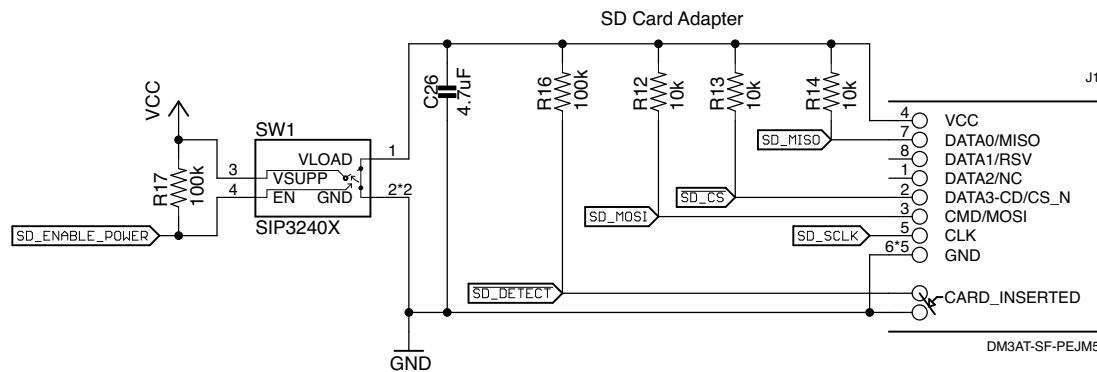
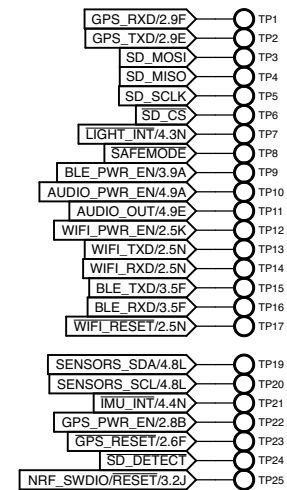
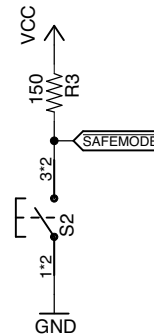
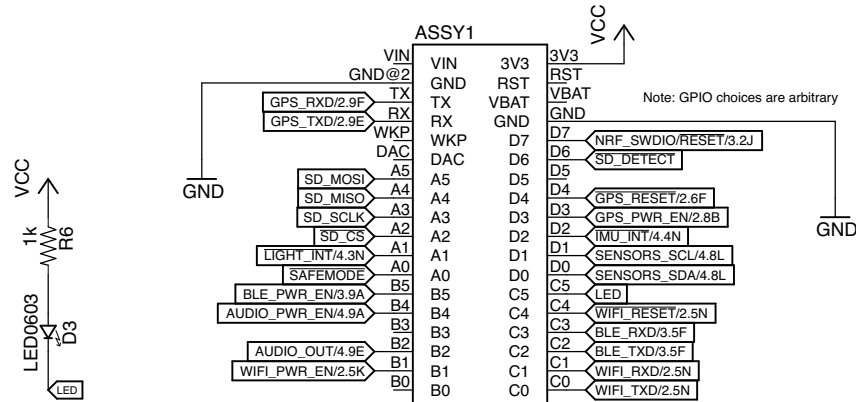


