



B r e a k i n g t h e B a r r i e r s o f S o u n d

July 2010

Who are we?

Founded: July 2006, Israel

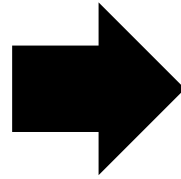
Employees: 6 (+2PT)

Management: CEO - Danny Lewin
CTO – Yuval Cohen
Chief Scientist – Shay Kaplan

Mission: Revolutionize Sound Reproduction

Investors: Global Properties
Yamaha Corporation
Global Alliance – Japanese Venture & BD fund
Benny & Lee Lau - founders ATI Technologies

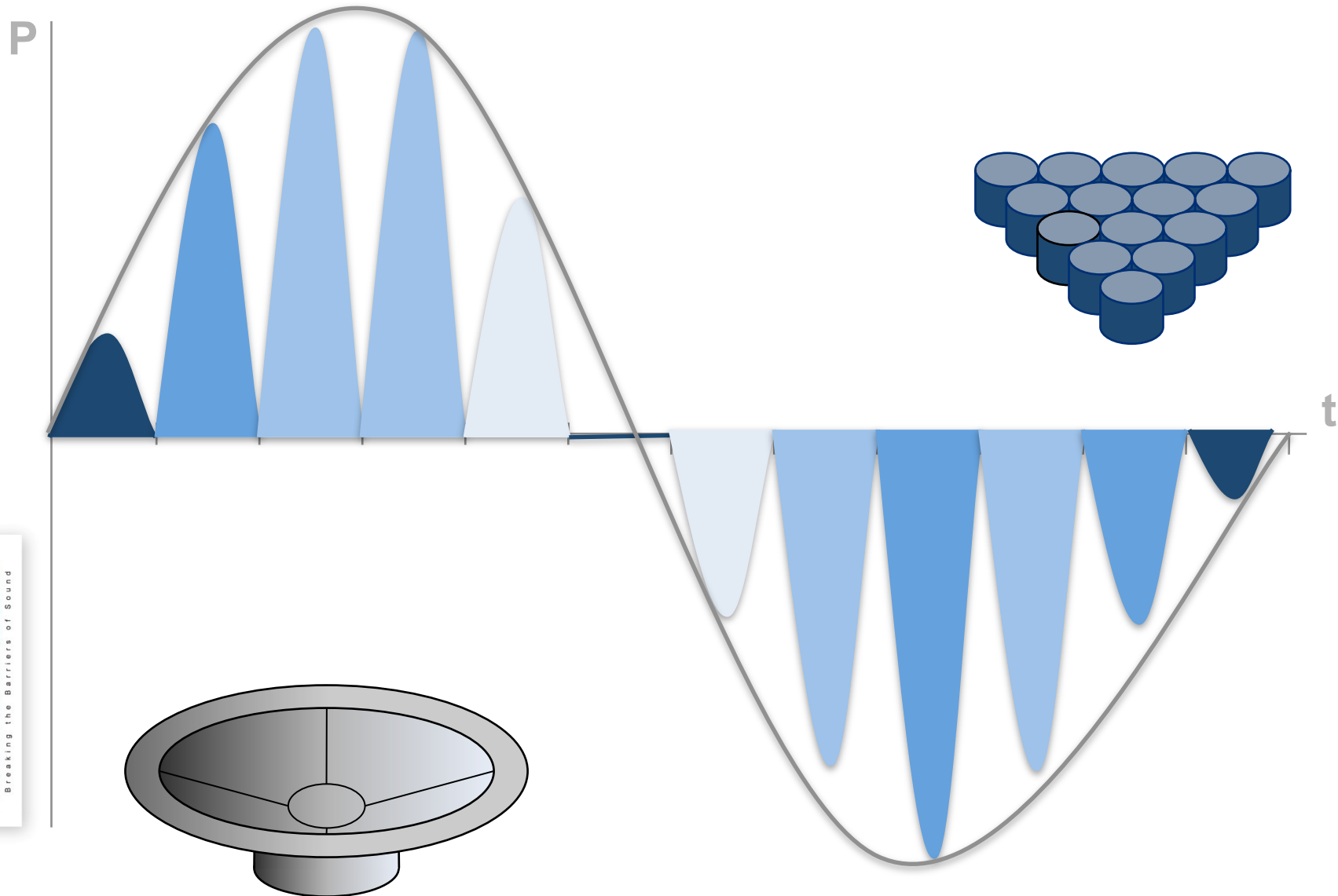
What is an Audio Pixels Speaker



audiopixels
Breaking the Barriers of Sound

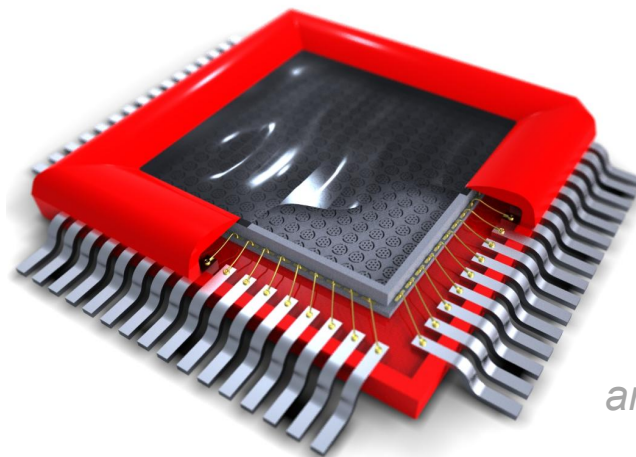
***Harnessing the advantages
of micro-scale physics to
