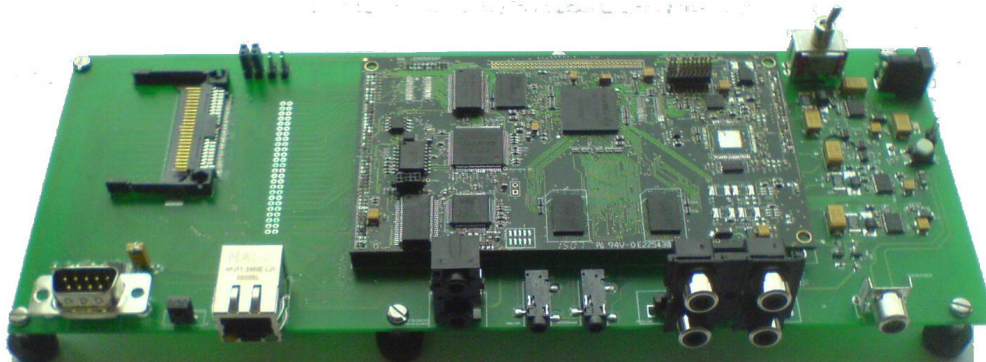
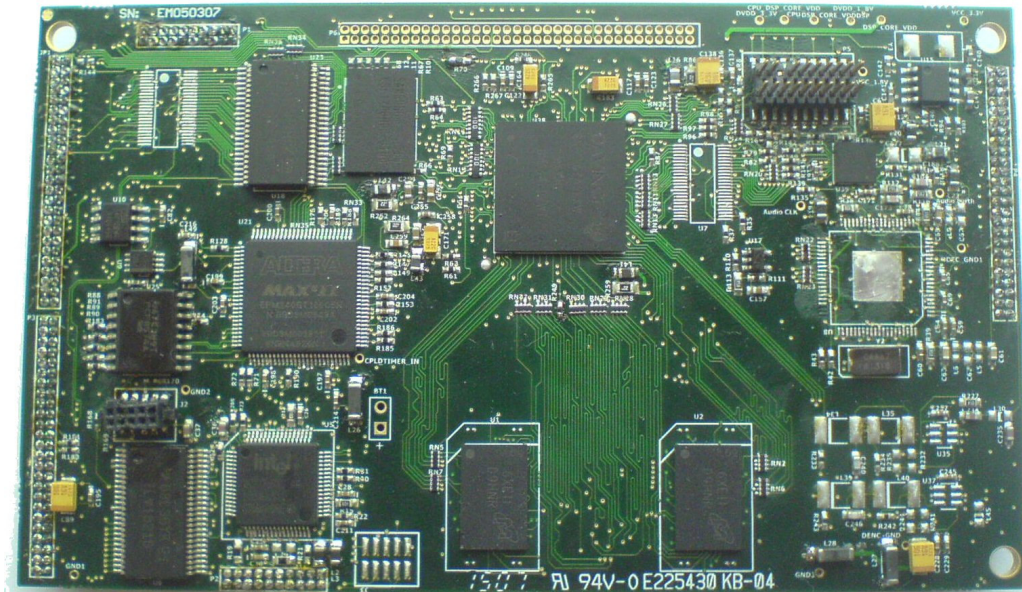


Eointec Solutions IgnitionPro - Davinci module For Rapid Prototyping

Release date: May 2007

Overview

Eointec Solutions Ltd introduces IgnitionPro a fast prototyping module containing a Texas Instruments TMS320DM6446 dual core microprocessor-DSP processor designed for video and audio applications. The module sits on a motherboard that holds the peripheral connectors and power supply, it is intended that the motherboard would change depending on application.



First application example release - DVR

Module:

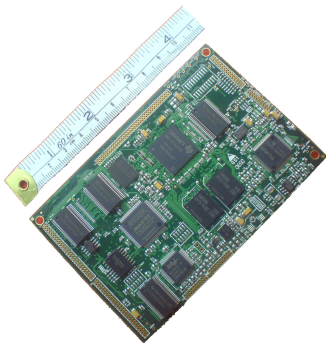
Dimension:
Size 123mm x 72mm approx

Software-DSP Side:

DSP BIOS
Reference Frame work
Codec Engine
xDM audio/video algorithm

Software- Arm Side:

Linux OS 2.6.10
Codec Engine
Linux Application



Mother board:

Dimension:
Size 236mm X 105mm approx.

Peripherals:

Video in/out
Audio in/out
Remote Control
Serial Port
Ethernet
Hard drive
Compact Flash

Processor: TMS320DM6446
ARM9+DSP

Core Clock: ARM-297Mhz
DSP 600Mhz

Flash Memory: Nand Flash 256MBit

DDR2 Memory: 32M x 32

Microcontroller: TI-MSP430

EEPROM: 256K

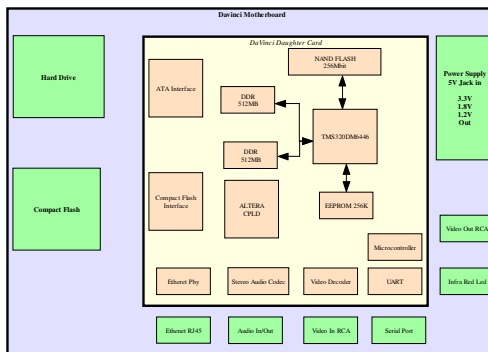
CPLD: Altera- EPM240GT100

Applications:

- Digital Video Recorder
- Video-on-Demand
- IP Set-top box
- Video Surveillance Systems
- IP Video Phone
- Video Conference Systems
- IP enabled Video Recorders

Services:

Eointec Solutions also offers TMS320DM642™ and TMS320DM64xx based Product development services that helps you accelerate your product life-cycle and cut down on overall costs and time-to-market.



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