

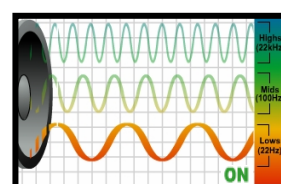
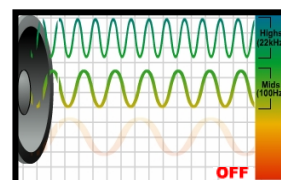
# AP8111



## SRS TruBass Audio Processor IC

### OVERVIEW

AP8111 is a bass enhancement processor based on SRS Labs' patented TruBass technology. TruBass enhances bass performance by utilizing proprietary psychoacoustic techniques. AP8111 delivers the perception of deep, rich bass and provides improvements in the low and mid-range audio frequencies. With AP8111, audio system designers can choose smaller and lighter speakers which cut costs dramatically, while the richness of bass in audio source is still maintained. Advanced TruBass filter matches the bass response to speakers with a wide range of resonant frequencies, making AP8111 highly suitable for portable devices with speaker small in size to deliver bass that is amazingly full and alive.



### APPLICATIONS

- Docking system
- Mini or micro stereo sound system
- Boombox
- TV set

### FEATURES

- Creates deep and rich bass perception and delivers amazing bass performance
- Lowers manufacturing cost for audio systems without sacrificing bass performance
- Highly suitable for portable device with speakers small in size
- TruBass level control and bass gain control
- Bypass function
- Operating voltage: 2.5V to 5.5V

### SYSTEM BLOCK DIAGRAM

