



AvPlayer

Overview

Key benefits

- Low cost solution
- compact single board desing
- front panel connector style
- Powerful CPU ARM9 + DSP
- Optimized for video acquisition and coding
- Ready to use design – reduced time to market
- Linux BSP available

Key features

- multistandard video encoder/decoder
- On-the-fly video processing
- Powerful ARM9 processor + DSP for video
- USB 2.0 high speed (480Mbps)
- SDHC, MMC
- Integrated Fast Ethernet controller
- Up to 800x600 video controller resolution
- Low power consumption

Specifications

CPU	Arm9 300Mhz + DSP 600 Mhz
Processor	TMS320DM6446
Dram	128MB DDR
Flash	64 MB nor flash
Image processor	Based on TI DSP C64x core
Video output	Analog RGB + DVI
Video input	2 video input Svideo
Ethernet	1 RJ45 port 10/100
USB	4 USB 2.0 host
Analog audio	Line in/out
Digital audio	SPDIF input
Serial port	1 DB9 RS232, 3 LVTTL UART
MMC	1 MMC/SD slot card
HDD	1 port PATA
Remote control	1 iRDA port (with front panel board)
RTC	on board with coin cell
power supply	12VDC
Operating temperature	0-60°C
Ordering code	0703A