

IPTV-8652

SMP8652 IPTV Set-top Box Development Kit

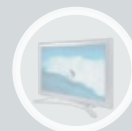


The IPTV-8652 development kit enables the rapid development of an IPTV set-top box or thin client that can also support an ATSC, DVB-T or ISDB-T tuner.

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

Additional features such as DLNA, Z-Wave® RF remote control, and streaming of on-line movies, TV shows and videos may also be easily incorporated. Adding Z-Wave® capability also integrates support for Z-Wave® enabled home automation, home security monitoring and home energy management products. This enables telcos to offer additional premium services, such as home security monitoring, for the home.

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



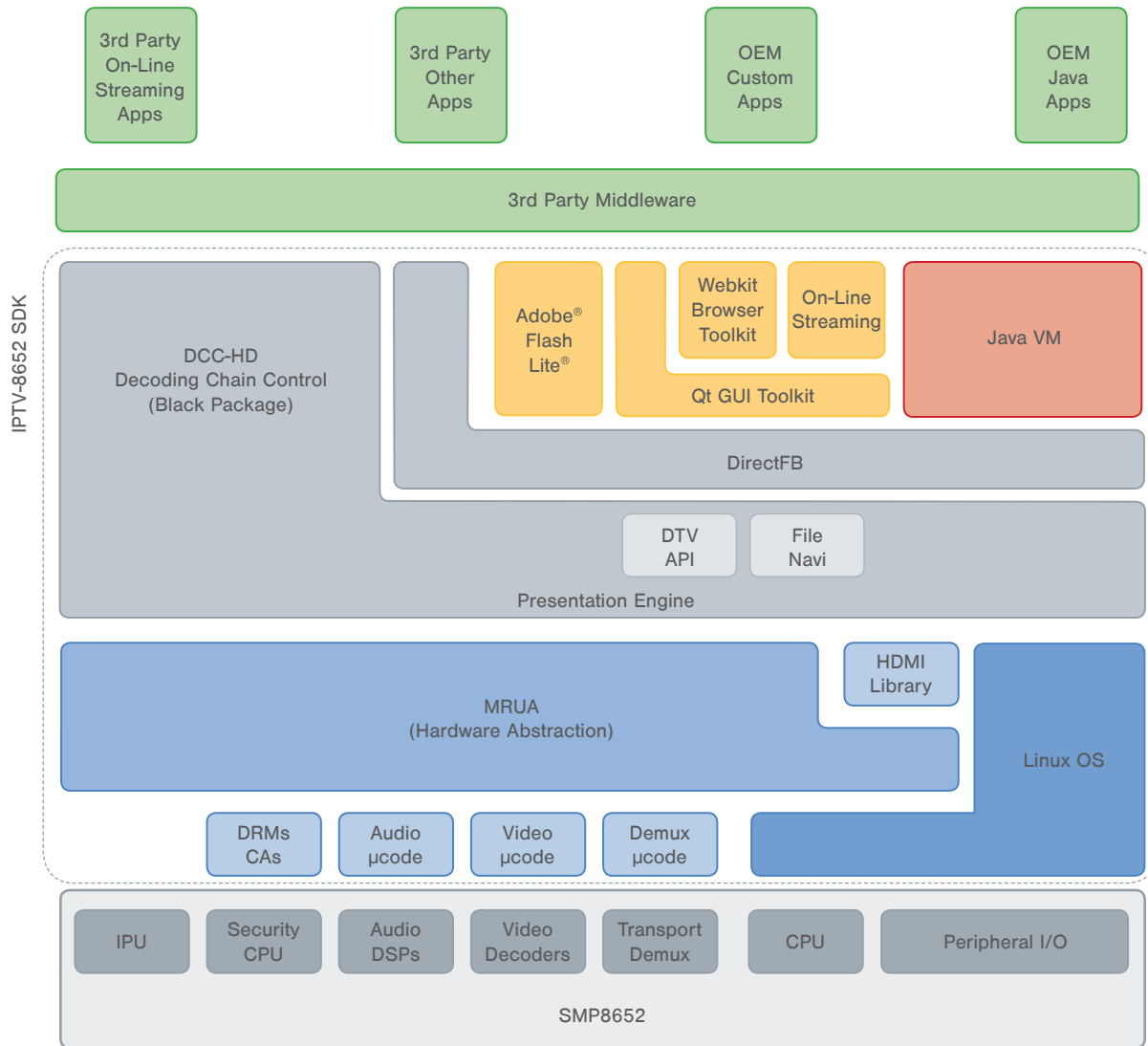
- Enables rapid development of an IPTV set-top box or thin client
- Supports Linux or WinCE OS
- Video outputs include NTSC/PAL composite and HDMI
- Audio outputs include 2.0-ch analog audio
- USB, Ethernet, MicroSD Card
- Internal connector for optional SATA HDD
- Includes PC board, SDK, development tools, schematics, bill of materials, Gerber files and documentation

