Abstract

In this paper we present an implementation of karaoke machine for vocal. Karaoke is a form of entertainment in which users sing a song along with recorded music using microphone. In our first step we have successfully designed a karaoke machine in Simulink using subtraction method. After that we have implemented on TMS320C6713 DSP processor in real-time environment. A Simulink model is linked to code composer studio through embedded target and Real Time workshop facility to generate corresponding C code. The generated C code is used for the DSP processor to perform Karaoke Machine.

References

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Index Terms
Computer Science
Signal Processing

Keywords
Karaoke Machine  TMS320C6713  MATLAB  Simulink