MAGNETAR | UDP800 MKII | Reference Level Universal Disc/Media Player

MAGNETAR

UDP800 MK II

MAGNETAR

Upgraded Electronic Performance

PCB Connectors

All PCB connectors upgraded to JST and Amphenol brands to enhance stability and reliability of the connections further reducing distortion and noise resulting in purer sound.

In-Machine Wires

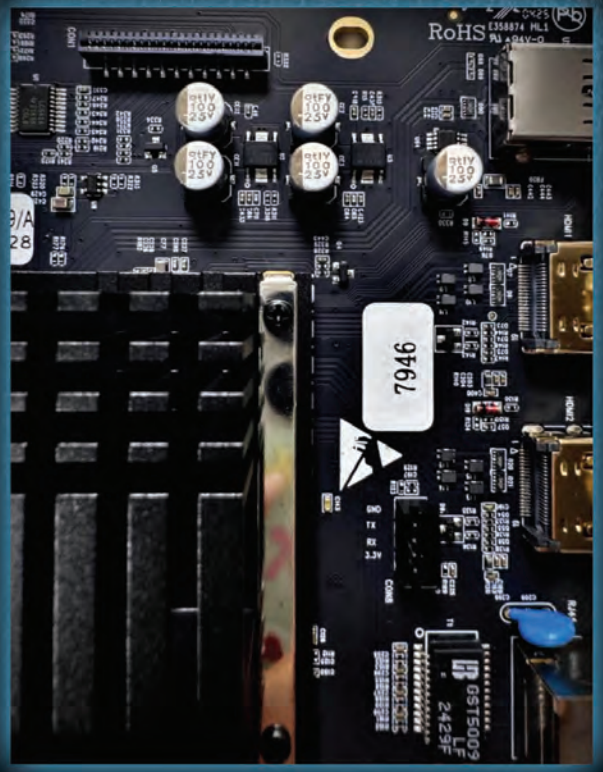
All wiring has been upgraded to higher grade copper-core optimizing the signal transmission performance. The improvement of wire quality reduces signal loss resulting in the preservation of more audio details. Additional anti-interference capabilities ensure more accurate sound presentations.

MAGNETAR

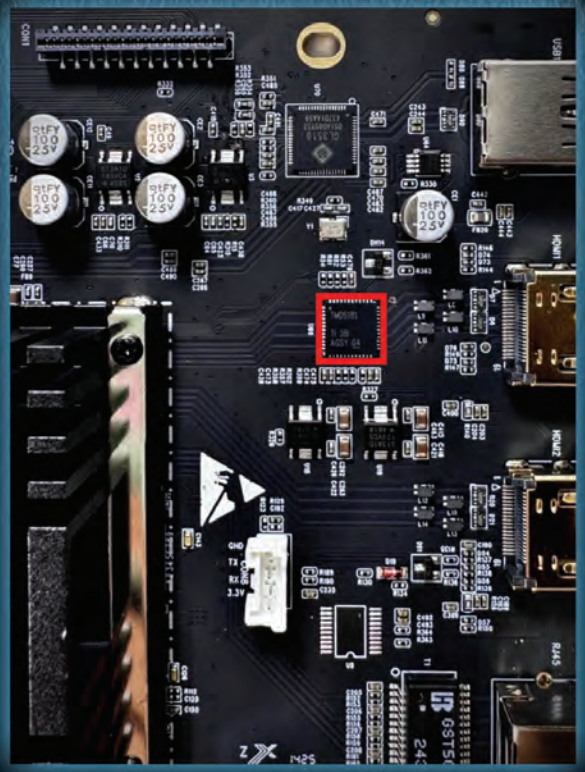
Jitter Free Performance Upgrade

Dedicated HDMI Audio Port

Introduction of TMDS retiming to compensate for random jitter, provide for improved signal quality and load carrying capacity, and improve HDMI audio quality resulting in richer sound.



