

APWorkbench software

For audio ICs and MEMS microphones



Integrated development suite for Sound Terminal™ amplifiers, digital audio processors and MEMS microphones

The APWorkbench software suite provides a comprehensive environment for the customer to explore, evaluate and configure devices within ST's product portfolio for audio applications, including stereo and multi-channel amplifiers, DSP and digital MEMS microphones.

KEY FEATURES

- User-friendly interface
- Graphical controls to intuitively configure complex audio IPs
- Point-and-click programmable equalizer
- Convenient preset memories
- Virtual scopes and FFT analyzer
- Scripting language
- Full I²C access with logging capabilities

APPLICATIONS

- TVs
- Home entertainment systems
- Docking stations
- Mobile phones
- Tablets
- Portable devices
- Audio accessories



SOUND TERMINAL™ DEMONSTRATION KIT



Demonstration board

+



STEVAL-CCA035V1

MEMS MICROPHONE DEMONSTRATION KIT



STEVAL-MKI126Vx

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STEVAL-MKI129Vx

+



STEVAL-MKI138V1

APW SCREENSHOT



ORDERING CODES FOR DEMONSTRATION KITS

Product type	Demonstration kits	USB interface board
Sound Terminal™ amplifiers	Product demonstration board: Refer to www.st.com/soundterminal	APWLink interface: STEVAL-CCA035V1
Digital MEMS microphones	STSmartVoice board: STEVAL-MKI126V1 (with MP45DT02) STEVAL-MKI126V3 (with MP34DT01) Optional MEMS microphone coupon boards: STEVAL-MKI129V1 (with MP45DT02) STEVAL-MKI129V2 (with MP34DB01) STEVAL-MKI129V3 (with MP34DT01)	STAudioHUB interface: STEVAL-MKI138V1

Note : demonstration kits also available through Digikey, Mouser and EVB distributors



www.st.com/apworkbench



www.st.com/memsmics



www.st.com/soundterminal



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