the application of sound
generation***

How does Digital Sound Reconstruction (DSR) work?



The Product

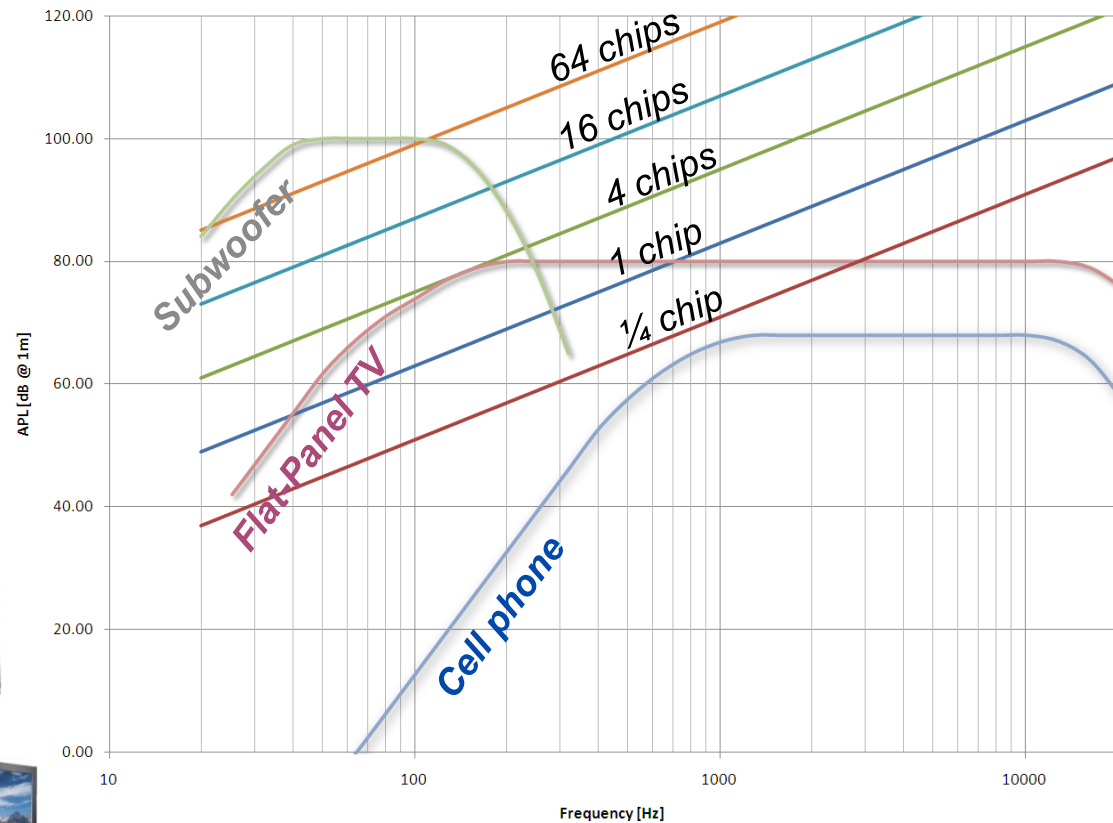
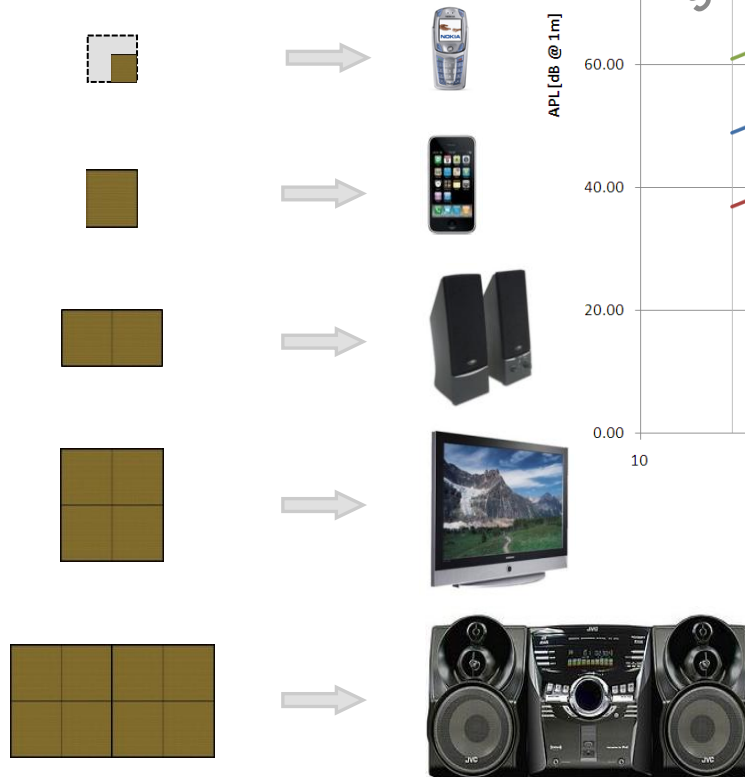
- A solid-state array of micro-electro mechanical actuators ("*pixels*")
- Acoustic waveforms generated by coordinated *pixel* movement
- Look-and-feel of a semiconductor chip
- Receives digital audio stream; generates hi-fi audio sound
- Cascading addresses different market segments
 - Single chip for low-end segments (e.g. cell phones)
 - Multiple-chip configurations for higher-end segments (e.g. TVs)



