



# Trizeps II-FX

## XScale PXA255 CPU Module

### SO-DIMM 144

Product Brief Jun. 2007, V1.0

## CPU-Module Trizeps II-FX

- Intel XScale PXA255 with 200, 300, 400 MHz
- JTAG debug port via flexcon
- Reset generator
- High efficiency switch-mode core voltage regulator
- J3 / P30 Flash configurations: 16Bit / 32Bit, 16 / 32 / 64 MByte
- 32 / 64 / 128 MByte LP-SDRAM
- 4 Serial IF: FFunction-UART, HW-UART, Bluetooth-UART, IrDA-UART
- I2S, SPI, I2C,
- PCMCIA/CF card interface
- SD/MMC card interface
- LC-Display controller
- AC97 20 Bit stereo, low-noise design, programmable sampling rates, headphone out
- AC97 microphone input (mono) for electret-capacitor microphones
- AC97 line input stereo
- AC97 touch interface 4-wire resistive
- AC97 4 x 10 Bit ADC
- 16 Bit bus interface on SO-DIMM 144, 32Bit extension via OPC Connectors
- SODIMM-144 Connector, eg. AMP 390113-1.
- Compatible to StrongARM module TRIZEPS I

**Board-Dimensions**

67.6 mm x 36.7 mm

**Current-Supply**

3.3 V DC, low power consumption typ. 6 ... 800mW

**Operating Systems**

Microsoft Windows CE.NET 4.2, 5.0, LINUX