



• **QBS HD Suite Sound Solutions in ADI SigmaDSP ADAU1701**

EXPAMEDIA, Inc.

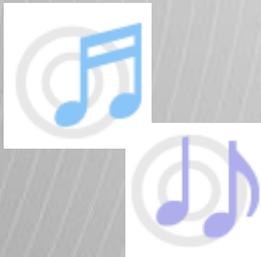
QBS Sound

QBS HD Sound Solutions :

Key Features of QBS HD

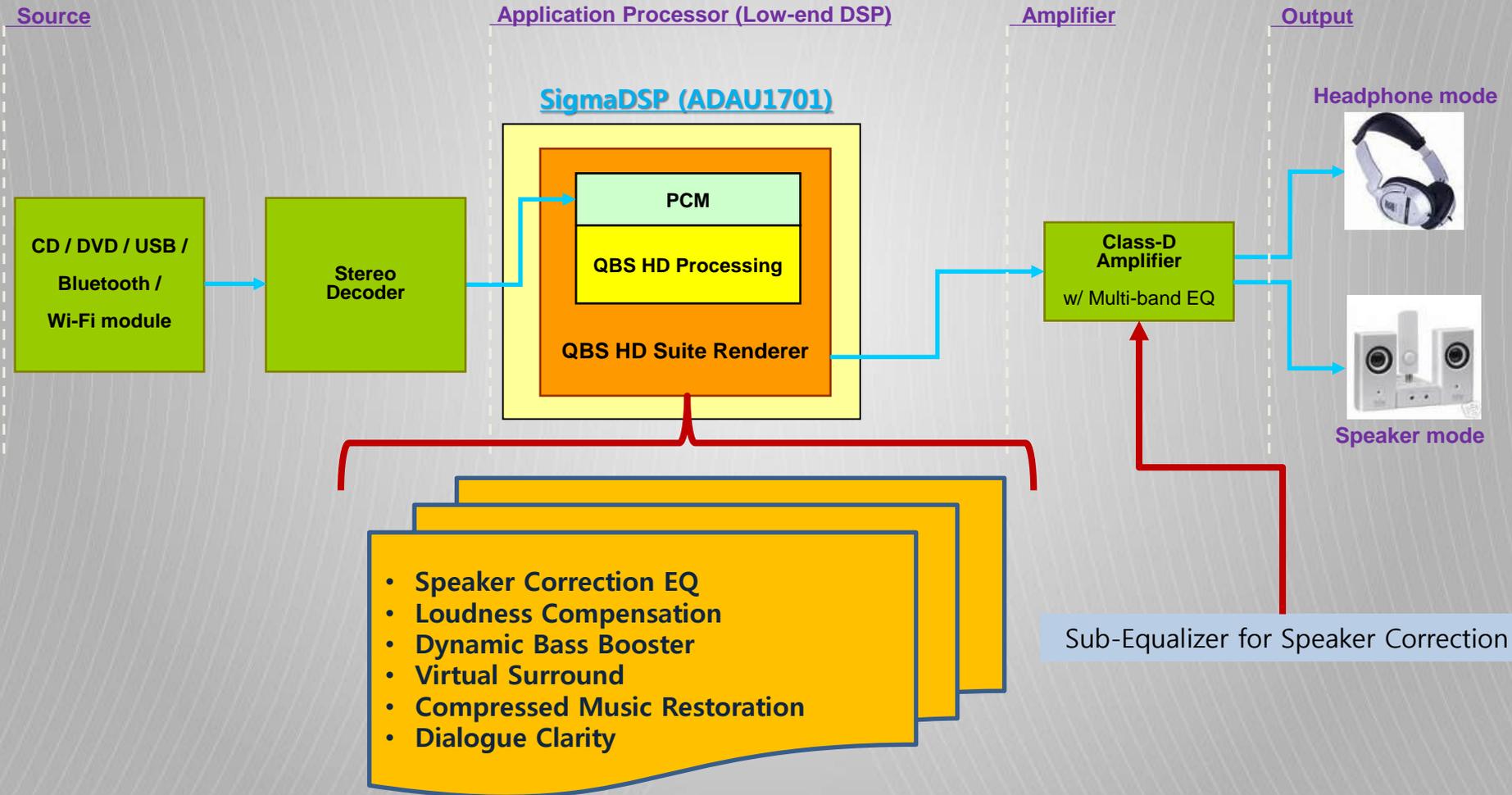
Contact

- *Speaker Response Correction Algorithm (PEQ & GEQ)*
- *Loudness Compensation*
- *Dynamic Bass Booster*
- *Virtual Surround Sound*
- *Compressed Music Restoration (MP3 Enhancement)*
- *Dialog Clarity*





• How to implement QBS HD Suite into SigmaDSP ADAU1701





• QBS HD Suite Sound Solutions in ADI DSP Family

QBS HD Suite	SigmaDSP	Sigma300	Blackfin	SHARC
Speaker Correction EQ Service	Available	Available	Available	Available
GEQ/PEQ	SigmaStudio by ADI	SigmaStudio by ADI	Yes	Yes
Loudness Compensation	Yes	Yes	Yes	Yes
Dynamic Bass Booster	Yes	Yes	Yes	Yes
Virtual Surround	Yes	Yes	Yes	Yes
Compressed Music Restoration	Yes	Yes	Yes	Yes
Dialogue Clarity	Yes	Yes	Yes	Yes
Auto Volume Equalizer	N/A	Available	Yes	Yes