One Digit Seven Segment Display

Design Description:

- This design is a driver circuit for one digit seven segments display.
- It converts BCD number to the number which is proper for seven segments displays.

Design I/O:

in: 4 bit hex. input

sevenSeg: 8 bit output for seven segments display



Design Behavior:

• It is full combinational circuit. Its truth table is below. Take BCD inputs as in and segment outputs as sevenSeg