# Headers

## Electron headers



PlugWatch

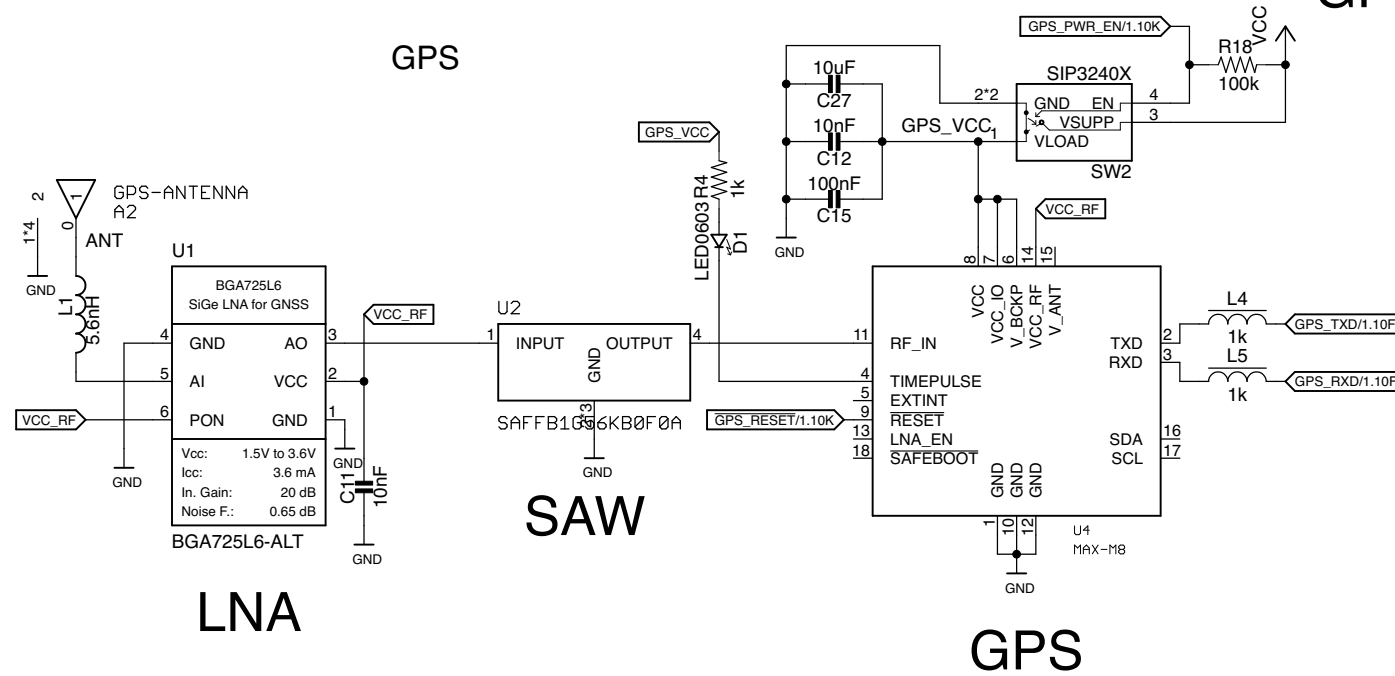
Author: Noah Klugman

Date: 1/22/18 11:46 PM

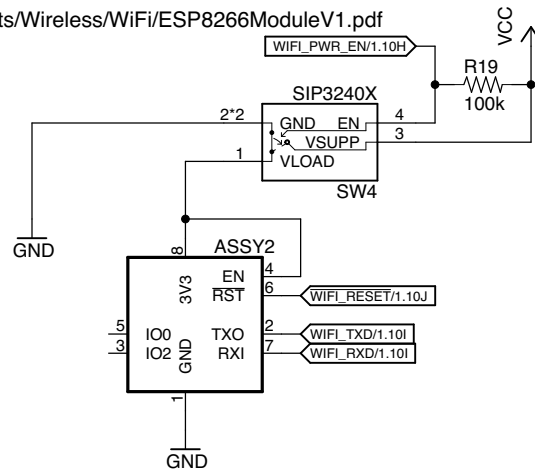
REV:  
B

Sheet: 1/4

# GPS and WiFi Radios



WiFi  
