

| PRESS RELEASE | Paris, France, December 19, 2017 |

## ARKAMYS' SoundStage Audio Software Is Now Available On AKM AK7738 DSP



- **ARKAMYS and AKM** partnership will enhance in-vehicle **immersive audio** experience for drivers and passengers.
- **AK7738** is suitable for car audio, display audio, car navigation systems and hands-free systems.

ARKAMYS, leader in 3D sound audio effects, voice processing and sound rendering, today announces the successful porting of its audio enhancement software solution SoundStage Core on AKM' AK7738 digital signal processor (DSP). This **partnership** between **ARKAMYS' audio experts and AKM**, one of the global semiconductor leaders, aims at enhancing the **surround sound effect** for driver and passengers.

The **AK7738 DSP** is suitable for car audio, display audio, car navigation systems and hands-free systems to improve the audio in-vehicle user experience. Designed by AKM, this audio/voice digital signal processor realizes **high performance hands-free voice process in addition to audio process**.

**SoundStage Core** is widely used by automotive leaders to achieve **expansive and clear audio** for their **infotainment systems**, even with entry-level dashboard radios, basic audio systems, entry-level DSP and ARM platforms. The 100% software solution is based on a combination of acoustic compensation algorithms, advanced audio rendering, spatialization processes, and specific in-vehicle tunings performed by the ARKAMYS audio specialists.

# ARKAMYS



"With its advanced audio processing, SoundStage Core lets drivers and passengers experience music as if it is being played from a concert stage on their front dash. Our collaboration with AKM enable us to deliver enhanced solutions for in-vehicle infotainment, even for entry-level audio systems, in a cost-effective manner." says Philippe Tour, CEO of ARKAMYS.

"ARKAMYS is a cutting-edge software solution provider for sound, with performance that will greatly satisfy automobile owners. We are proud to feature ARKAMYS SoundStage inside AKM's Advanced DSP Audio ICs, and we will provide the best solution for customers with ARKAMYS." says Kimio Ueda, Vice President of AKM.

#### **About ARKAMYS:**

As a recognized leader in audio signal processing, ARKAMYS develops innovative software and services for the automotive, mobile phone, virtual reality and connected objects industries.

The sound experts at ARKAMYS are renowned for their work in 3D audio, voice processing, and sound rendering. These same experts create cutting-edge solutions that optimize the speech intelligibility and audio quality of consumer electronics products.

ARKAMYS consistently delivers exciting new audio technologies across the globe, expanding its reputation over the past 16 years to create a strong presence in the USA, Europe, Japan, Korea, and China.

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#### **About AKM:**

Asahi Kasei Microdevices Corporation (AKM), the group company of Asahi Kasei Corporation, is a Japan-based company which has continued to provide customers with optimum solutions all over the world for over 30 years by using compound semiconductor technology used for sensors and mixed-signal technology used for high performance ASIC.

\* AKM is trademark of Asahi Kasei Microdevices Corporation in Japan, Europe and the United States.

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