Elevator Simulator Interface

Product Categories: Electronics, Engineering Equipment, Interfacing Cards, Interfacing Cards, Microprocessor & Micro-controller Lab, Microprocessor & Micro-controller Lab

Product Page: https://www.labappara.com/product/elevator-simulator-interface/

Product Description

Elevator Simulator Interface

This interface simulates the control and operation of an elevator. Four floors are assumed and for each floors, a key and corresponding LED indicator is provided to serve as request buttons and request status indicators. The elevator itself is represented by a column of ten LEDs. The motion of the elevator can be simulated by turning on successive LEDs, one at a time. The delay between turning OFF one LED and turning ON the next LED can simulate the "speed" of the elevator. The user can use different I/O lines to read the request status information, reset indicators and control the elevator (LED column).

The interface allows the user to write software for simulating the operation of the elevator. The software exercise could include priority schemes, different Service schemes.