<https://cdn.sparkfun.com/datasheets/Wireless/WiFi/ESP8266ModuleV1.pdf>



PlugWatch

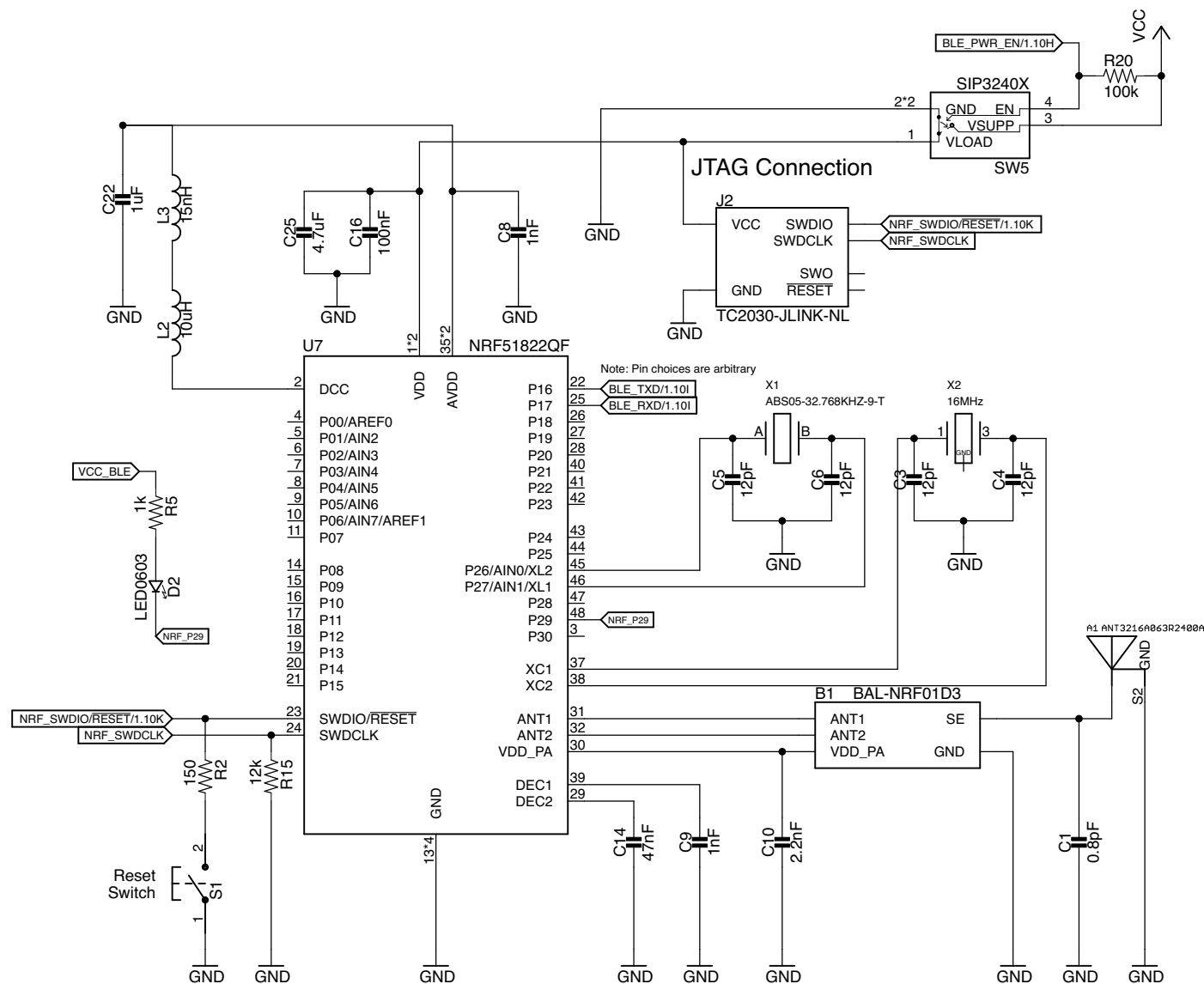
REV:  
B

Author: Noah Klugman

Date: 1/22/18 11:46 PM

Sheet: 2/4

