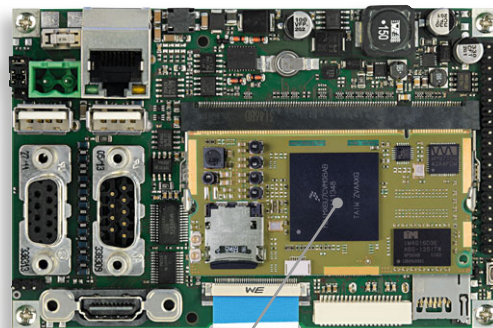


Evaluation Kit i-PAN5

for Trizeps VII

Keith & Koep



Trizeps VII (incl. WLAN/Bluetooth Module)

Based on Trizeps VII and iP5-Base

Processor	NXP i.MX 6 Solo (1.0 GHz EC)
RAM Memory	2 x 16 Bit DDR3-1066 (533MHz), 32 Bit 1 CS, 1 GByte
Flash Storage	Onboard 4 Bit wide μ SD Socket for Cards up to 32 GB

Onboard

Display Interfaces	LCD 18 Bit RGB, 5.0", 7.0" TFT-Display 800 x 480, 5.7" TFT-Display 640 x 480, Touch resistive and capacitive, HDMI v1.4 WUXGA, Dual-LVDS WUXGA
Features	USB2.0 Host, USB2.0 OTG, μ SD Card Socket, RJ45 10/100 Mbit Ethernet, RS232 D-Sub 9, CAN RS485 D-Sub 9, Realtime Clock with Backup Cap or battery, LED, 3-Axis 12-bit/8-bit Digital Accelerometer, Reset, Audio LDO, Temp. Sensor, RGB Display, FX11 high-speed board to board connector
Wireless Communication	Trizeps VII onboard WLAN and Bluetooth module, IEEE 802.11 a/b/g/n/e/i/h/d/k/r/w, +18 dBm, 72 Mbps (20 MHz) and up to 150 Mbps (40 MHz), Bluetooth 3.0+ EDR

Expandability

Extension Connector	SL2-40 2.54mm Pin header
Extension interfaces	SL2-40 Power, GPIOs (1x with PWM), SPDIF (Out and In), stereo Headphone (16R and 32R), Speaker (Mono, 8R), LineIn, Microphone, 2 x UARTs, 2x CAN, SDIO, I2C, 3 x ADCs

General Details

Display	5.0" TFT-Display 800 x 480 pixel, Touch resistive
Board Support Package	Microsoft Windows Embedded Compact 7, 2013 / Android JB 4.2.2 - 1.1.0 ASOP, Linux Ubuntu 14.04 LTS
Voltage Supply	Industrial +12V supply
Support Level	1: Evaluation-Kit with BSP (binary), basic documentation (Quick-Start-Guide and Support DVD), support on website 2: phone and email support for 180 days (at office time), basic hardware application notes 3: advanced hardware application notes, design kit including evaluation board schematics (NDA required)
Dimensions	137 x 95 x 70 mm (W x H x D)
Include	iP5-Base Board, Trizeps VII, 5.0" display, μ SD Card, solid bases, power supply
Order code	38 013.EVK



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Technical modifications reserved, errors excepted

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