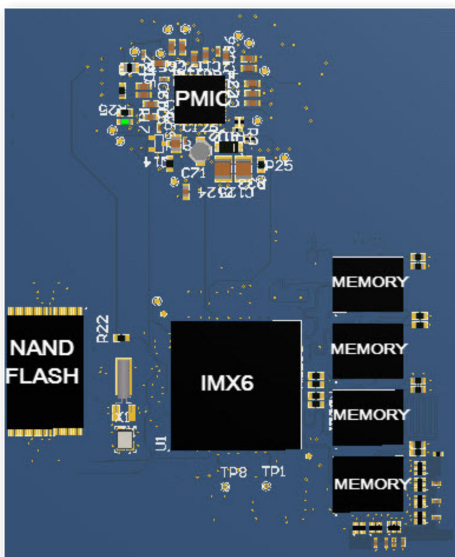


COMBINING THE TIME-TO-MARKET OF MODULES WITH THE FLEXIBILITY OF CUSTOM DESIGNS

Low power high performance design with all modern multimedia and communication interfaces in one package. Drop in replacement CPU with 1 to 4 cores and high performance 2D&3D GPU. Able to show multiple HD streams at once.

The i.MX6 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.

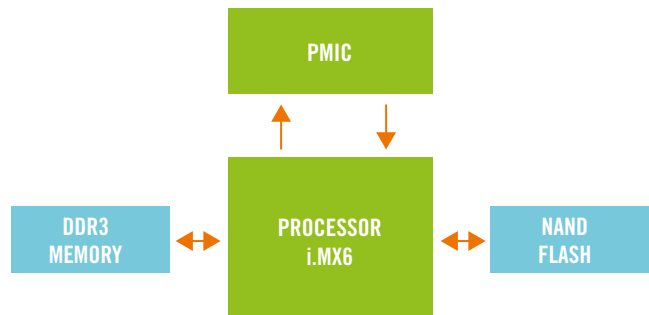
Whether you choose to integrate it inhouse or in corporation with Prevas specialists, the Prevas ESIP concept significantly shortens time to market and reduces development cost and risk, without having to suffer a higher production cost of a prefabricated module.



MATURITY

The i.MX6 Core Design implementation is based upon the i.MX53 Core Design and is verified in respect to its high speed performance and compatibility. The design is implemented as a drop in replacement to the i.MX53 if higher performance is needed. Verified peripheral ESIPs with SW driver support are available for integration in the final design, together, with custom application specific components.

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.



FEATURES

- 1GHz i.MX6 family of Application Processor
- 2D and 3D Graphics Processor
- NAND Storage 512Mb to 8Gb
- 800MHz DDR3 RAM, 256Mb to 4Gb
- 1080p encode and decode engine
- Outline 100mmx75mm
- Supports commercial, Industrial and Auto-motive temperature ranges.
- Supports multiple RTOS: Windows Embedded, OE-Lite Linux and Android

APPLICATIONS

- Automotive navigation and entertainment
- Graphics rendering for HMI
- High performance speech processing
- Audio Playback
- Video Processing
- HD Displays

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