artistic rendition

Cascading Standard Chip for (most) All Applications

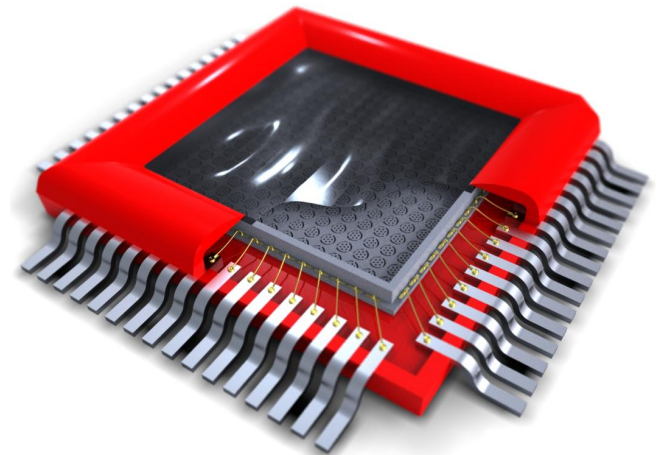
audionixels
Breaking the Barriers of Sound



Standard Chip size = 10 x 10 x 1.5mm
Mobile Speaker Chip = 5 x 5 x 1.5

Intellectual Property

- 9 Encompassing Patent applications (so far) 3 granted (so far) balance in various filing stages
- Guided by Reinhold Cohen Group Israel's largest and Leading International Patent firm
- Filings in 13 key legal regions (e.g. EU, USA, Asia-by country)
 - Comprehensive Fields of Application (sampling)
 - Geometries
 - Structure
 - Methods of actuation
 - Actuation control
 - Package
 - Volume control
 - Signal processing



