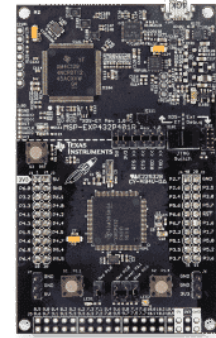




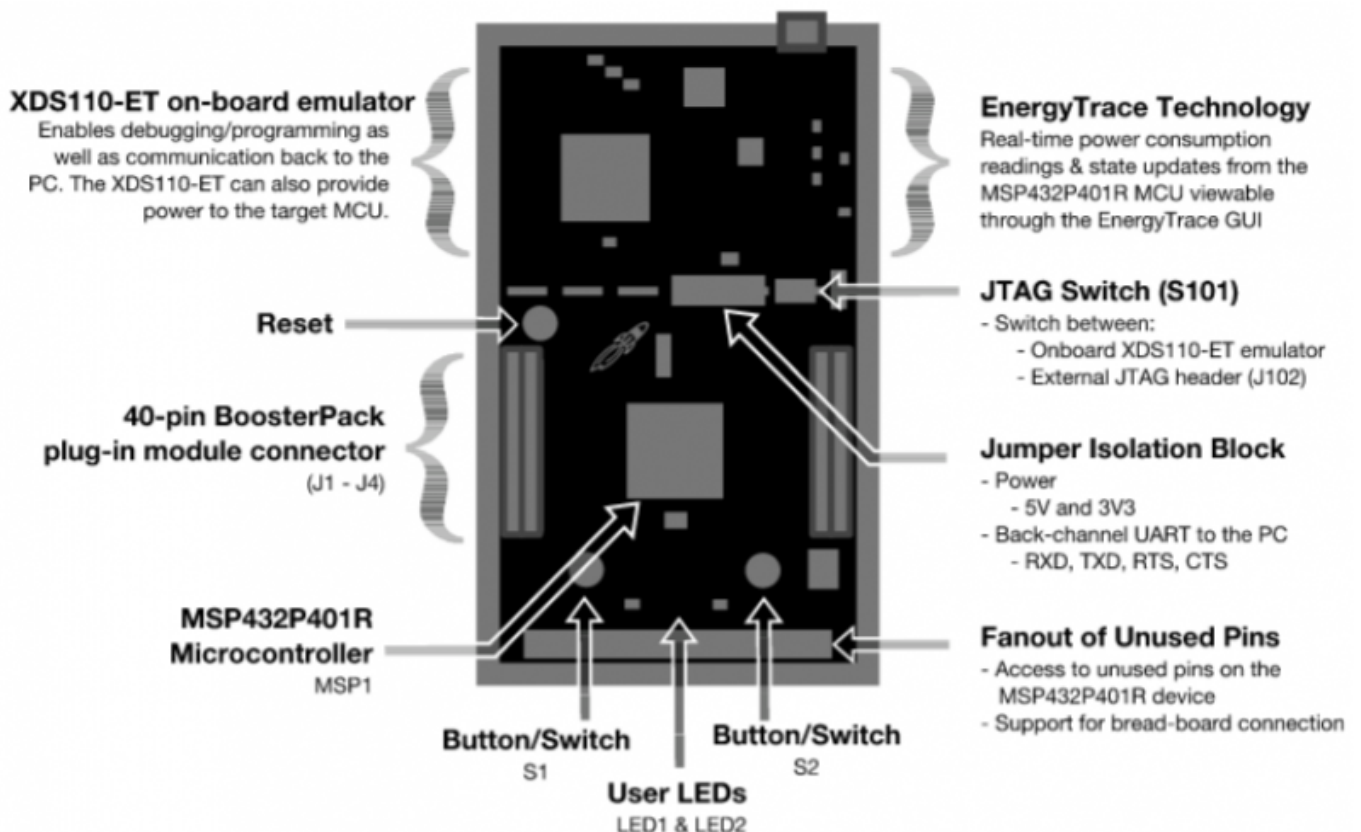
PRODUCT NAME : MSP EXP432P401R Development Boards & Kits - ARM MSP432 LaunchPad MSP-EXP432P401R

PRICE : Rs 2,599.00
SKU : RM0405



DESCRIPTION

MSP432P401R Launch Pad allows you to design and can run to benefit from low-power high-performance applications. It uses a **MSP432P401R-a 48MHz ARM Cortex M4F**, 95uA/MHz power and 850nA RTC operation, differential 14-bit 1MSPS SAR ADC and AES256 accelerator. The Launch pad contains on-board simulators with Energy Trace+ technology, that is to say, you do not have other project programming and debugging tools, and can measure the total energy of the system.



MSP-EXP432P401R Overview

Features of MSP EXP432P401R Development Boards & Kits - ARM MSP432 Launch

Pad MSP-EXP432P401R:

- Low-power, high-performance MSP432P401R MCU.
- 48MHz with a floating point unit and DSP acceleration features 32-bit ARM Cortex M4F.
- Power consumption: 95uA/MHz and 850nA RTC standby operation power consumption power consumption.
- Simulation: differential 24-channel 14-bit 1MSPS SAR ADC, two comparators.
- Figure: the advanced encryption standard (AES256) Accelerator, CRC, DMA, 32 bit hardware multiplier.
- Memory: 256KB Flash, 64KB, RAM.
- Timer: 4-16-bit, 2 x 32-bit.
- Traffic: up to 4 I2C, 8 SPI, 4 UART.
- Booster Pack 40 pin connector, supporting 20 pin Booster Pack.
- Onboard with Energy Trace+ technology XDS-110ET emulator.
- 2 buttons and 2 LCD for easy user interaction.
- Back-channel UART via a USB connection to PC.
- Brand: Texas Instruments.
- Product: Development Kits.
- Tool Is For Evaluation Of: MSP432P401R.
- Core: ARM Cortex M4F.
- Interface Type: I2C, SPI, UART, USB.
- Operating Supply Voltage: 3.3 V, 5 V.
- Data Bus Width: 32 bit.
- Description/Function: Launch Pad development kit.
- For Use With: Booster Pack Plug-in Modules.

Applications of MSP EXP432P401R Development Boards & Kits - ARM MSP432 Launch Pad MSP-EXP432P401R:

- DIY projects.
- Automotive project application.
- Electrical/Electronic projects.

ADDITIONAL IMAGES

