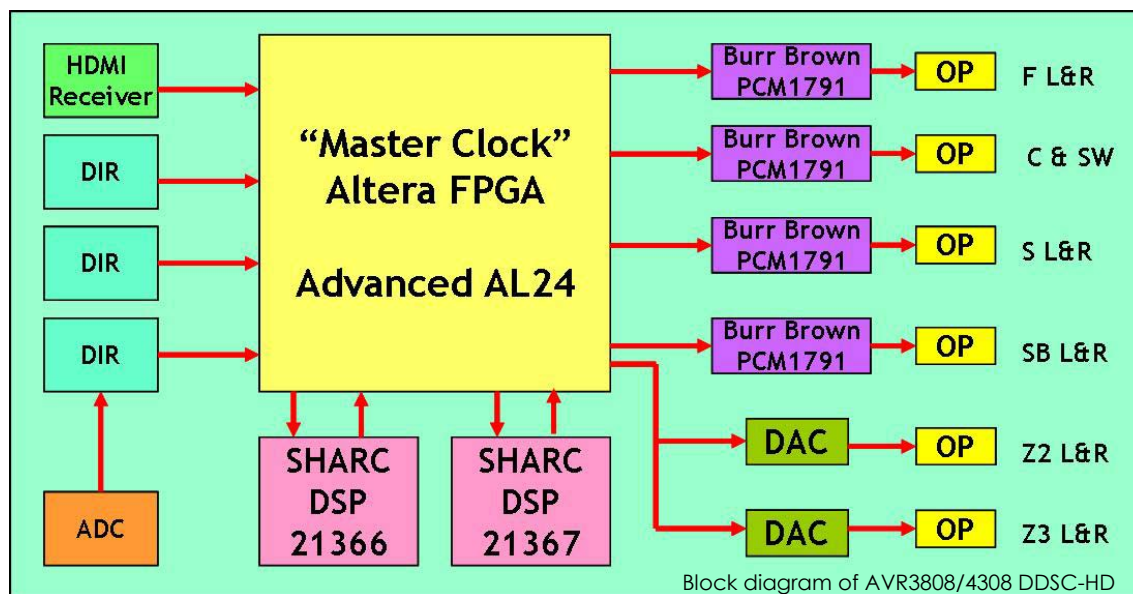


DENON

Handy Hint

Dynamic Discrete Surround Circuit High Definition



Conventional DVD audio has a typical data rate of just 448kbps so it is very common for an AV Receiver to use just 2 digital devices in the audio stream to process this data, a DSP chip and a multi channel DAC.

With the introduction of HD audio formats such as Dolby TrueHD and dts Master the data rate can be as high as 24.5Mbps. To make sure that this massive increase in data is processed properly and outputs these great new formats with the greatest level of fidelity Denon have upgraded their DDSC circuits to a new level of Digital audio processing power .

DDSC-HD utilises discrete digital devices as well as the "Master Clock" which acts as the circuits "CPU"

- **DIR x 3**; Digital Interface Receivers
- **ADC x 1**; Analogue to Digital converter
- **DSP x 2** ; Digital signal processors
- **DAC x 4**; Digital to Analogue converters
- **Master Clock**; Programmable "CPU"

audioproducts
Group

September 15, 2008