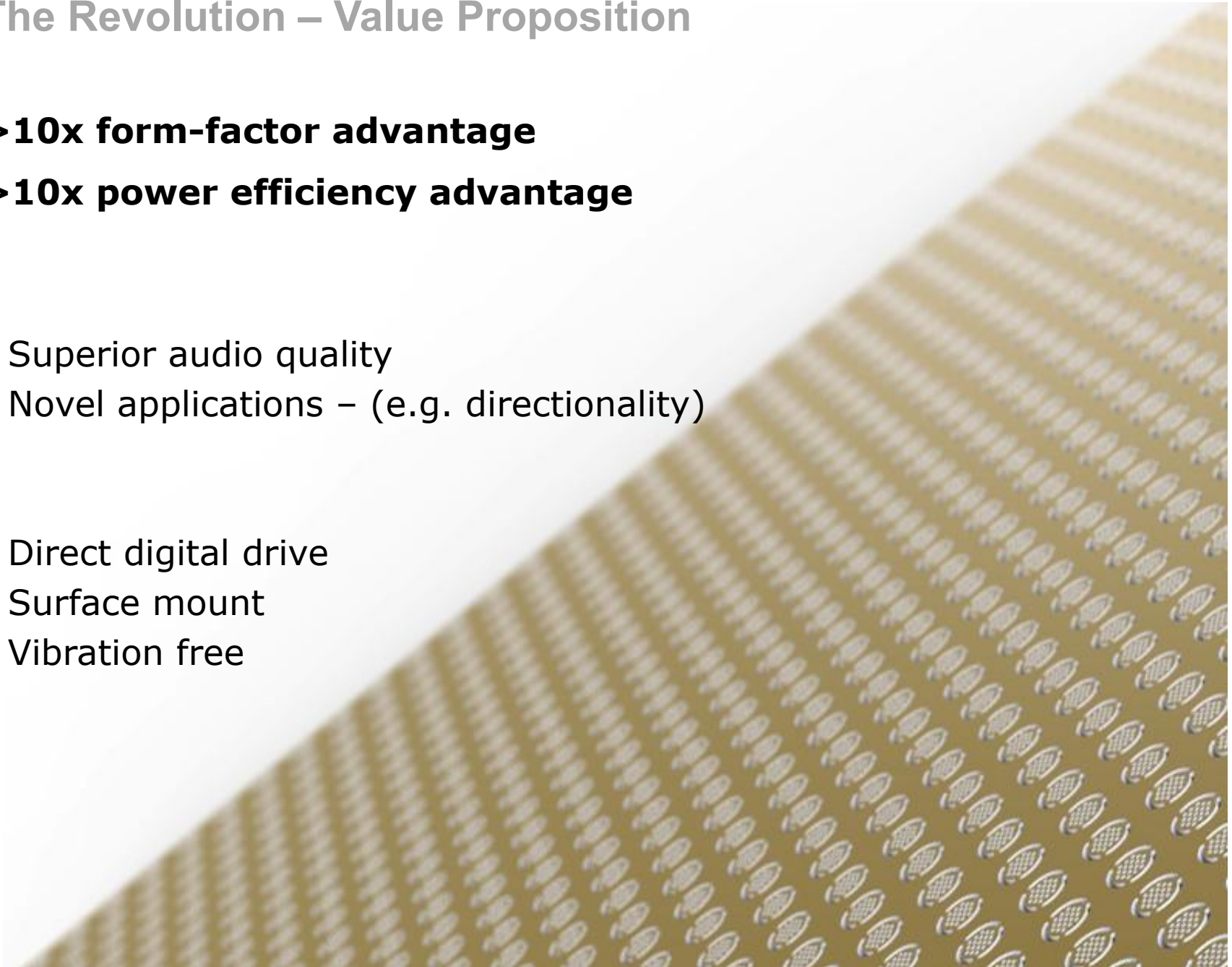
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The Revolution – Value Proposition

>10x form-factor advantage

>10x power efficiency advantage

- Superior audio quality
- Novel applications – (e.g. directionality)
- Direct digital drive
- Surface mount
- Vibration free