UDP800



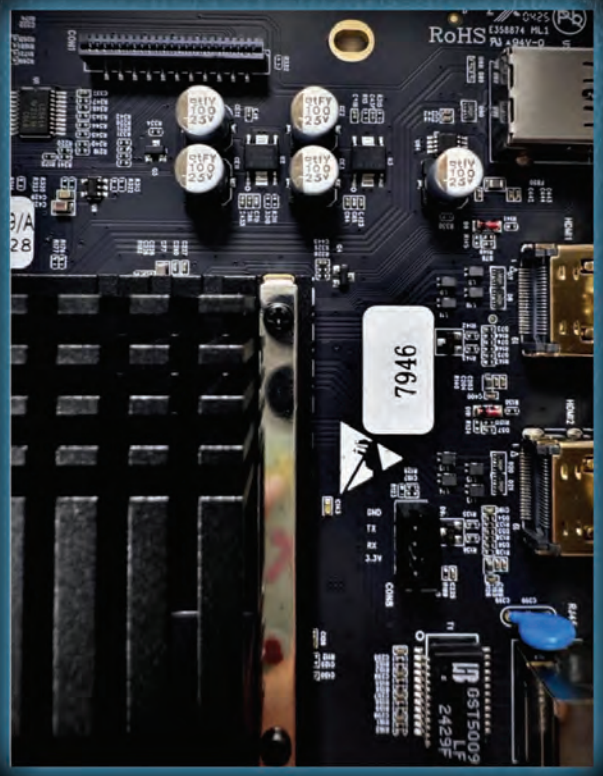
UDP800 MKII

MAGNETAR

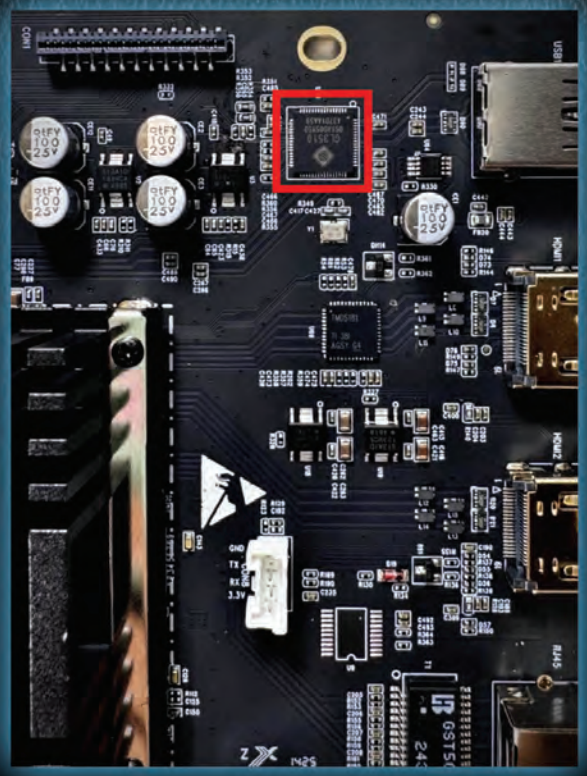
USB Stability Enhancements

Optimization of USB 3.0 Port

The addition of a USB 3.0 HUB chip and complete USB power supply redesign offers improved compatibility and stability of the USB 3.0 port to better support variances found in USB flash and hard drives. Enhanced data transmission stability and speed deliver higher performance from USB based video and audio files.



