

DIGITAL SWITCHING CONTROLLER FOR DC-DC CONVERTERS

INTRODUCTION:

DC-DC converters are electronic devices. It's used whenever there is a need to change DC electrical power from one voltage level to another, in an efficient manner. Unlike an AC voltage DC cannot be just stepped down or stepped up. DC-DC convertor is DC equivalent to a Transformer.

Typical applications of DC-DC converters are where 24V(which is used for a 24V device) DC must be stepped down to 12V DC to operate a 12V device. Similarly 12V-3V DC & 5V-2V conversion.