



Highperformance Display Centric System

The „DMB Display integration SoM STM32H750“ is a system-on-module engineered for direct display integration, combining high-performance STM32H750 processing with a display-centric architecture for scalable, series-ready embedded HMI systems.

USP's:

- DMB provides a display-centric HMI solution
- Tailored to customer requirements right from the start
- Customers invest only in the components they need
- Our HMI solutions are fully designed and engineered in Switzerland
- Manufacturer-independent, fully customized HMI architecture
- Flexible integration with a wide range of displays from multiple manufacturers

Problem solver:

Embedded display projects often start with evaluation kits, leading to long development cycles, repeated redesigns and delayed time-to-market. The „DMB Display integration SoM STM32H750“ provides a customized, series-ready solution from the start. Embedded electronics, software and display integration are combined in one manufacturer-independent system. As a one-stop solution combining display, electronics and robust software foundation, it simplifies development and accelerates the journey from concept to production

Technical facts

- STM32H750-based System-on-Module
- Display-centric architecture for embedded HMI systems
- External SDRAM and flash for GUI acceleration
- Interfaces: SPI, I2C, UART, CAN, LVDS, MIPI-DSI, HDMI
- Modular integration: carrier board or FPC
- Manufacturer-independent display support
- Typical power consumption <1 W
- Series-ready, no evaluation kit required

