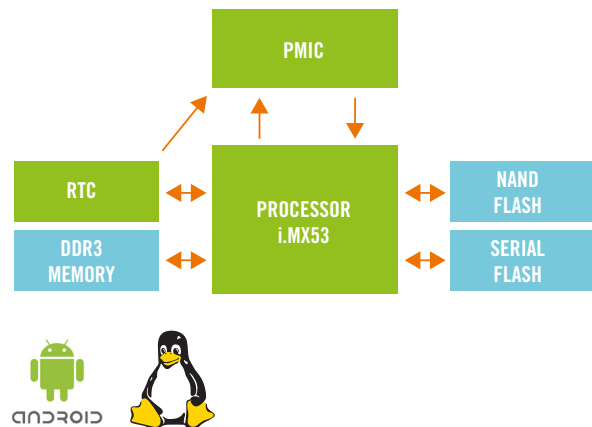


COMBINING THE TIME-TO-MARKET OF MODULES WITH THE FLEXIBILITY OF CUSTOM DESIGNS

Proven high speed core design for multimedia applications based on Freescales i.MX53 processor, with integrated configurable DDR3 memory, Flash, and power management. Low level SW support for Linux and Android OS.

The i.MX53 Core design is a part of the Electronic Sub-systems IP (ESIP) programme at Prevas. ESIPs are a modularized way of developing custom electronic designs, reducing the need to reinvent well proven designs. Prevas maintains a large number of ESIP designs, where the majority is already "proven", matured, and implemented in products in the market. This significantly reduces the unknown factor that is always present in the development of new designs.

Whether you choose to integrate it inhouse or in corporation with Prevas specialists, the Prevas ESIP concept significantly shortens time to market, and reduces development cost and risk, without having to suffer a higher production cost of a prefabricated module.



FEATURES

- 800 to 1000 MHz Cortex A8 Processor.
- NAND Flash, 512Mb to 8Gb
- NOR Flash, 512Kb to 32Mb (SPI)
- 800MHz DDR3 memory support 256Mb to 2Gb
- PMIC
- RTC
- Accelerated graphics
- 1080p HW Video decoding
- Rich User Interfaces
- Default ESIP outline 125 by 75mm
- Large amount of verified peripheral designs
- Supports commercial, Industrial, and Automotive temperature ranges

APPLICATIONS

- Tablets
- Gaming Equipment
- Voice Over Internet Protocol (VOIP)
- Smart Monitors
- Industrial Controls
- Tele health System

MATURITY

The i.MX53 Core Design is implemented and verified in respect to EMC's high speed performance and stability in a number of devices in the market, running both Linux and Android OS. Verified peripheral ESIPs with SW driver support are available for integration in the final design, together, with custom application specific components.

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Prevas
Innovation for Growth

With leading expertise in embedded systems and industrial IT, Prevas contributes by providing innovative solutions that create growth. Prevas was founded in 1985 and is the main supplier and development partner to leading companies in industries such as life science, telecom, automotive, defense, energy and engineering. Offices are located in Sweden, Denmark, Norway and India. The company has just over 600 employees. Prevas has been listed on the NASDAQ OMX Nordic exchange in Stockholm since 1998.