UDP800



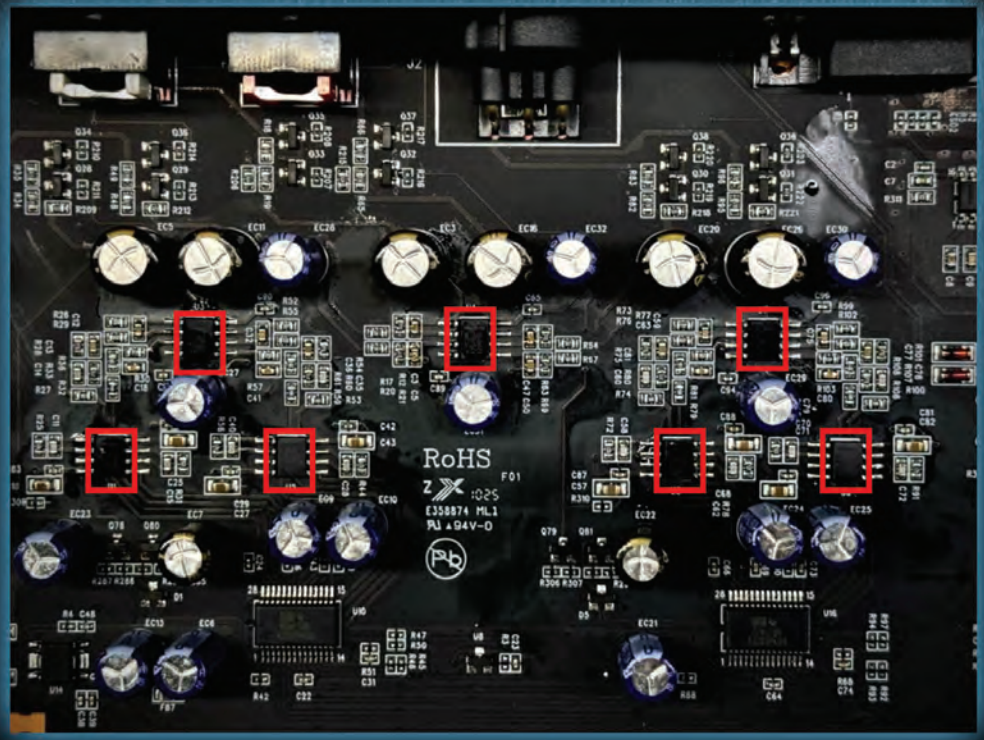
UDP800 MKII

MAGNETAR

Upgraded Operational Amplifiers

1602 OP Amps

Replacing op amps with seven high precision OPA 1602's delivers lower noise and reduced audio distortion for more accurate signal reproduction delivering flawless audiophile grade performance.



UDP800 MKII

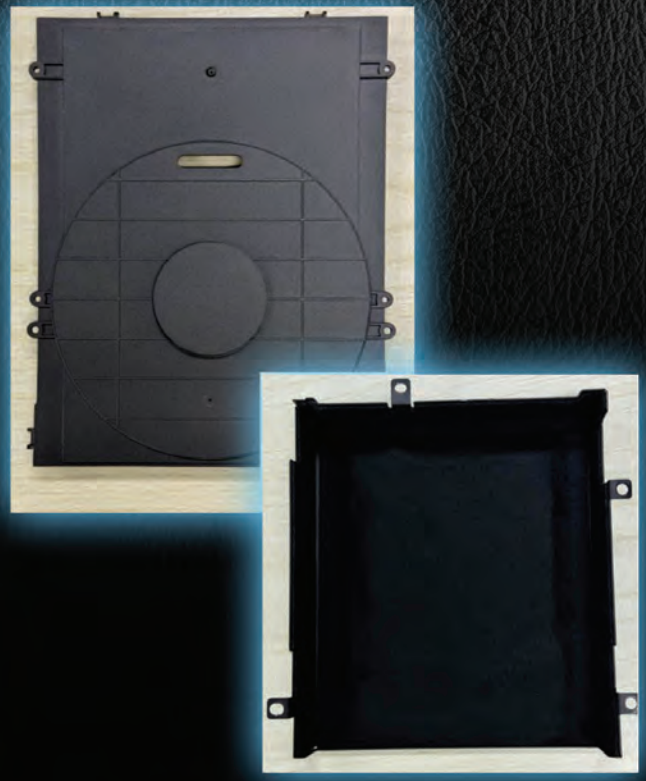
MAGNETAR

Quieter Drive Performance

Improved Optical Drive Structure

Sound absorbing cotton to the drive's outer casing and a spray painted frame enhances durability while reducing drive noise.

UDP800



UDP800 MKII

MAGNETAR

Improved Image Processing

Proprietary Magnetar Next Gen Intelligent Video Image Processing

Proprietary Magnetar Next Gen Intelligent Video Image processing offers a more detail rich and deeper color output along with improved upscaling and HDR/SDR conversion capabilities.

