

4K242, 4K1042, 4K1142

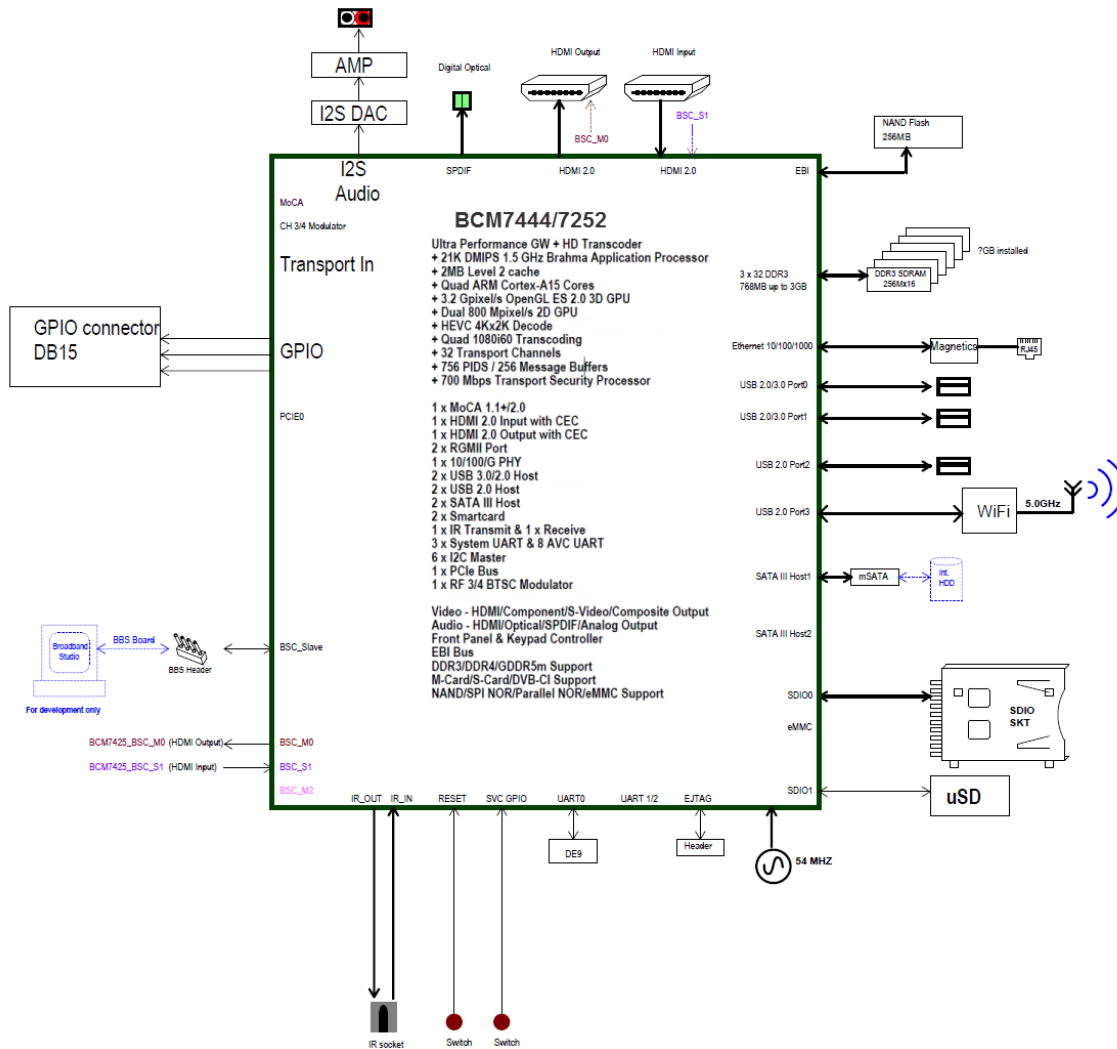
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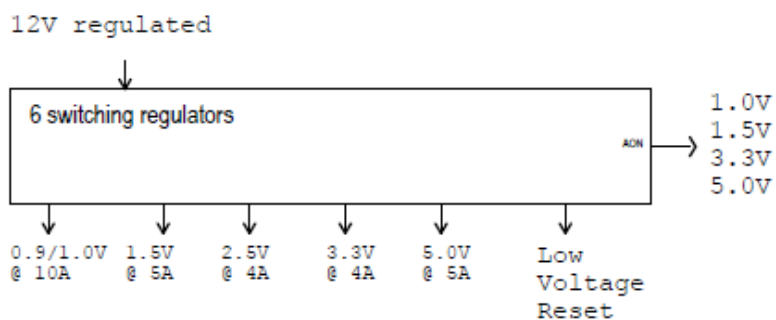
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The 4K series is a line of commercial-grade solid-state media players that can be used to decode images, audio, and video (up to 3840x2160x60p) for digital-signage and kiosk applications. In addition to driving audio/video devices, these players can be controlled with various networked and built-in interfaces.

This section specifies the hardware interfaces and operational theory of the 4K series.

Block Diagram





Interfaces

4K242

Front	Left	Right	Back	Internal
DA15 GPIO	GPIO service button	SDHC/SDXC flash card slot	12V Molex power connector	MicroSD slot
3.5mm IR in/out	GPIO reset button	Status/error LED (red)	HDMI out	SATA connector
3.5mm audio out		Update LED (yellow)	RJ45 Ethernet (POE)	WiFi Module connector
		Power LED (green)		
		SD activity LED (green)		
		MicroSD presence LED (green)		
		Ethernet activity LED (green)		
		WiFi activity LED (green)		
		Server connection (green)		

4K1042

Front	Left	Right	Back	Internal
DE9 RS232 serial (male)	GPIO service button	SDHC/SDXC flash card slot	12V Molex power connector	MicroSD slot
DA15 GPIO	GPIO reset button	Status/error LED (red)	SPDIF out	SATA connector
3.5mm IR in/out		Update LED (yellow)	HDMI out	WiFi Module connector
3.5mm audio out		Power LED (green)	USB 3.0	
		SD activity LED (green)	RJ45 Ethernet (POE)	
		MicroSD presence LED (green)		
		Ethernet activity LED (green)		
		WiFi activity LED (green)		
		Server connection (green)		

4K1142

Front	Left	Right	Back	Internal
USB 2.0	GPIO service button	SDHC/SDXC flash card slot	12V Molex power connector	MicroSD slot
DE9 RS232 serial (male)	GPIO reset button	Status/error LED (red)	SPDIF out	SATA connector
3.5mm IR in/out		Update LED (yellow)	HDMI out	WiFi Module connector
3.5mm audio out		Power LED (green)	HDMI in	
		SD activity LED (green)	(2x) USB 3.0	
		MicroSD presence LED (green)	RJ45 Ethernet (POE)	
		Ethernet activity LED (green)		
		WiFi activity LED (green)		

		Server connection (green)	
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