# BLE Radio



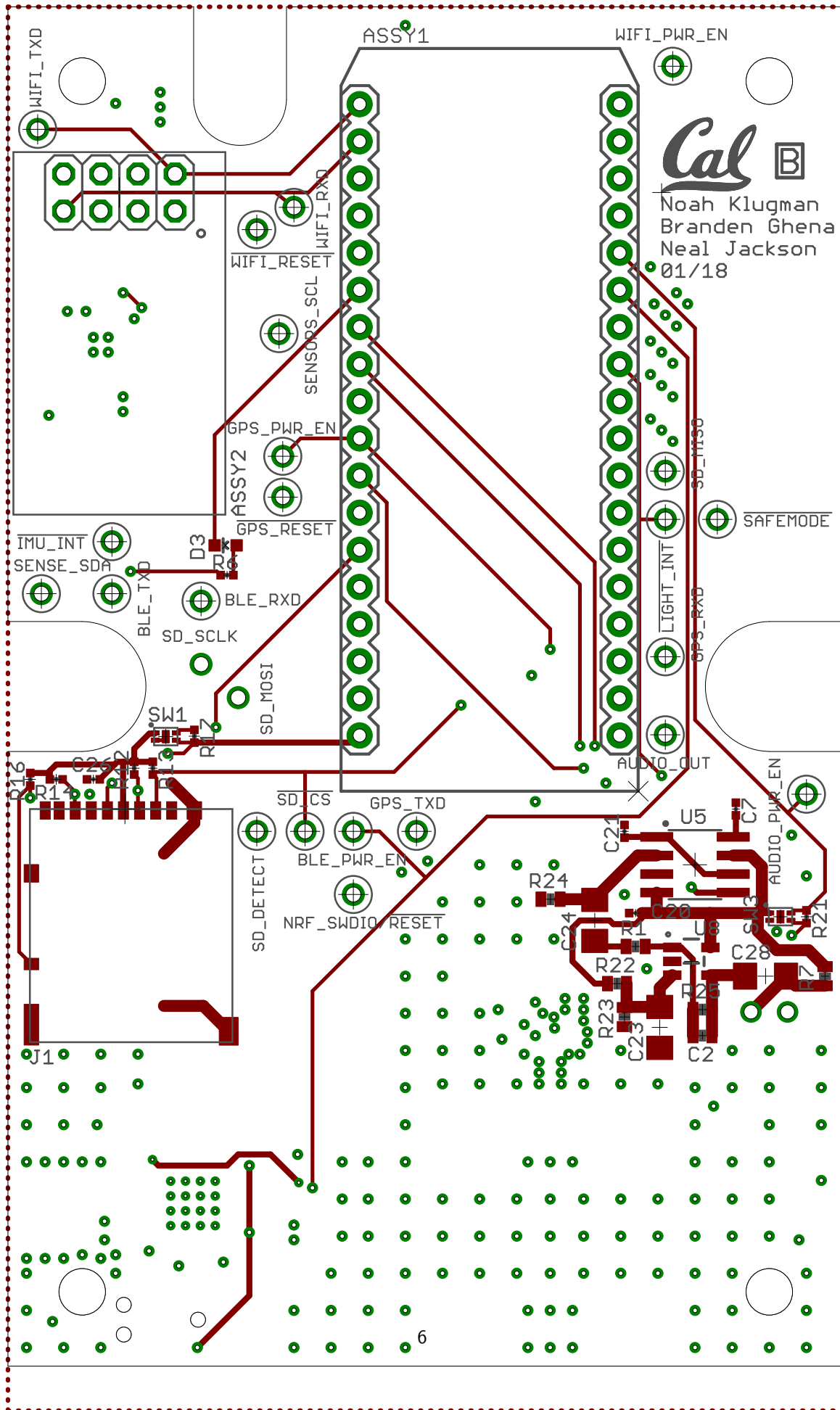
BLE Radio

PlugWatch		REV: B
Author: Noah Klugman		
Date: 1/22/18 11:46 PM		Sheet: 3/4

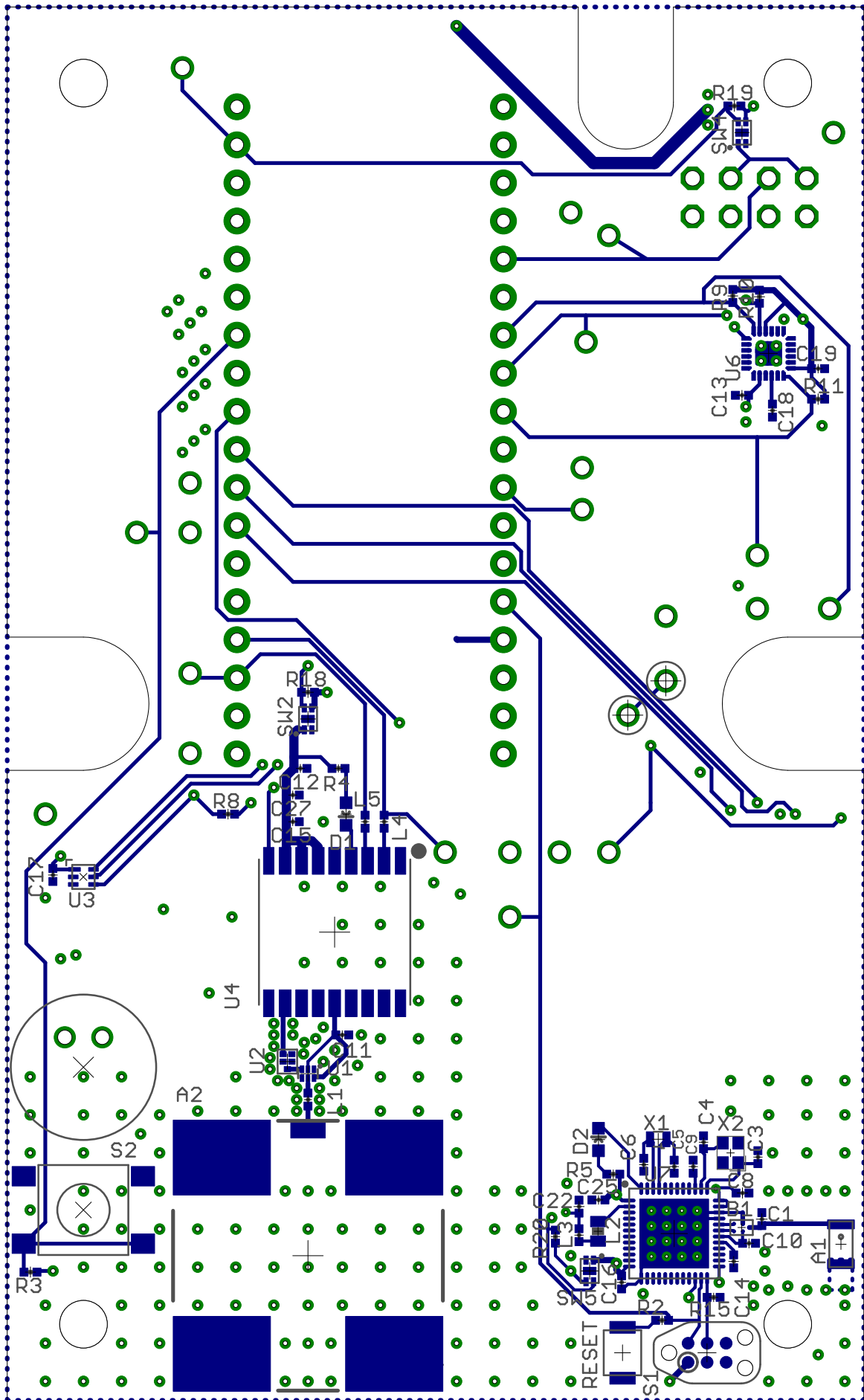




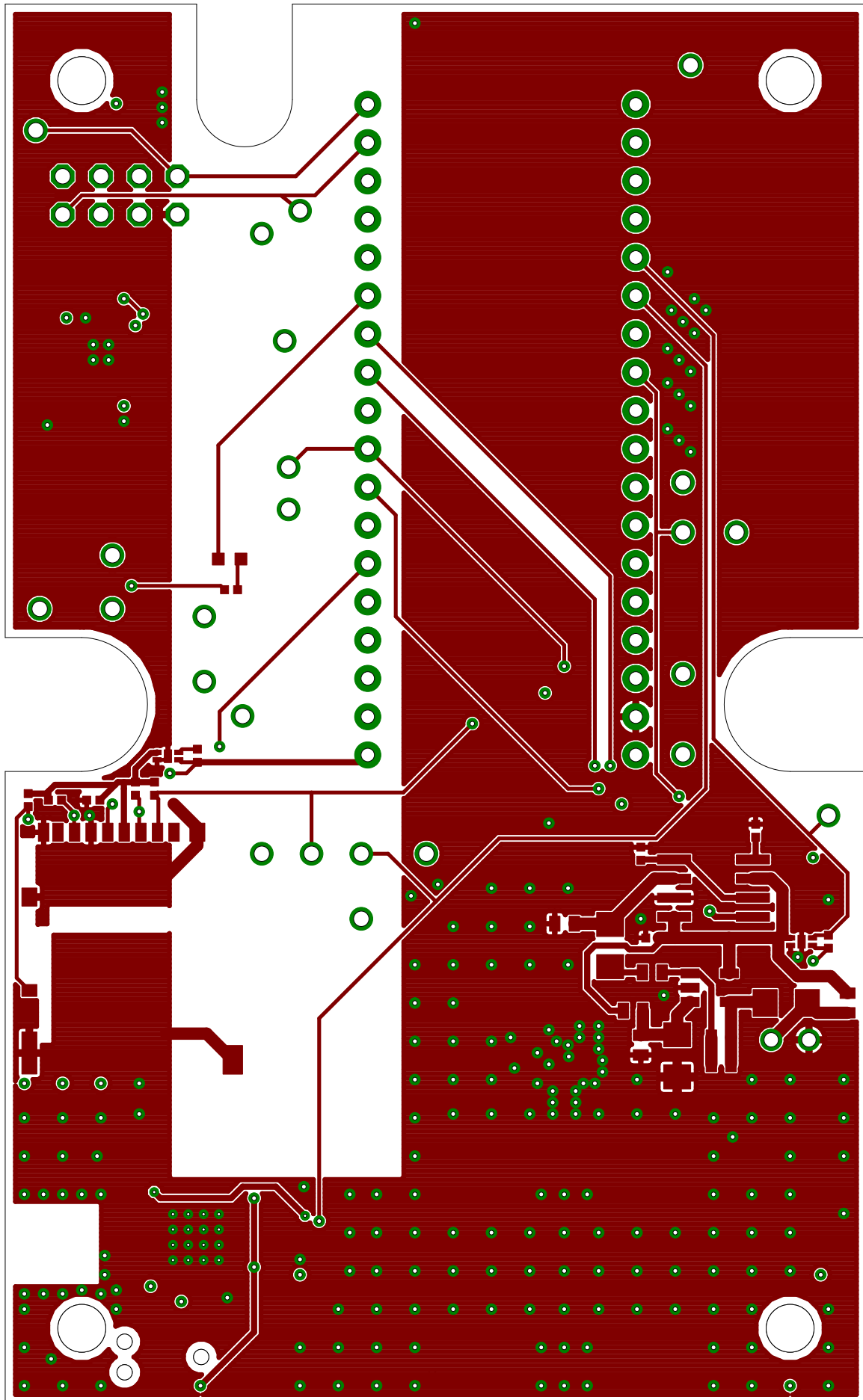
# Top Layer



Bottom Layer

