

Samsung selects Philips' SACD chip solution to deliver superior audio quality in advanced DVD players

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Royal Philips Electronics today announced that Samsung Electronics has chosen to integrate Philips' Super Audio CD (SACD) single-chip solution, the SAA7893HL. Samsung will integrate Philips' SAA7893HL into its DVD Players (DVD-HD841) as Samsung strives to deliver high-quality audio and video experience to its customers. By promoting this next step in audio-technology, Samsung offers consumers DVD players featuring the next level of audio reproduction – clearly superior to the CD. With the SAA7893HL by Philips, SACD has become a 'must-have' feature in the DVD-video market, bringing a superior multi-channel listening experience to consumers in their home environment.

“The SACD format is quickly moving into the mainstream consumer market, becoming a standard technology feature for DVD players,” says Kurt Sievers, marketing and strategy manager, connected multimedia solutions, Philips Semiconductors. “Co-developed by Philips, the SACD format represents the next level of audio reproduction. Philips' SAA7893HL is the ideal semiconductor solution to seamlessly add SACD capabilities to DVD devices.”

“Our decision to use the Philips SAA7893HL for our next generation of DVD players could not have been easier,” said Kim Young-Han, DVD+SACD principal engineer and project manager at Samsung Electronics. “SACD technology delivers the highest possible multi-channel audio quality. By utilizing the easy-to-implement SAA7893HL

from Philips, Samsung will be able to offer a truly unbelievable sound experience to end consumers at an affordable price.”

The high-performance SACD decoding and post-processing capabilities of the Philips SAA7893HL allow the makers of DVD players to bring high-quality multi-channel sound to end consumers at reasonable prices. It is a flexible single-chip hardware and software solution that offers complete SACD functionality, yet avoids the need for continual redesign and reintegration of SACD into various applications. Due to the integrated multiple loader and host interfaces, the SAA7893HL can support many different DVD platforms. It enables manufacturers to introduce DVD video players and receivers that can support six-channel SACD and DVD playback. The six-channel DAC outputs of the DVD host are routed via the chip, which provides a DAC switch function between SACD mode and DVD mode. Offering a complete solution, including Annex J+ level SW API, the SAA7893HL also incorporates a full SACD software stack.

The original press release can be found [here](#).

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