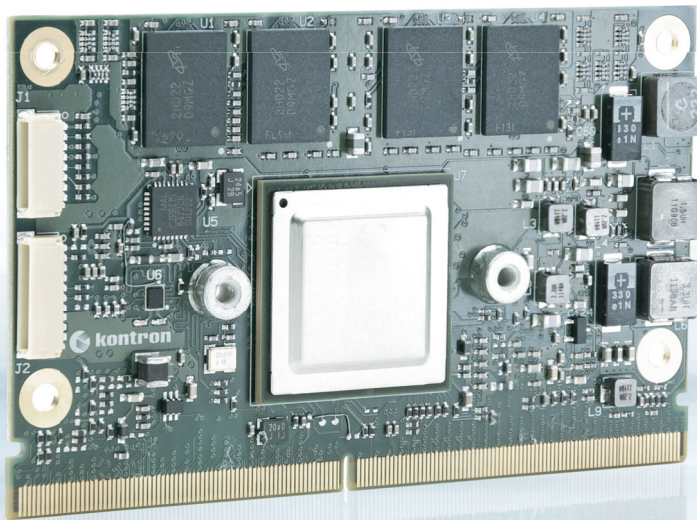


SMARC-sA3874i



SMARC-SMART MOBILITY ARCHITECTURE SLIM EMBEDDED COM SOLUTION FOR HARSH ENVIRONMENTS

- ▶ scalable ultra low power ARM building block
- ▶ driven by Texas Instruments AM3874 ARM technology (up to 800MHz)
- ▶ constructed to withstand harsh industrial environments

► TECHNICAL INFORMATION

PROCESSOR	TI Sitara AM3874 Single core Cortex A8 Up to 800MHz
MEMORY	DDR3 memory, up to 2GB soldered down
FLASH	Up to 32GB NAND down
ETHERNET	10/100/1000 Gbit
USB	2x USB 2.0 (one OTG)
DISPLAY	Parallel LCD 18/24bit LVDS Single Channel HDMI
GRAPHICS	3D graphics acceleration HD video processing
ADDITIONAL INTERFACE	1x PCIe, I2C, I2S, 4x UART, 2x CAN; GPIO Battery and System Management; SATA
IMAGE CAPTURE INTERFACES	Camera input 10bit parallel interface
SW SUPPORT	Windows WEC7 Android Linux
POWER	Typ. 2 Watts (estimated)
THERMAL	Industrial temperature: -40°C to +85°C
POWER SUPPLY	3V to 5.25V - Operates directly from single level Lithium Ion cells, or fixed 3.3V or 5V power supplies
COMPLIANCE	Form Factor: 82 x 50 mm Compliance: SMARC (Smart Mobility Architecture) specification by SGET

► ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
SMARC-SA3874I	51002-1000-08-1	SMARC with TI Sitara AM3874 800 MHz, 1GB memory
SMARC-SA3874I	51002-2000-08-1	SMARC with TI Sitara AM3874 800 MHz, 2GB memory