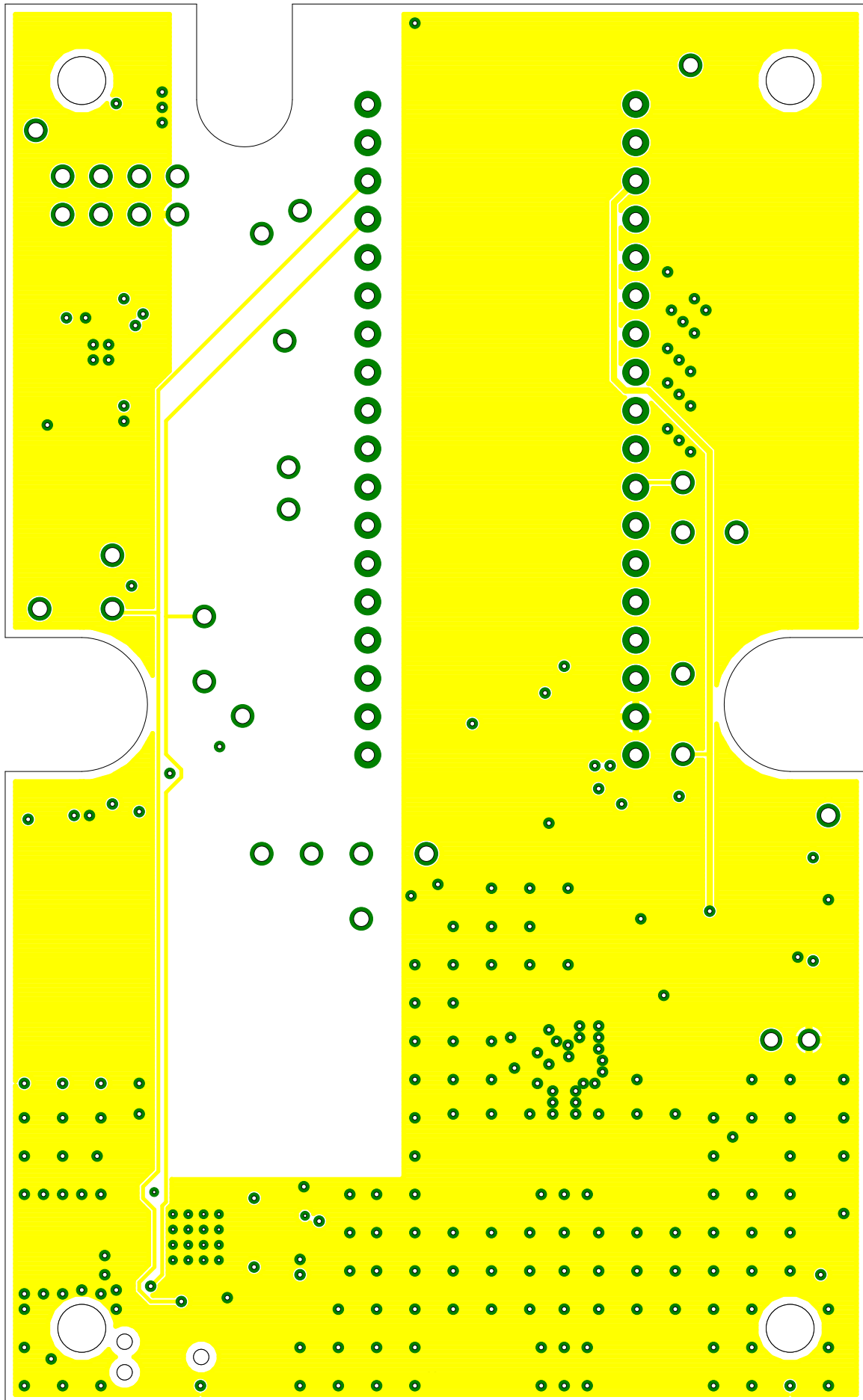


Top Copper Layer

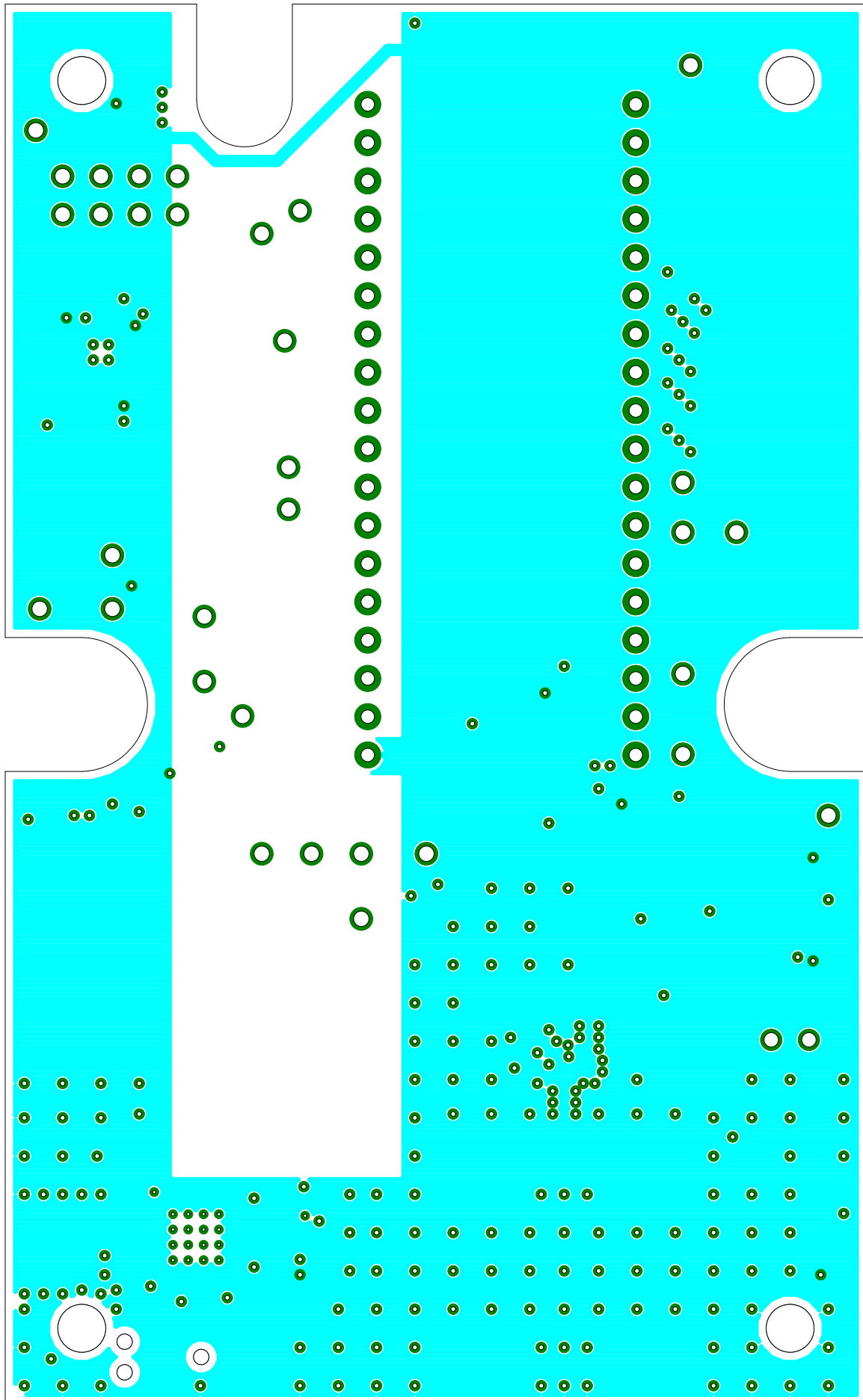




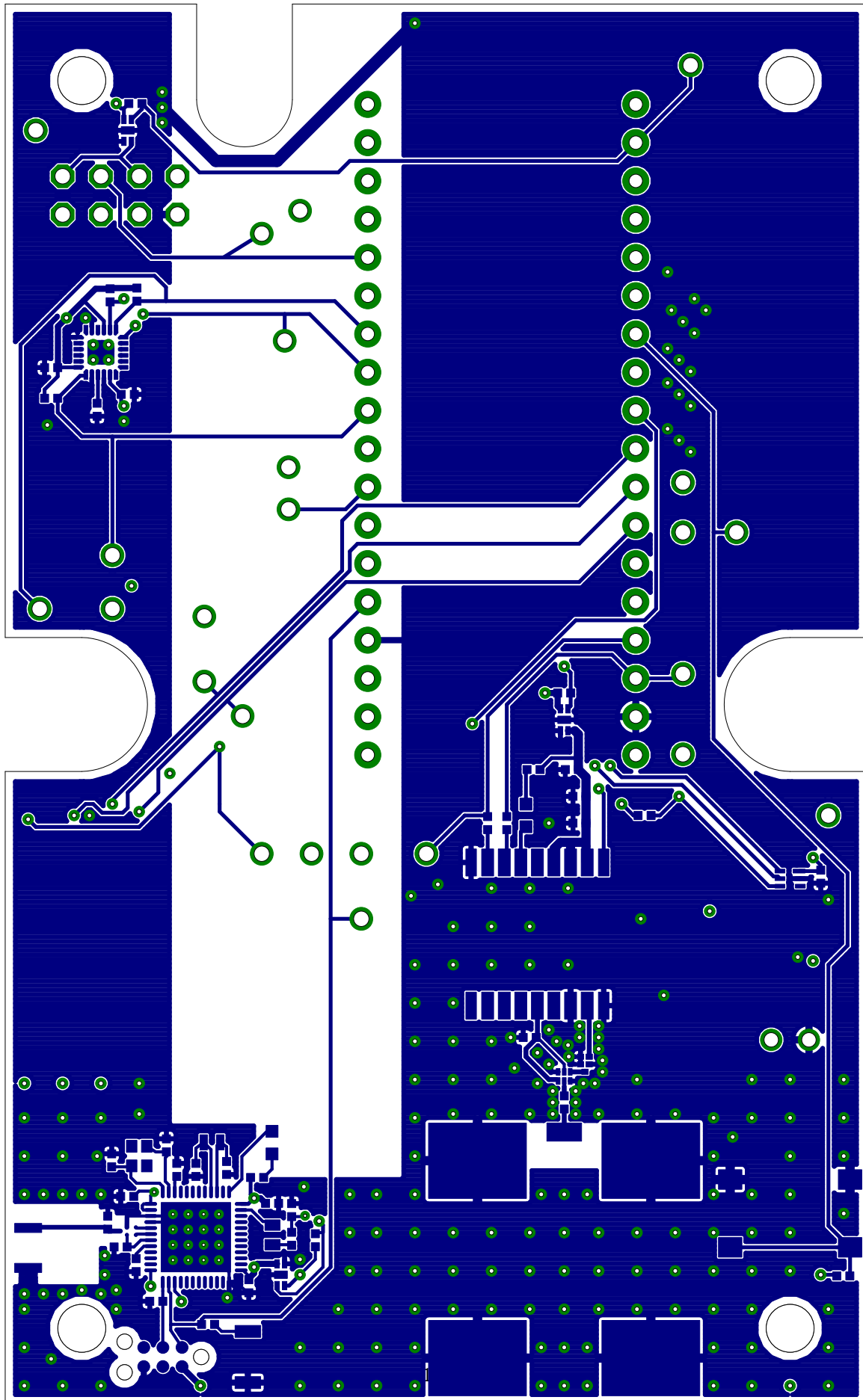
Layer 2 Copper

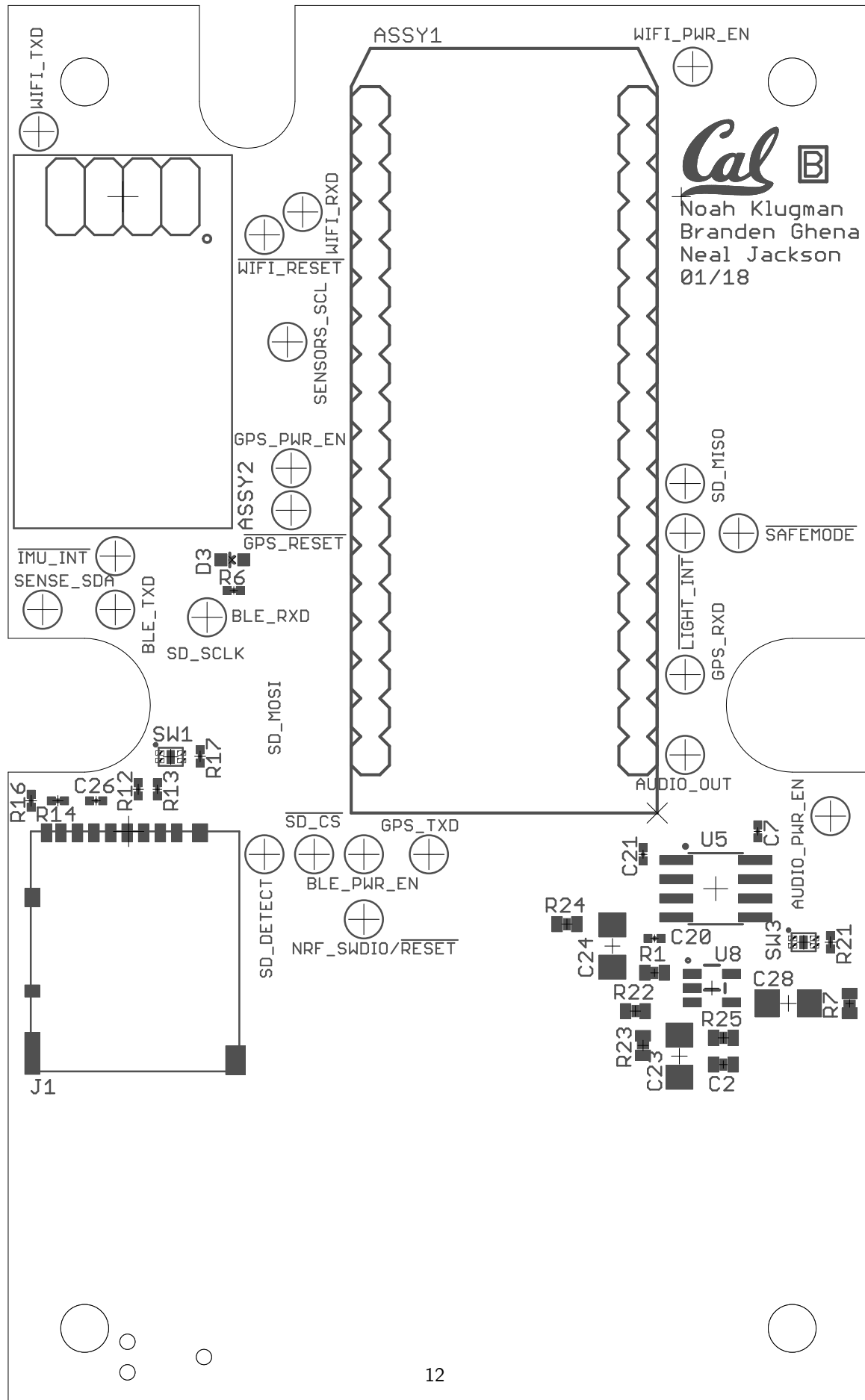


