

# Cirrus Logic Immersive PC Audio Solution Easing Transition to the SoundWire® Interface

## World-Class Audio

- Louder, clearer voice
- For headsets or speakers
- Richer, deeper bass

## Built for PC

- Smaller
- Fewer components
- Lower power

## Frustration-Free

- Intuitive UI
- “Just works”
- Minimal complexity



The new Cirrus Logic PC-optimized audio solution is designed to deliver an immersive, next-generation audio experience while streamlining the OEM design process. The Cirrus Logic 55nm smart amplifier and SmartHIFI™ codec technology, with combined software, enable enriched speaker and headset audio experiences for both voice and media. This means loud, clear voice calls, immersive media with deep bass and punchy dynamics, with maximum transparency and minimum distortion.

Built specifically for PCs, the Cirrus Logic **CS35L56** smart amp and **CS42L43** SmartHIFI codec minimize hardware and software design complexity for OEMs. Scaling easily across products with different design constraints, such as varying speaker and processor types, the solution gives PC consumers an intuitive and frustration-free experience from value to premium notebooks.

## DELIVERING UP TO:



**2X Sound Pressure**



**2.25X Less Distortion**



**2X Bass**



**> 50% Smaller Solution**



**1/2 Octave Deeper Bass**



**50% Lower Power**