Far-Field Voice Controlled Smart Speaker Reference Design

- Powered by CEVA ClearVox front-end voice processing and WhisPro speech recognition SDK on a CEVA DSP
  - **ClearVox** provides direction of arrival, beamforming, noise reduction and acoustic echo cancellation
  - **WhisPro** speech recognition provides voice activation during music playback (barge-in)
  - Fully integrated multi-mic smart-speaker reference platform

- ClearVox software suite is available in two packages:
  - **ClearVox Universal** - targeted for smarthome, wearables and automotive applications
  - **ClearVox Headset** - optimized for headset applications

www.ceva-dsp.com