Layer 3 Copper



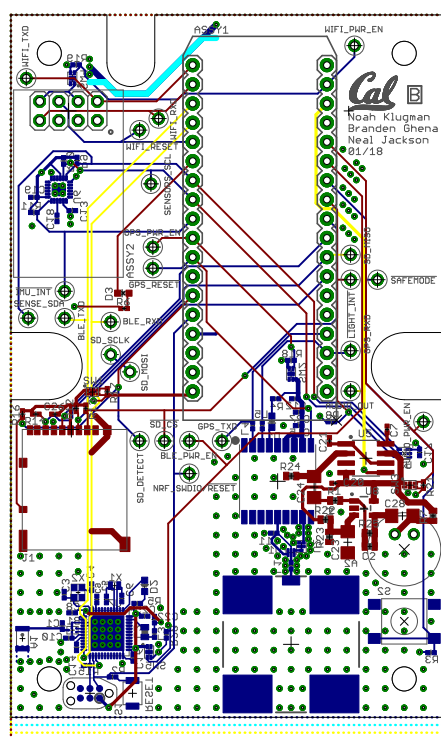
Bottom Copper Layer



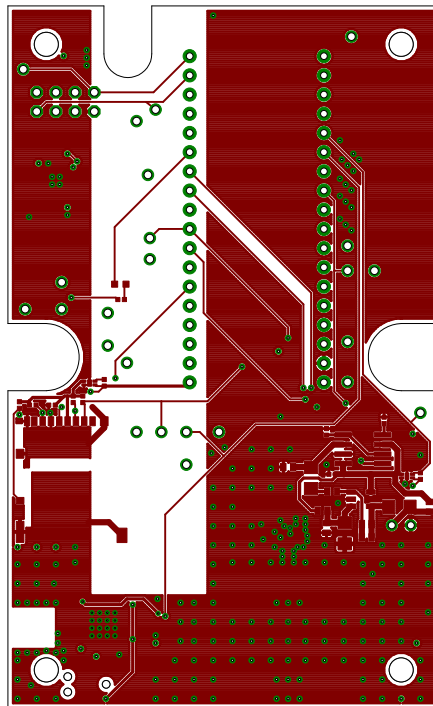


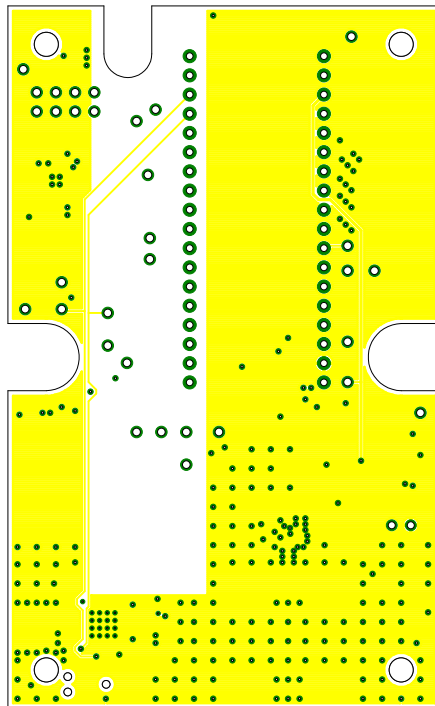
The image shows a detailed PCB layout for a microcontroller-based