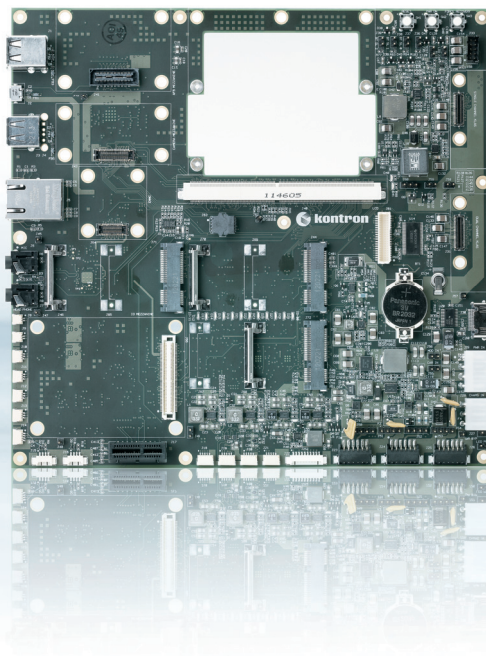# SMARC EVALUATION CARRIER

▼

SMARC

SMARC - SMART MOBILE ARCHITECTURE

▶ evaluation carrier board for ultra low power Computer-on-Modules
▶ broad range of interface options for design development flexibility
▶ dual power options for mobile and fixed base applications
▶ compliant with SMARC specification by SGET

POSSIBILITIES START HERE **kontron**

SMARC EVALUATION CARRIER

The SMARC Evaluation carrier board is designed to allow embedded application developers to get up and running quickly on the SMARC modular platform, giving them a head start on the total system design. Simply select the SMARC module best suited for your application needs, install the module and you are ready to get started. The SMARC Evaluation Carrier is compliant with the SMARC specification and supports a broad range of interface options dedicated for low power applications including Gigabtit Ethernet support, SIM card socket, Kontron LVDS adapter, USB hub to support different PCI express interface options.

The SMARC Evaluation Carrier supports flexible power options including Li-Ion battery power with recharging circuitry as well as traditional bench top power supplies.

To further enable maximum design flexibility the Kontron Evaluation Carrier board provides industry standard mezzanine connectors supporting MO-300 SATA, mini PCIe x2, PCIe x1 as well as Kontron defined mezzanine interfaces for SI camera interface, eMMC storage and LVDS displays.

▶ TECHNICAL INFORMATION

SPECIAL FEATURES	Industry and Kontron defined mezzanine interfaces SIM Card interface for mobile application connectivity CSI – Camera Serial Interface Accelerometer Can Bus interface
I/O FEATURES	Serial ports – RS232 2x mini PCIe interface 1x PCIe interface SDIO 4-bit interface to micro SD connector
ETHERNET	GB LAN
DISPLAY	HDMI Interface
USB	7 port USB hub supporting multiple I/O options
STORAGE	SATA MO-300 interface
POWER SUPPLY	Li-Ion battery support 3V-5.25V
PHYSICAL DIMENSIONS	200 x 210 mm
COMPLIANCE	SMARC (Smart Mobile Architecture) specification by SGET

▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
ULP-COM EVALUATION BOARD	51100-0000-00-0	SMARC (ULP-COM) Evaluation board (without SMARC module)

▶ CORPORATE OFFICES

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