

DMA-8652

SMP8652 Network Player Development Kit

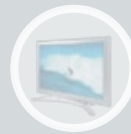


The DMA-8652 development kit enables the rapid development of a network player, capable of playing a variety of content from a variety of sources over the home network, including on-line, NAS, hard drive, etc.

Based on our SMP8652 Secure Media Processor™, the DMA-8652 supports a HDMI output, a USB 2.0 OTG port, an Ethernet port, and a MicroSD Card.

Additional features such as DLNA, wireless network, Z-Wave® RF remote control, and streaming of on-line movies, TV shows and videos may also be easily incorporated.

Our Professional Services Group offers design assistance to customize the final design to your specifications.



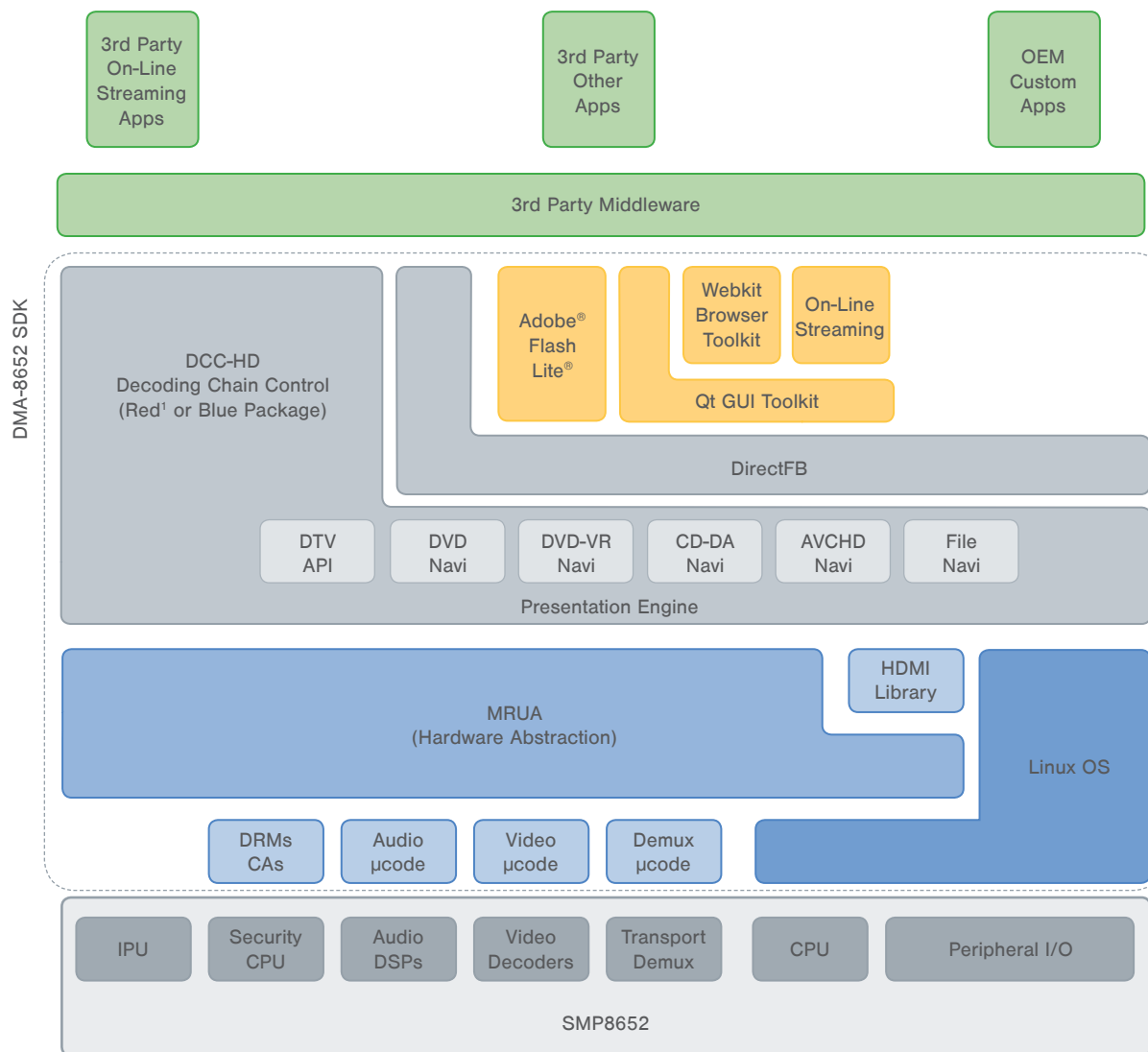
- Enables rapid development of a network or AVCHD player
- Video outputs include NTSC/PAL composite and HDMI
- Audio outputs include 2.0-ch analog audio
- USB, Ethernet, MicroSD Card
- Internal connector for optional SATA HDD
- Includes PC board, SDK, development tools, schematics, bill of materials, Gerber files and documentation

