



## **High Speed FFT based Audio MORPHING Processor using VHDL**

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*Abstract*— Like image morphing, speech morphing aims to preserve the shared characteristics of the starting and final signals, while generating a smooth transition between them. For performing voice morphing we take a source voice and a targeted voice after applying FFT to extract the feature difference and store it in RAM then for morphing FFT source voice is applied to it and feature different is applied on it.

*Keywords*-Voice Morphing, FFT, RAM.

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