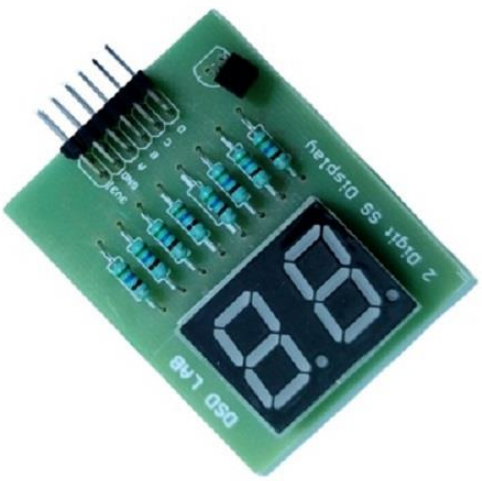
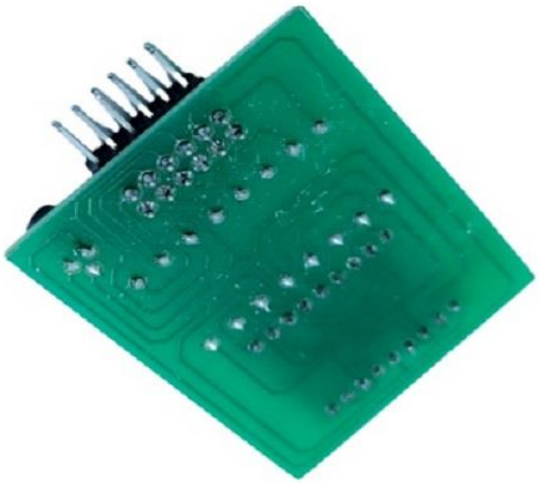
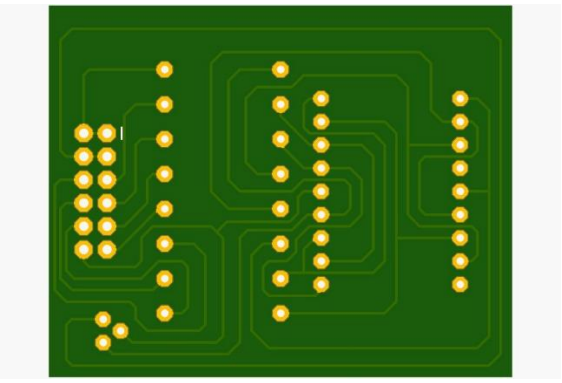
Two-Digit Common Cathode Seven Segment Display

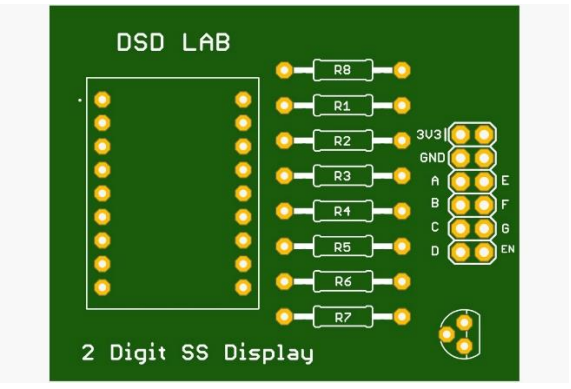
Seven segment displays (SSDs) are very useful in showing digital data from digital microcontrollers (Arduino, ESP8266, Raspberry Pi etc.) or from FPGA. This product is product is specially designed to be supported to FPGA as well as to any microcontrollers. There are two types of seven segment displays are available in the market. One is common anode and another is common cathode. In common anode type display, digits are enabled by active high signal. But in common cathode type display, digits are enabled by active low signal. There are seven LEDs in a single digit. Each led is enabled by active low signal in case of common anode and by active high signal in case of common cathode type. In a single module, there may be 2 or 4 digits as requirement in an application. Here, in this product we have used two digits which are enough for many applications. The images of this product are shown below





This module is based on a simple principle of switching digit enable signal. Digit enable signal is switched by a simple inverter which is made of a NPN transistor and resistor. The PCB blueprint shown below for reference to the users.





Details about the product can be found in the following link

https://digitalsystemdesign.in/product/common-cathode-2-digit-seven-segment-display-module/