

- Embedded & Microprocessor Control

EMBEDDED & DSP DESIGN PLATFORM

New
ED-DAVINCI

- One-stop training kit for Embedded System, DSP and FPGA
- Texas Instruments' Davinci Processor containing the built-in ARM Core and DSP Core
 - 297MHz ARM926EJ-S™ ARM Core
 - 594MHz TMS320C64x+™ DSP Core
- ALTERA Cyclone 120,000Gate, a FPGA Chip, mounted for interlocking experiments on SoC
- Embedded System gearing with DSP and FPGA
- Embedded LINUX for basic to advanced courses
- 7" Wide TFT LCD, 10/100 Ethernet 1Port, Serial 1Port, SD/MMC, and other interfaces



> SPECIFICATIONS

- CPU
 - » TMS320DM6446
 - › ARM926EJ-S™(297MHz) ARM Core
 - › TMS320C64x+™(594MHz) DSP Core
- Memory
 - » DDR2 DRAM 256MByte
 - » NOR FLASH 32MByte
 - » NAND FLASH 64MByte
 - » SRAM 4MByte
- Display
 - » 7" Wide TFT-LCD, PDo64VT2
 - » 7" Wide Touch Screen
- Serial Communication : UART 1Port
- Ethernet : 10/100 Ethernet 1Port
- USB 2.0 : HOST 1Port
- IDE : 44Pin IDE Connector
- Card Slot : SD/MMC - 1Slot
- IrDA : TSOP34840
- Video
 - » Video In : NTSC
 - » Video Out : DAC, TFT LCD
- Audio
 - » Audio In : MIC Line
 - » Audio out : Headphone, Stereo
- LED : I2C-GPIO LED
- Add-on Board : ED-255FPGA Board

- Expansion Connector : 160-pin Expansion Connector(80 x 2)
- Debug : PC Interface 10-pin Connector
- Input Voltage : AC 220V
- Dimension : 490(W) x 160(H) x 320(D)mm, 15kg

ACCESSORIES

- AC Power Cord : 1ea
- Cable(JTAG, Serial, UTP) : 1set
- Source Data CD : 1ea
- User Manual

