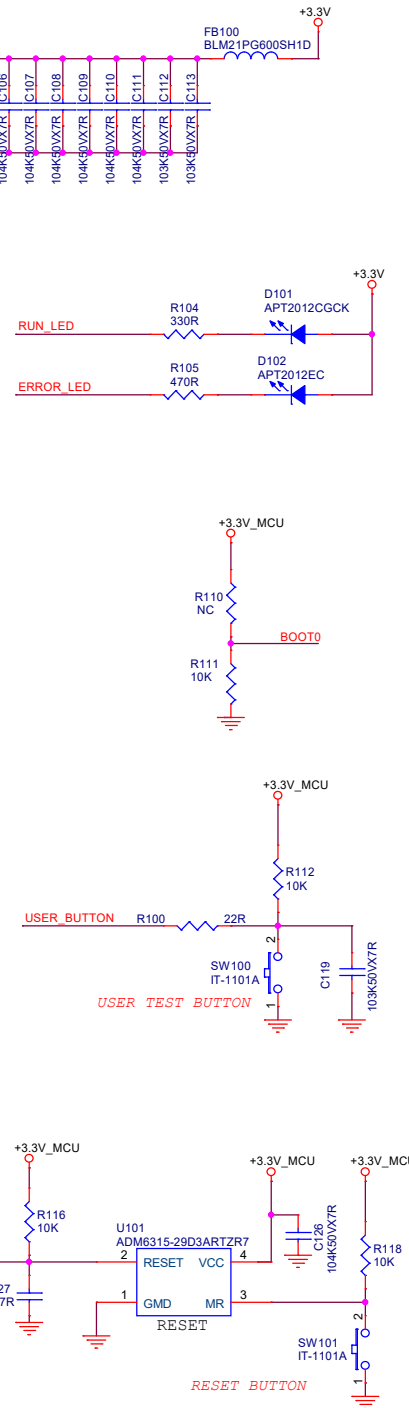
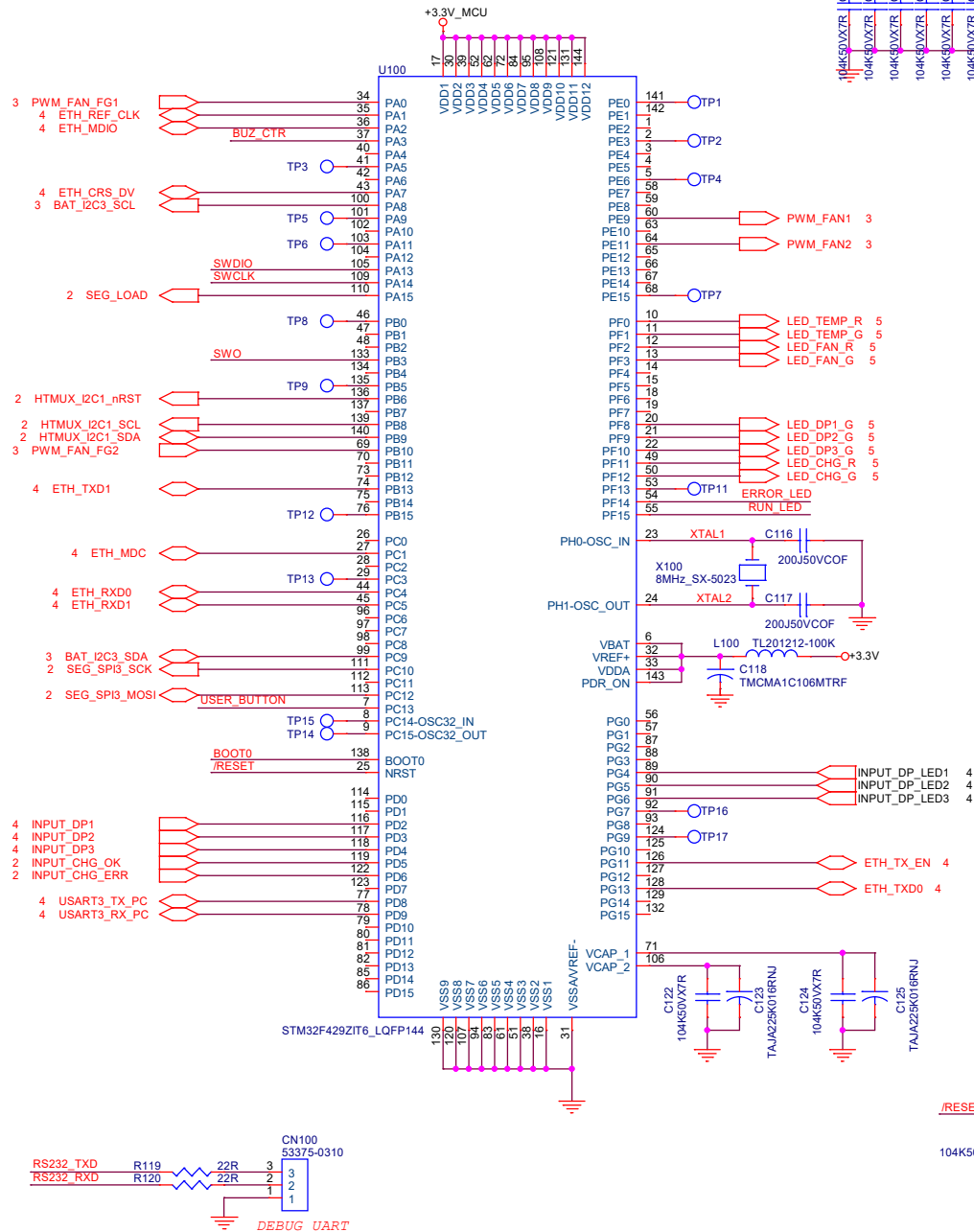
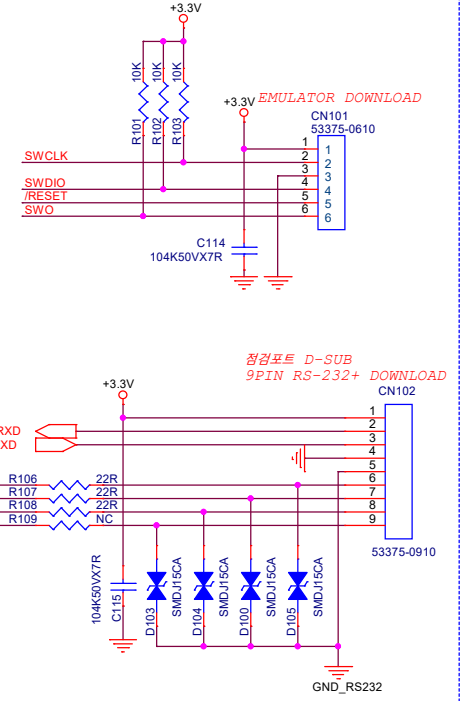


