8x8x8 LED Cube Implementation
with Bluetooth Interface

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Abstract

In order to apply the theory learned during the university coursers and labs, we designed the hardware and software for the 8x8x8 Led Cube with 512 LEDS that can be commanded independently. The main capability of cube is to perform predefined animation and remote animation using the attached Bluetooth interface.

Biography

Tudor-Ștefan Alexe, it's a student at Technical University of Cluj-Napoca, fourth year of studies, interested into embedded software and hardware engineering. The main area of interest it's digital electronics applied into practical circuits, or possible commercial products.

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