system. The layout includes a central microcontroller (U1) with various peripheral components like resistors (R1-R18), capacitors (C1-C19), and inductors (L1-L5). It also features a USB connector (U3), a reset button (S1), and a power switch (S2). The board has several mounting holes and a central cutout.

### Top and Bottom Layers 1:1 Scale

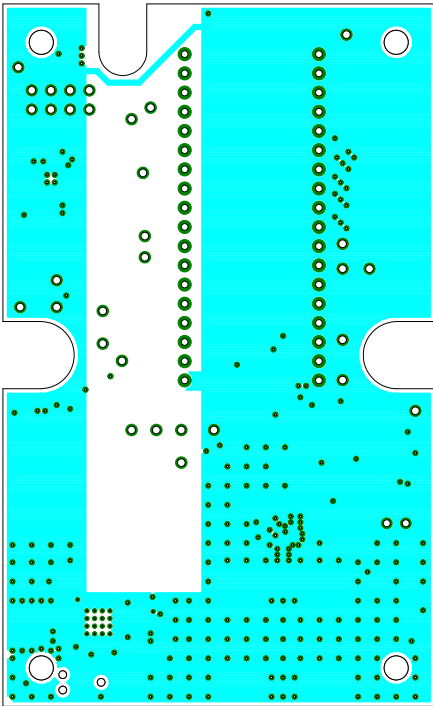


Top Layer 1:1 Scale









Bottom Copper Layer 1:1 Scale

