



News Release

Averlogic AL330B, One-Stop Video Processing SOC for digital displays devices.

(Taipei, Taiwan April 17th, 2009) AverLogic Technologies Corp., a Video/Audio IC solutions provider, has announced a new video SOC (System On a Chip) that can be incorporated into a wide range of small to medium sized digital display devices.

This one-chip wonder is highly integrated, assuming complete video processing responsibilities and helping display manufacturers shorten development cycles by providing a versatile, straightforward interface. This immediately relieves manufacturers of the complexities of video format standards, decoding signals, video timing issues, color/image enhancement, input/output device variability etc.



Applications

The AL330B can be used in a variety of digital display devices such as Small to Medium Standalone Flat Panel Monitors, In-Car video devices (DVD, CCD, TV, GPS etc.), Entertainment Systems, Video Door Phones, Baby Monitors, Portable TVs, AMOLED display devices and much more.

Video Input

The AL330B is capable of handling 9 video inputs with CVBS, S-Video, YPbPr (480P/576P) or Analog RGB interfaces. It can also auto-detect NTSC, Pal and SECAM video signals. It uses an Adaptive 2D Comb-Filter, the most cost effective solution for reducing artifacts and displaying optimal picture quality. The AL330B also can support CCIR-656/YCbCr Digital Input.

Video Processing

The AL330B provides a versatile array of processing capabilities including various levels of video decoding, picture enhancement, color conversion and video scaling. Such features include an Anti-aliasing filter, Brightness/Contrast/Hue/Saturation adjustment, Image and Edge Sharpness adjustment, Programmable Scaling, feature-full OSD (On Screen Display) capabilities, Black Level Extension, White Level Extension, Macrovision copy protection, VBI Decoding and much more.

The Chip

The AL330B contains a built-in 8052 MCU with 1K internal SRAM and comes in a 128-pin, 14 x 14 mm LQFP package. It is designed as a low-power IC unit and contains dedicated UART & INT pins, supports SPI-Flash and ISP functions and has three PWM generators for general purpose control.

Do-it-all AL330B Video SOC

The AL330B is packed with more than enough features to drive a wide range of digital display devices. Practical, versatile and reliable, the AL330B is ready for market as your One-Stop Digital Video SOC.

■ About AverLogic Technologies, Corp.

Established in 1996, AverLogic Technologies is a fabless semiconductor company headquartered in Taipei, Taiwan with R&D centers and branch offices in Hsinchu, Taiwan; San Jose, USA; and Shenzhen, China. The company specializes in high-performance application-specific video solutions. Current products include Video Frame Buffer ICs (FIFO), LCD/DTV Display Controller ICs & SOCs, Video Decoders & ADC ICs, Video Conversion ICs, Video Surveillance Controller ICs, MPEG-4 A/V Encoders, and Multimedia Network Controller ICs. In recent years, the company has also developed system solutions, such as Network Video Servers, H.264/MPEG-4 IP Cameras, and H.264 Full HD A/V Streaming over Powerline Products. AverLogic has been publicly listed on the Taiwan OTC Stock Exchange Market since 2002 (TOSE: 6198). You can visit www.averlogic.com for additional information and product offerings.

■ Press Contact:

Shine Tsai

AverLogic Technologies, Corp.

+886 2 8752-3988 ext.128 (Taiwan)

shine_tsai@averlogic.com