

Introduction & Project Objective

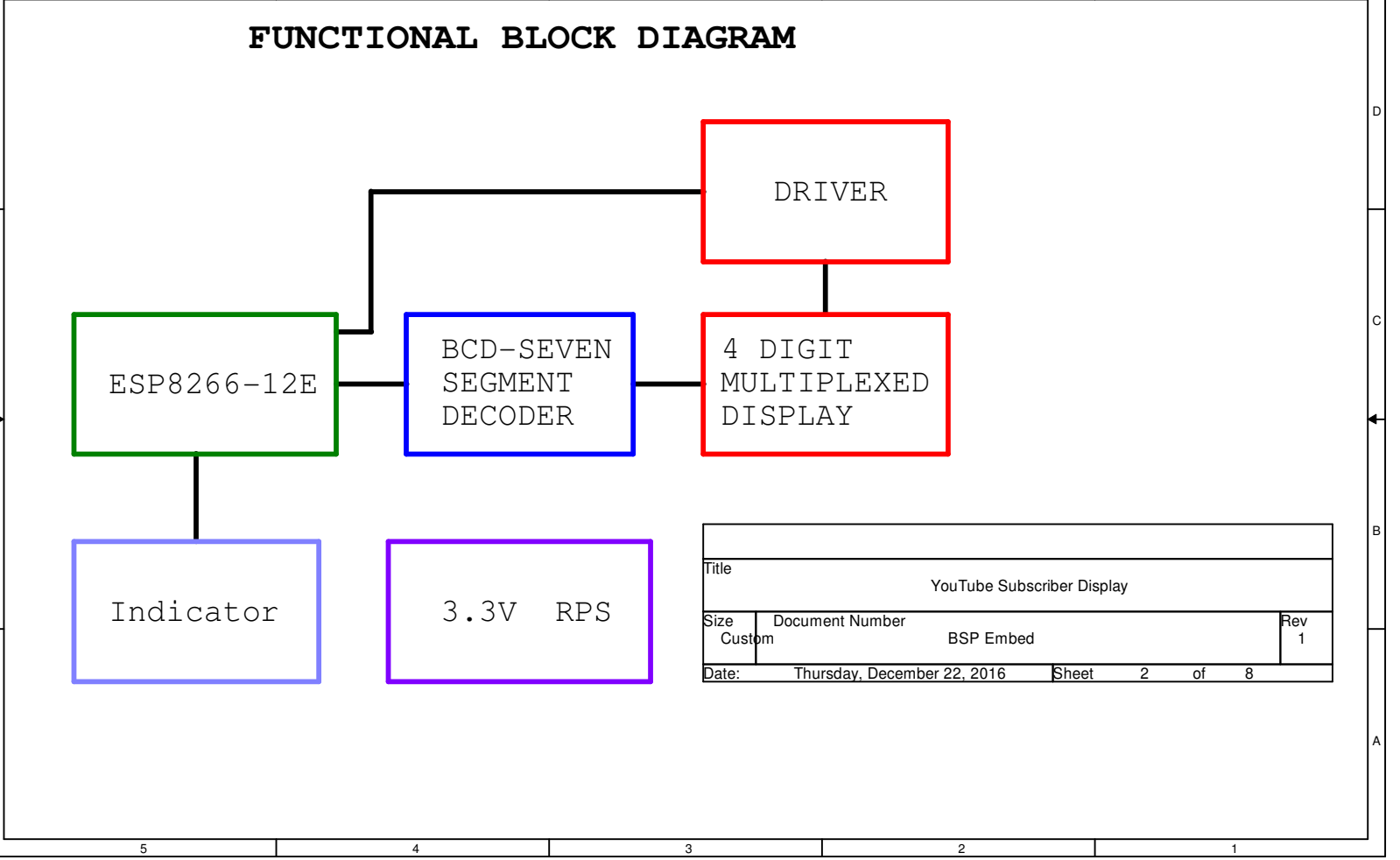
As a YouTube content creator, you are eager to get first 1000 subscribers at the earliest. Because of this, you will continuously monitor the subscriber count.

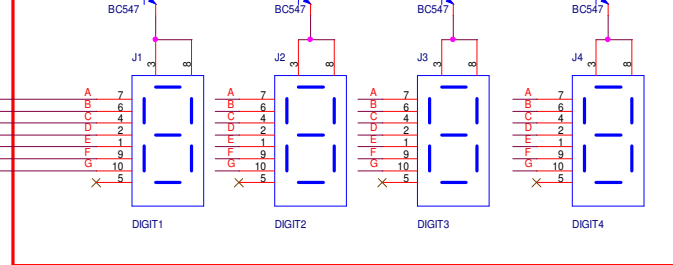
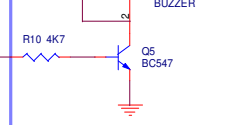
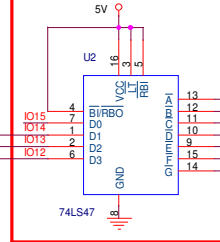
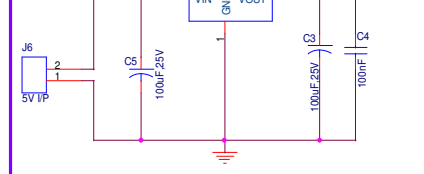
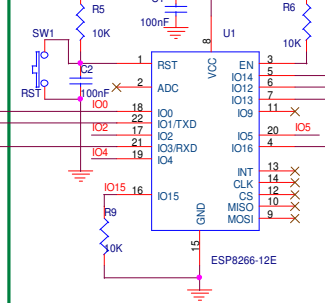
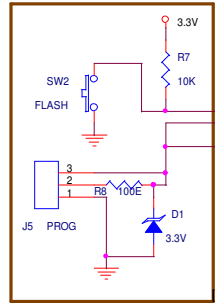
Let's design very handy application where you can monitor the subscriber count without logging into the computer.

By using YouTube API, and our dear WiFi module ESP8266 and 4 seven segment display, we can monitor the subscriber count.

The system can also be used for displaying internet clock, Weather forecast, & live scores.

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YouTube Subscriber Display			
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Setup Procedure

The first thing was getting an API key from <https://console.developers.google.com/>

Create an application

On the API Manager section, go to "Credentials" and create a new API key

Enable your application to communicate the YouTube Api

Make sure the following URL works for you in your browser (Change the key at the end!)

<https://www.googleapis.com/youtube/v3/channels?part=statistics&id=UCZpgTN2ZoU7c4iWRQmk2bTg&key=PutYourNewlyGeneratedKeyHere>

Once you do that, you are ready to begin using the Arduino Youtube Api & Arduino JSON Library

<https://github.com/witnessmenow/arduino-youtube-api>

<https://github.com/bblanchon/ArduinoJson>

Download it and install in arduino by going to Sketch->Include Library->Add a .ZIP library, and open the file you downloaded from the above link.

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