POWERING THE DIGITAL MEDIA GENERATION



DMA-8652

Software Architecture



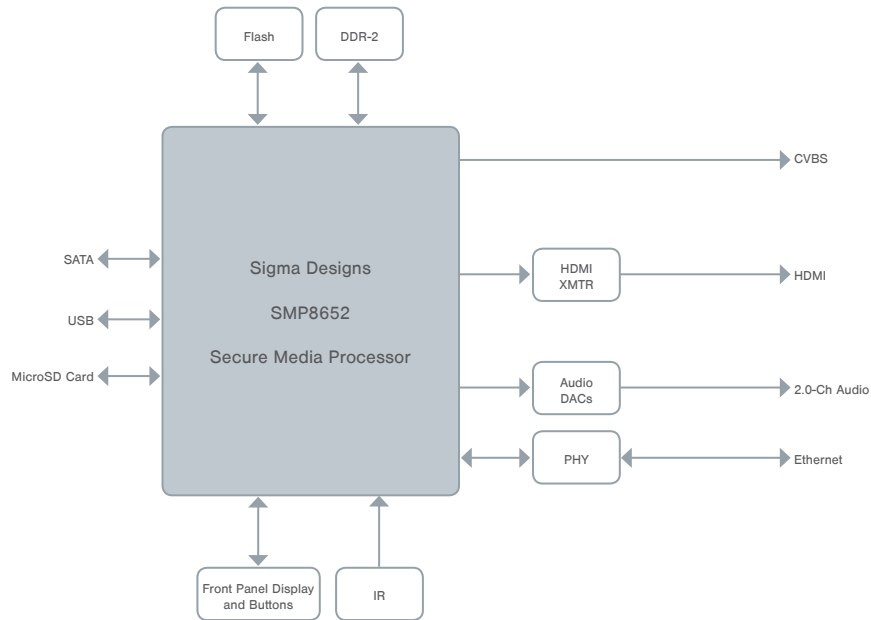
¹ DCC-HD Red Package does not include AVCHD navigation

