

Eval Kit - iesy i.MX8M-Mini EVA-MI

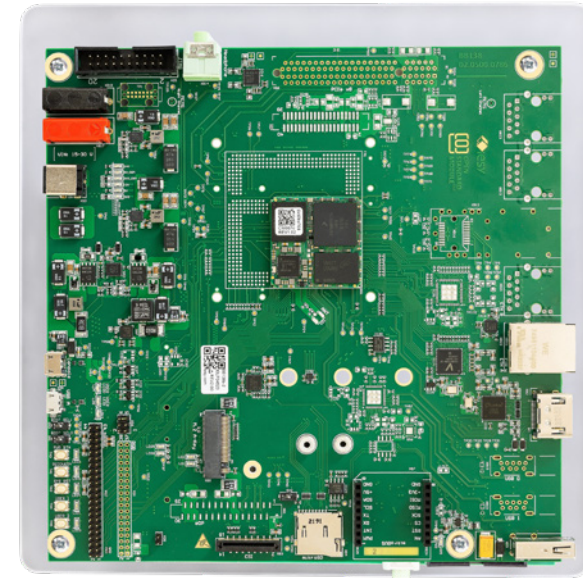
Open Standard Module™

Technical Concept

- ▶ Dimension: 170 mm x 170 mm
- ▶ Formfactor: Mini-ITX
- ▶ OSM-Modul: iesy i.MX8M Mini OSM-SF
- ▶ Power supply: 24 V DC-Adapter or laboratory plug (+15 V to +30V)
- ▶ Power consumption: 40 W (typ.)
- ▶ Temperature range: 0°C to +70°C

- ▶ Features & Interfaces
 - > 1 x Ethernet LAN (10/100/1000M)
 - > 1 x USB 2.0 OTG
 - > 1x USB 2.0 Host
 - > 1x USB Debug (COM-Port)
 - > 1x M.2 A/E-Key
 - > 1x Micro-SD
 - > 3x UART
 - > 1x HDMI (MIPI-DSI Bridge)
 - > 1x mikroBus Slot for SPI/I2C
 - > PWM, SPI, GPIO

- ▶ Scope of supply
 - > microSD card with preinstalled iesy demo image
 - > Click board™ MIKROE-1200 (I2C EEPROM)
 - > Click board™ MIKROE-4422 (SPI EEPROM)
 - > Micro USB for debug port and USB OTG



About OSM™

The Open Standard Modules™ specification was adopted by the SGeT e.V. in 2019. The new standard was developed to meet future requirements in terms of **flexibility**, **scalability**, but also **costs**. OSM™ solder-down modules can be **individually adapted** to the respective customer requirements. For this purpose, the individual modules can be made **available to the SMT process** by means of tray & reel packaging and processed automatically. The OSM™ series includes in total four different form factors.



iesy.com/osm