MAGNETAR | UDP900 MKII | Reference Level Universal Disc/Media Player

MAGNETAR

UDP900 MK II

MAGNETAR

Flagship Electrical Upgrades

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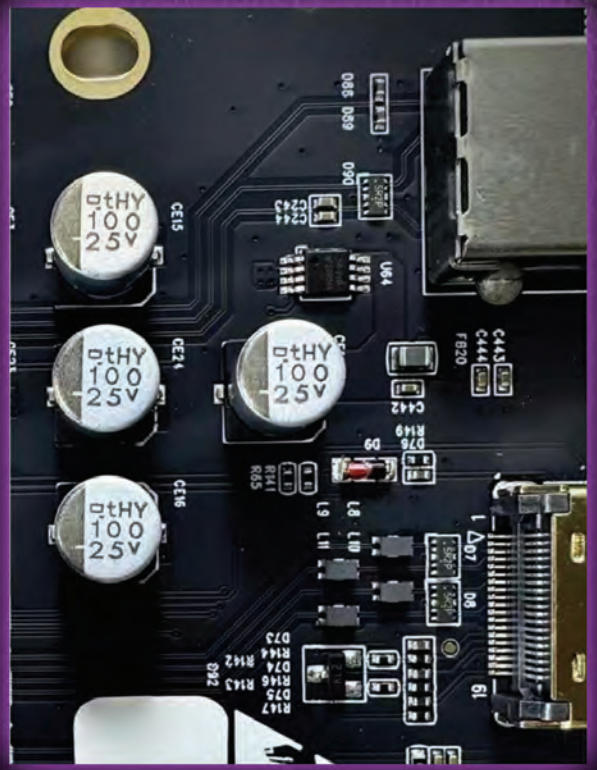
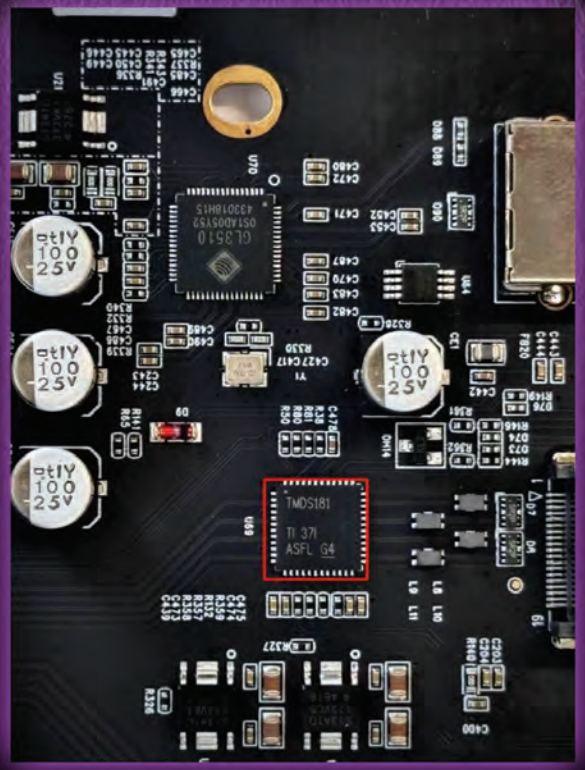


