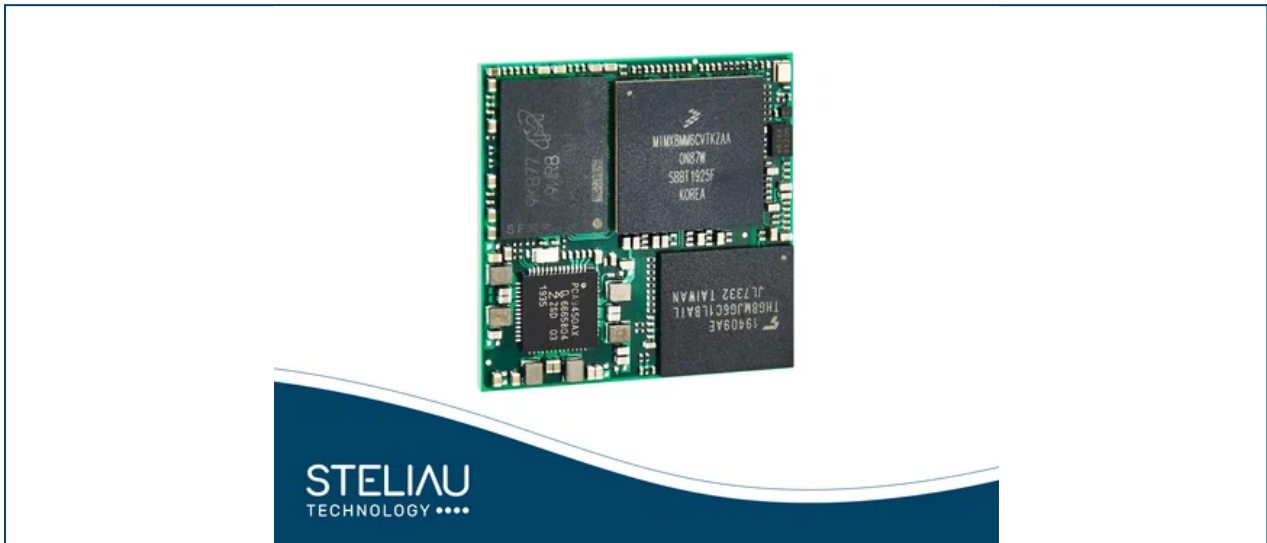


SOM-OSM-S i.MX8M MINI



- 4x Arm® Cortex®-A53 @1.6 GHz and 1x Arm® Cortex-M4 @400 MHz, 2D GPU, 3D GPU
- LPDDR4-RAM 1 GByte up to 4 GByte, NOR-Flash 2 MByte, eMMC 4 GByte up to 64 GByte
- Ethernet, USB, I/O, LCD interface, Camera interface
- Operating system Embedded Linux (Yocto Distribution)

The new system-on-module OSM-S i.MX8M Mini is powerful, compact and affordable; it combines all the advantages of the Open Standard Module™ specification in minimum space. It offers high performance for sophisticated computing-intensive applications, 3D visualization and a wide range of communication applications. With it numerous digital I/Os and serial communication interfaces as well as PWM and SDIO interfaces, the module is perfect for industrial applications. Its latest processor (4x Arm® Cortex®A53, 1x Arm® Cortex® M4) and memory technology (LPDDR4) make it easy and quick to be used for custom board and application developments. The Arm® based CPUs are RISC (reduced instruction set computer) processors. These are particularly suitable for cost-sensitive embedded applications with high energy efficiency combined with high computing and graphics performance.

The OSM standard offers several additional specific advantages. In addition to manufacturer-independence, it includes easy and affordable embedded application development with custom board design, minimized design risk, and shortened time-to-market.

Power is supplied via a 5V DC connection. The application range lies between -25°C and +85°C.



For full product
info and datasheet
[Click here](#)

Kontron

Kontron is a leading IoT technology company. For more than 20 years, Kontron has been supporting companies from a wide range of industries to achieve their business goals with intelligent solutions.

