XT243, XT1143

The BrightSign XT243 and XT1143 media players can be used to decode images, audio, and video (at resolutions up to 4096x2160x60p) for digital-signage and kiosk applications. In addition to driving audio/video devices, these players can be controlled with various networked and built-in interfaces.

This manual specifies the hardware interfaces and operational theory of the XTx43 series.

Block Diagram
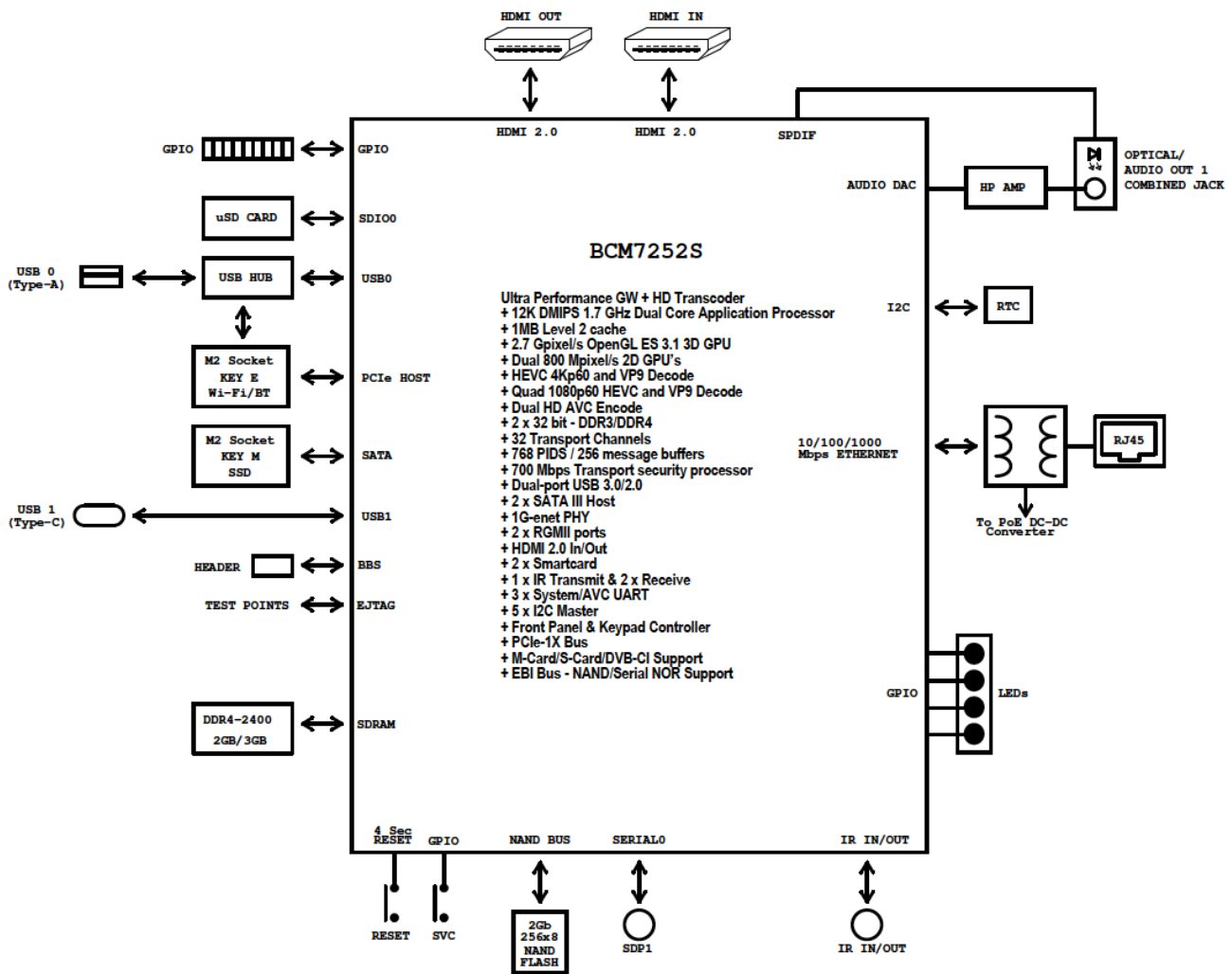
Interfaces

XT243

Front	Back

Status LEDs	WiFi antenna connector (1 of 2)
microSD card slot	3.5mm audio out
HDMI out	3.5mm IR in/out
Service button (SVC)	GPIO (12 pins)
Reset button (Reset)	12V@3A Molex power connector
RJ45 LAN	WiFi antenna connector (2 of 2)

XT1143

Front	Back
Status LEDs	WiFi antenna connector (1 of 2)
microSD card slot	3.5mm audio out
HDMI out	USB 2.0 (Type A connector)
HDMI in	3.5mm IR in/out
USB 2.0 (Type C connector)	3.5mm serial
GPIO service button (SVC)	GPIO (12 pins)
GPIO reset button (Reset)	12V@3A Molex power connector
RJ45 LAN	WiFi antenna connector (2 of 2)