DMA-8652

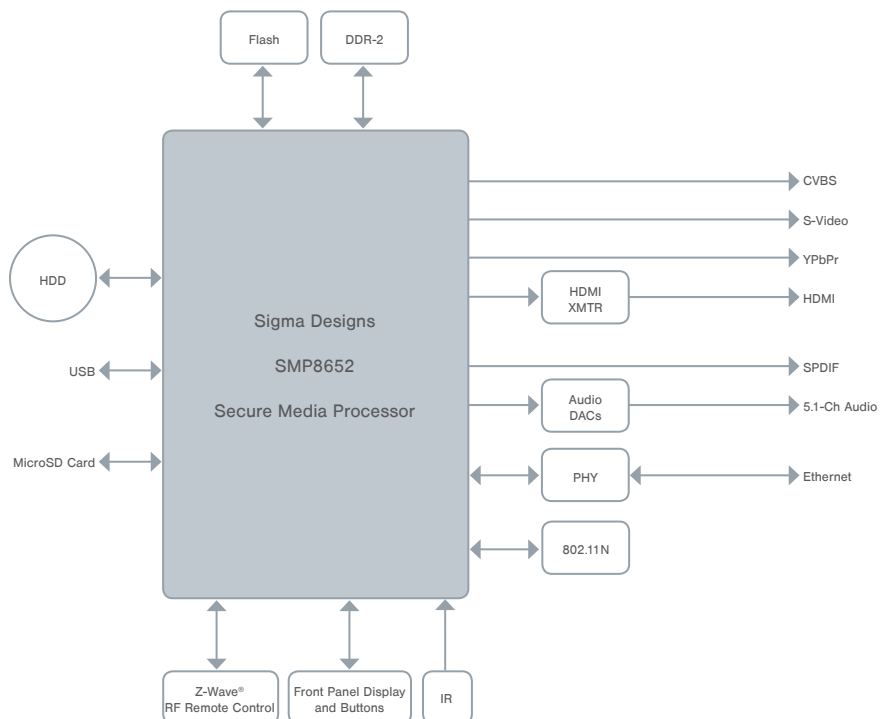
Network Player Block Diagrams



Block Diagram of DMA-8652



Customize the Design to Differentiate Your Network Player



DMA-8652 FEATURES AND SPECIFICATIONS

VIDEO OUTPUTS

- NTSC/PAL composite*
- HDMI v1.3a with audio
- Macrovision copy protection on 480i and 576i analog outputs

AUDIO OUTPUTS

- 2.0-ch analog audio*

MEMORY

- 512MB SLC NAND flash
- 256MB DDR-2 DRAM (DDR-667)

OTHER I/O

- USB 2.0 OTG
- 10/100 BaseT Ethernet (RJ45)
- MicroSD Card
- Internal SATA connector for optional HDD
- IR

DELIVERABLES INCLUDE

- SMP8652 micro STB board
- Linux OS
 - SDK (API and documentation, includes applicable source code)
 - Requires x86 PC with Redhat Linux
- Board schematics
- Bill of materials
- Gerber files
- SMP8652 datasheet
- 5V DC power adapter
- Remote control

SALES OFFICES

U.S.A (HEADQUARTERS)

1778 McCarthy Blvd.
Milpitas, CA 95035
Tel: (408) 262-9003
Fax: (408) 957-9740
www.sigmadesigns.com
sales@sdesigns.com

CHINA

Sigma Designs China Office
Unit 7C1, TianXiang Bldg.
Tian'An Cyber Zone,
Futian District,
Shenzhen, PRC
Postcode 518048
Tel: +86 755-83435669
Fax: +86 755-83435629

HONG KONG, INDONESIA, MALAYSIA

Sigma Designs (Asia) Ltd.
Unit 4001B, Tower 2,
Metroplaza
223 Hing Fong Road
Kwai Fong, N.T. Hong Kong
Tel: +852 2401-7388
Fax: +852 2610-2177

TAIWAN

Sigma Designs Taiwan
Far East World Center,
C Tower
8F-8, No. 79, Sec 1
Hsin Tai Wu Road
Hsichih, Taipei Hsien, Taiwan
Tel: +886 2-2698-2066
Fax: +886 2-2698-2099

JAPAN

Sigma Designs Japan
4-16-8 Nakahara,
Mitaka-shi,
Tokyo 181-0005, Japan
Tel: +81 422-79-3067
Fax: +81 422-79-3067

EUROPE, MIDDLE EAST, AFRICA, AUSTRALIA, SINGAPORE

Sigma Designs, Inc.
Tel: +32 474-501234
Fax: +32 234-72260

* Breakout cable adapter required

DISTRIBUTORS

INDIA

Spectra Innovations
#30, Unit 30/4,
St. John's Road
Bengaluru-560042, India
Tel: +91 80-2558-8323
Fax: +91 80-2558-1427
www.spectraind.com

INDONESIA, MALAYSIA, SINGAPORE

Convergent Systems (S) Pte. Ltd.
60 Albert Street
#11-01 Albert Complex
Singapore 189969
Tel: +65 6337-0177
Fax: +65 6336-2247
www.convergent.com.sg

JAPAN

MACNICA, Inc.
Brilliant Technologies Company
Macnica Bldg. No 1
1-6-3 Shin-Yokohama
Kouhoku-ku, Yokohama,
222-8561 Japan
Tel: +81 45-470-9831
Fax: +81 45-470-9832
www.btc.macnica.co.jp

KOREA

Uniquet Corp.
Uniquet Building
271-2 Seohyeon-dong,
Bundang-gu, Sungnam-si,
Gyeonggi-do, Korea, 463-824
Tel: +82 31-708-9988
Fax: +82 31-708-6598
www.uniquet.co.kr

TAIWAN

Tradwell Company Ltd.
Far East World Center,
C Tower
8F-8, No. 79, Sec 1
Hsin Tai Wu Road
Hsichih, Taipei Hsien, Taiwan
Tel: +886 2-2698-2066
Fax: +886 2-2698-2099

