

SOFTWARE DESIGN OF TFZPW GENERATOR DIGITAL EXCITATION VOLTAGE SYSTEM

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Abstract

The excitation voltage generator system is to ensure stable and accurate output voltage critical systems. Considered the instruction and structural characteristics of TMS320LF 2407A chip, according to different functions of the excitation system, software of excitation system is designed. The feasibility and stability of the system was verified through an experiment, digitized excitation voltage system is achieved.

Keywords: excitation voltage regulation system; software design; digital