POWERING THE DIGITAL MEDIA GENERATION



IPTV-8652

Software Architecture

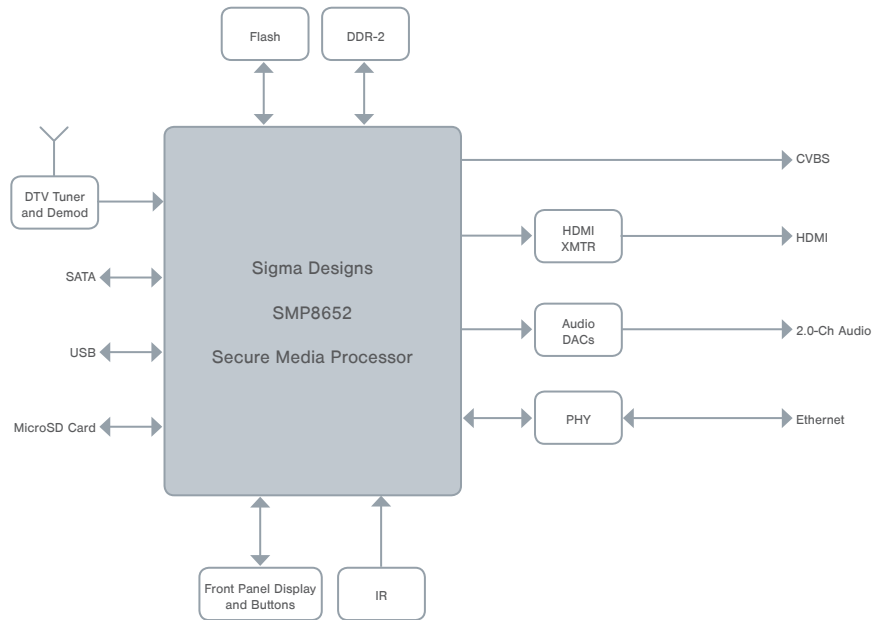


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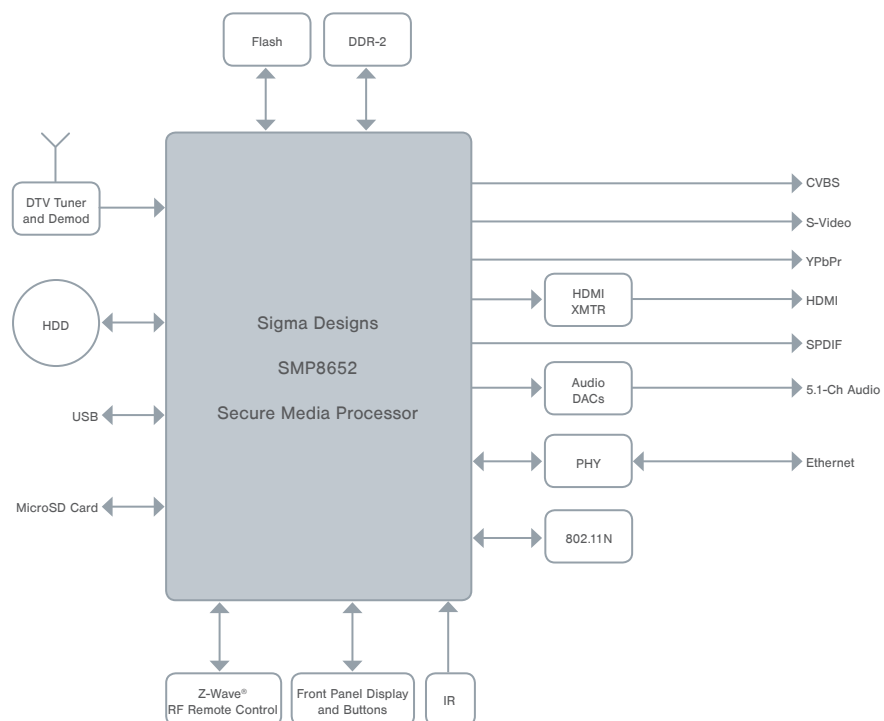
IPTV Set-top Box Block Diagrams



Block Diagram of IPTV-8652



Customize the Design to Differentiate Your IPTV Set-top Box



IPTV-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 with ATSC, DVB-T or ISDB-T silicon tuner
- Linux OS
 - SDK (API and documentation, includes applicable source code)
 - Requires x86 PC with Redhat Linux
- WinCE OS
 - BSP (API and documentation, includes applicable source code)
 - GDI and DirectX framework support
- Board schematics
- Bill of materials
- Gerber files
- SMP8652 datasheet
- 5V DC power adapter
- Remote control

SALES OFFICES

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* Breakout cable adapter required

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