

1. **Seven segment display:** As here we are making traffic light project so we should have one 7 segment display for count down the numbers:

2. **Three LEDs:** As for making prototype of traffic light we are here using 3 LEDs of different color, red color to stop the vehicle, yellow color for warning and green color to move on.

3. **AVR ISP USB Programmer:** This programmer is a generic stand alone hardware tool allowing you to read and write many AVR based ATMEL micro-controller.

4. **Some Jumper Wires:** We need some jumper wires to make the connection among each devices.