

## DSI MF-801 digital picture frame

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### Architecture

MF-801 is a high performance digital picture frame with the video and audio playing function. MF-801 is using the LG 8.4 inch LCD panel, and the decoder IC is AML6213D, which is based on the Amlogic solution. MF-801 has 4in1 Socket, you can read SD, xD, MMS and MS card by the socket, and MF-801 also has the standard and mini USB socket, which has the OTG function, using the OTG function, you can transmit the data between two OTG function devices, that makes data exchange more convenient. and with the remote control function, you can control the digital picture frame more easier.

For the architecture ,please see the Figure 1

1. the power circuit portion provides different voltage for the system, including +5V, +3.3V, +1.2V etc.
2. You can copy the picture ,video and audio data using the 4in1 socket, USB and miniUSB into the internal memory, the main IC, AML6213D then read the data from the internal storage memory and decode, send the display data to the LG 8.4 LCD.

3. Using the digital analog convert IC CS4334 and the amplifier IC HWD4863, the system can decode and play audio file.
4. Using the 5 direction function, you can also control the system without remote.