

Evaluation Kit nConXS MX28

for Trizeps MX28

Keith & Koep



Based on Trizeps MX28 CPU-Module

Processor	Low Power Freescale™ i.MX287 CPU, 454MHz
RAM Memory	DDR2-RAM, 128 MB
Flash Storage	Onboard 4 Bit wide µSD Socket for Cards up to 32 GB

Onboard

Display Interfaces	18 Bit RGB LCD interface for res./cap. Touch panels (3.5", 4.3", 5.0", 5.7" and 7.0"), LVDS interface (20 pin conn.), LCD backlight +12V (optional +5V), res. Touch panels (4 wire), optional cap. Touch panels I2C (20 pin conn.)
Features	10/100 Mbit Ethernet, USB2.0-A Host and OTG, SD/MMC Card Socket, D-Sub 9 RS232, stereo headphone 3.5mm, LEDs, Realtime Clock with 3V battery

Expandability

Extension Connector	28 pole SL-2 2,54mm extension header
Extension interfaces	Power, 2x UART, CAN, 2x I2C, GPIO, ADCs, ,SPI

General Details

Display	7.0" TFT-Display 800 x 480 pixel, Touch capacitive
Board Support Package	Windows Embedded 6.0 R3
Voltage Supply	Industrial +12V supply
Support Level	1: Evaluation-Kit with BSP (binary), 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	180 x 160 x 228 mm (W x H x D)
Include	nConXS Baseboard, Trizeps, 7" display, 4GB µSD Card, acrylic glass base, power supply



www.keith-koep.com

Rev.0815
Technical modifications reserved, errors excepted

Keith & Koep GmbH
Uellendahler Str. 199
42109 Wuppertal
Tel +49-202-25253-0
Fax +49-202-25253-33