Real Cost of Audio to the Consumer

Size and Resource Constrained Devices necessitate

"Out-of-Box" Audio



Audio Pixels Cost of Audio to the Consumer

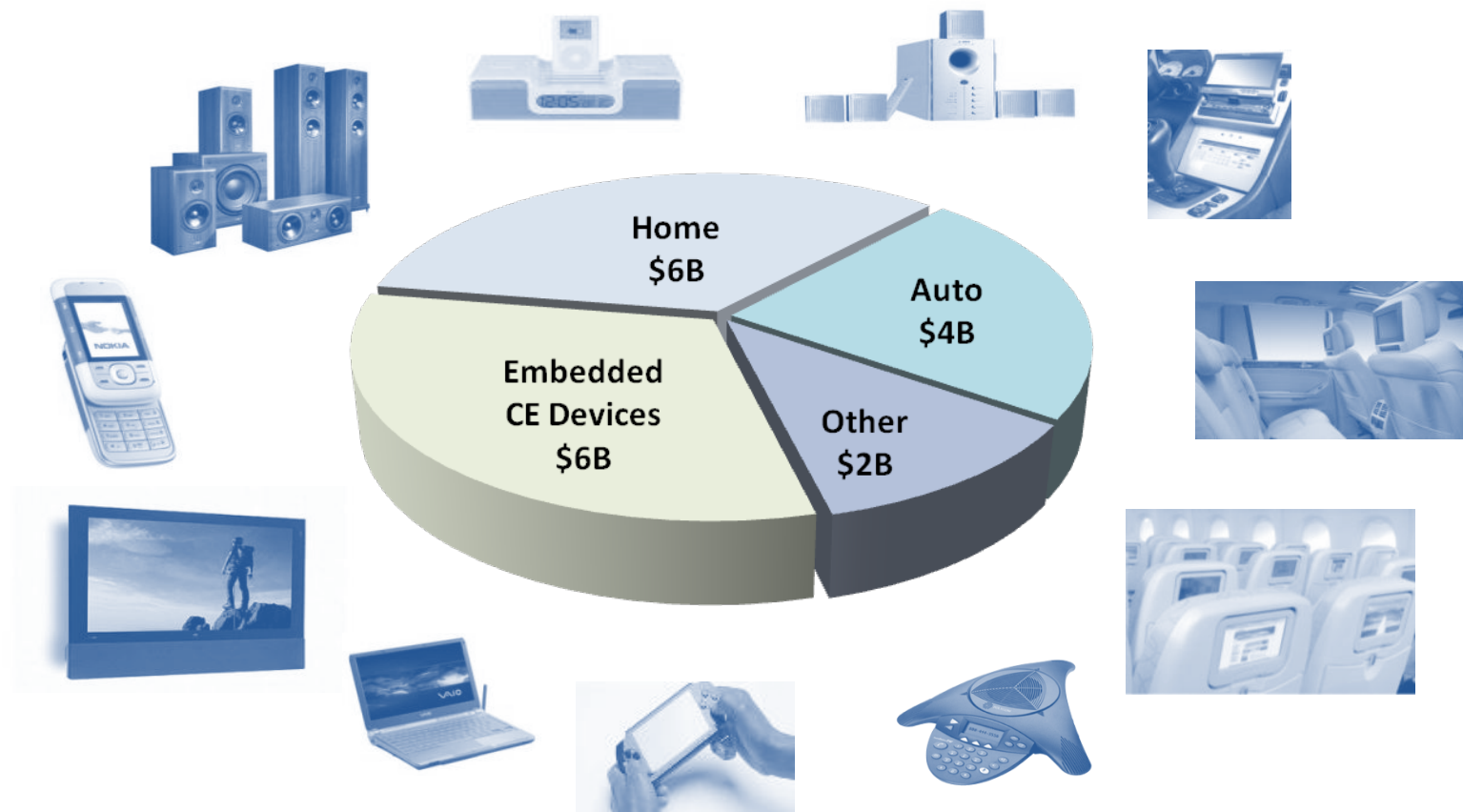
Better, More Convenient and Less Expensive

"Back-in-the-Box" Audio



Speaker Market

Billions of speaker drivers are produced and sold annually



Audio Pixels

- Game Changing Technology
- Strong IP portfolio
- Immense market opportunities in diversity of segments
- Technology and opportunity scrutinized by world leading manufacturers
- Confirmed product interest by world leading consumer electronic OEM's
- Committed, cohesive, skilled and experienced team