UDP900



UDP900 MKII

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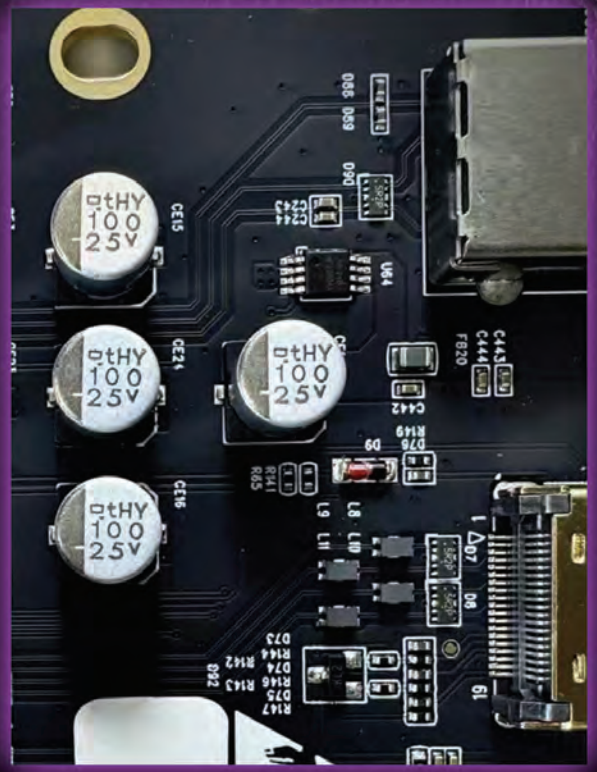
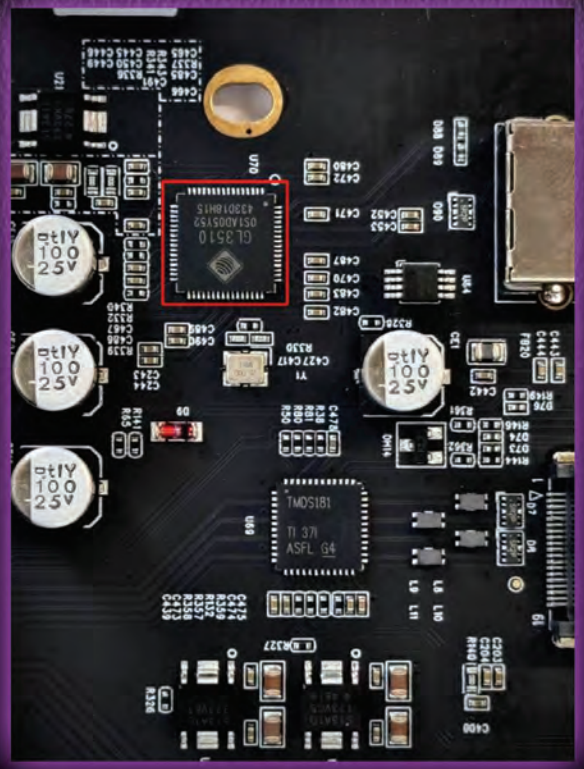


UDP900



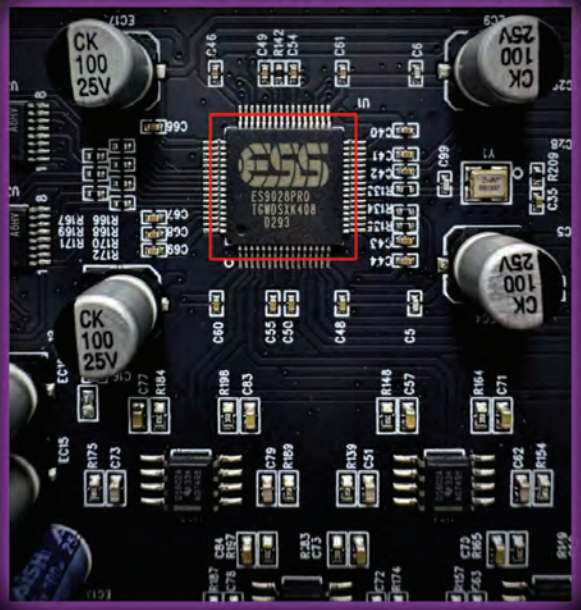
UDP900 MKII

MAGNETAR

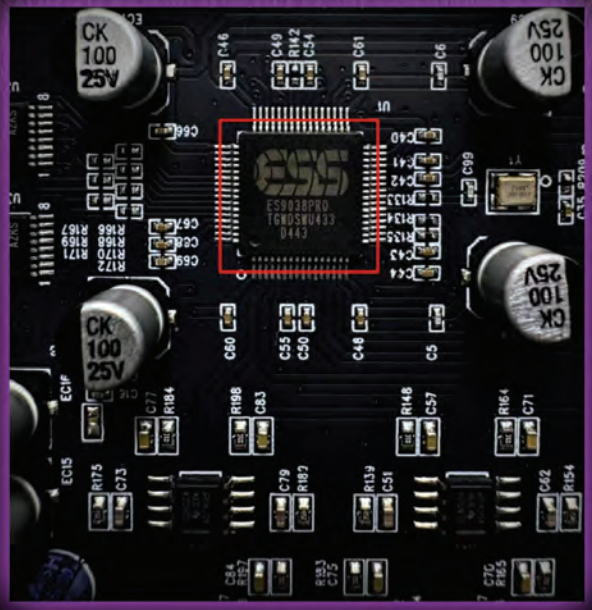
Dual ESS 9038 PRO DAC

2.0 and 7.1 channel ESS9038PRO

Jumping up from the ESS9028, the 7.1 channel DAC moves to the ESS9038PRO offering improved audio decoding capabilities, enhanced surround sound and overall sound quality performance.



UDP900



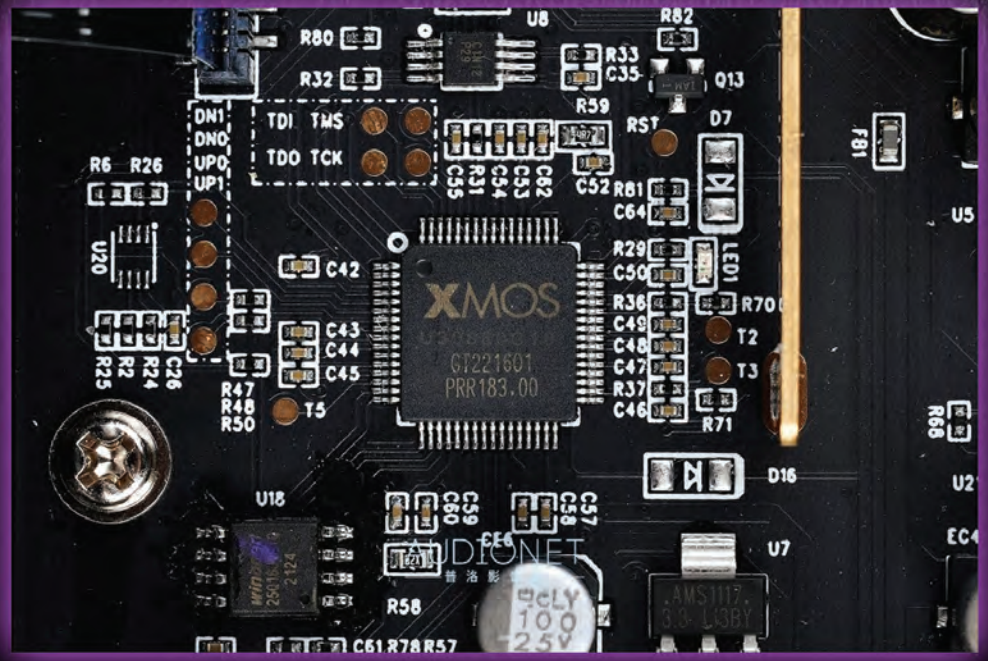
UDP900 MKII

MAGNETAR

Resolution Unlocked

USB AUDIO

USB AUDIO via XMOS now supports PCM768 and DSD512, significantly improving the audio data transmission and processing capabilities providing higher quality output.



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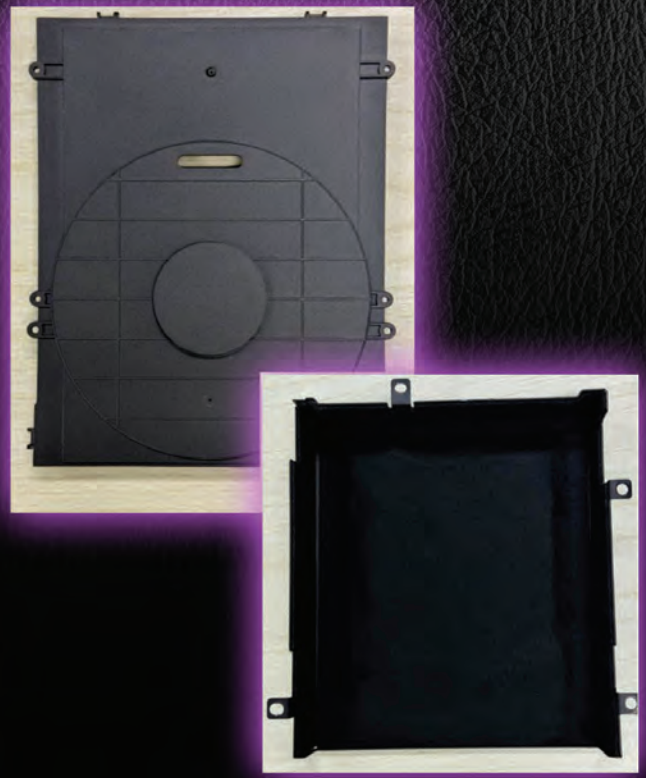

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