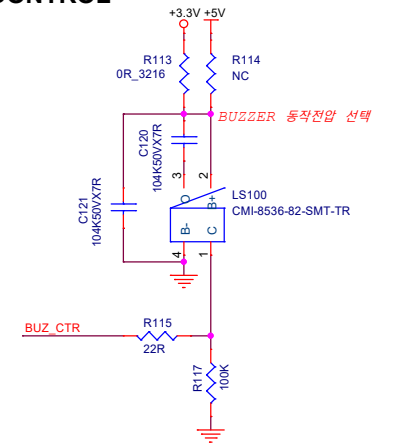
# STM32F429ZIT6 PIN 144 MCU



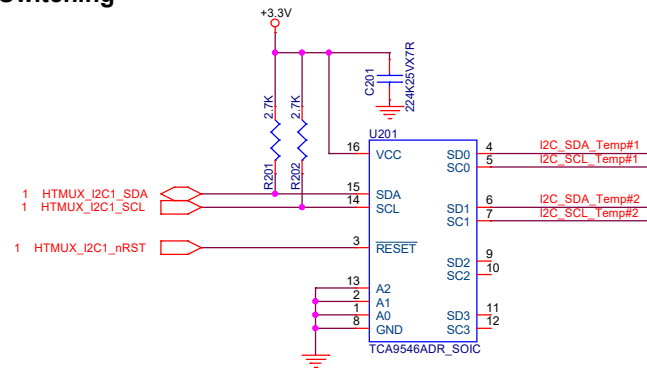
## DEBUG PORTS



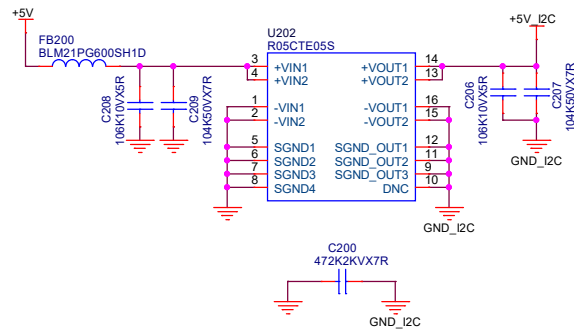
## BUZZER CONTROL



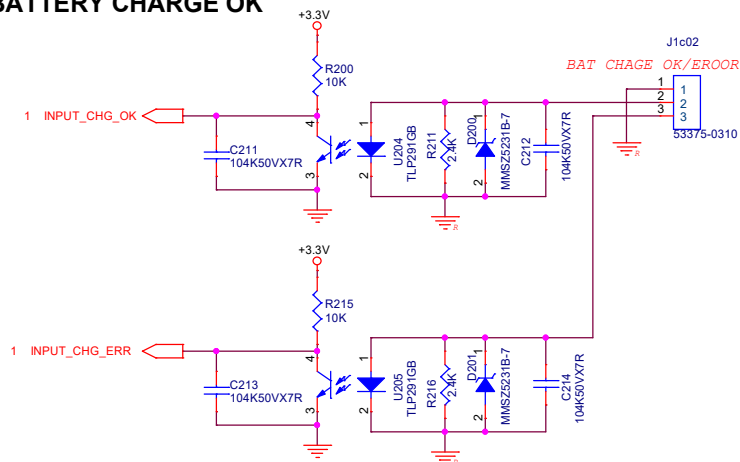
## I2C Temperature and humidity Switching



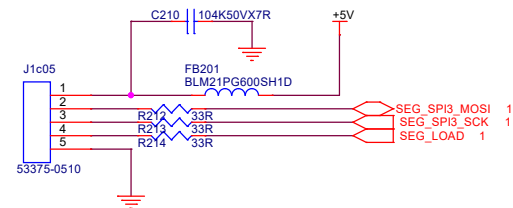
## I2C Temperature and humidity sensors Isolated DC-to-DC Converters



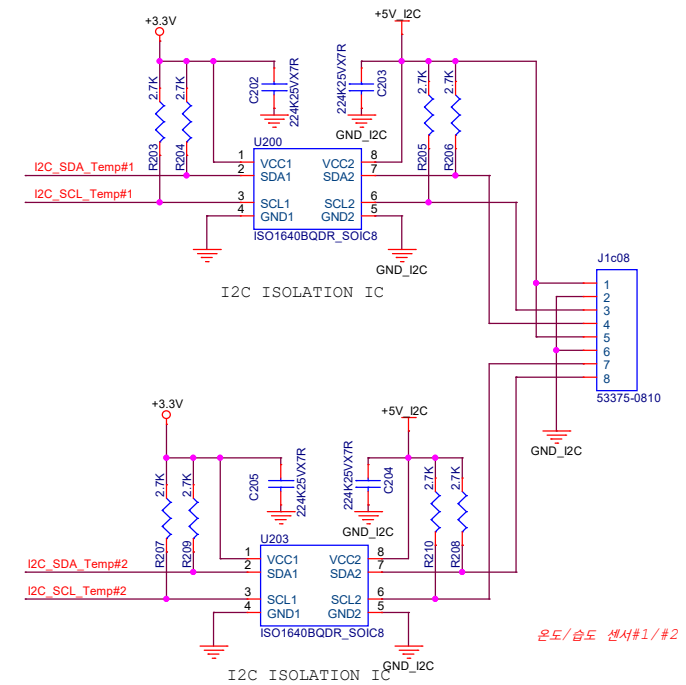
**BATTERY CHARGE OK**



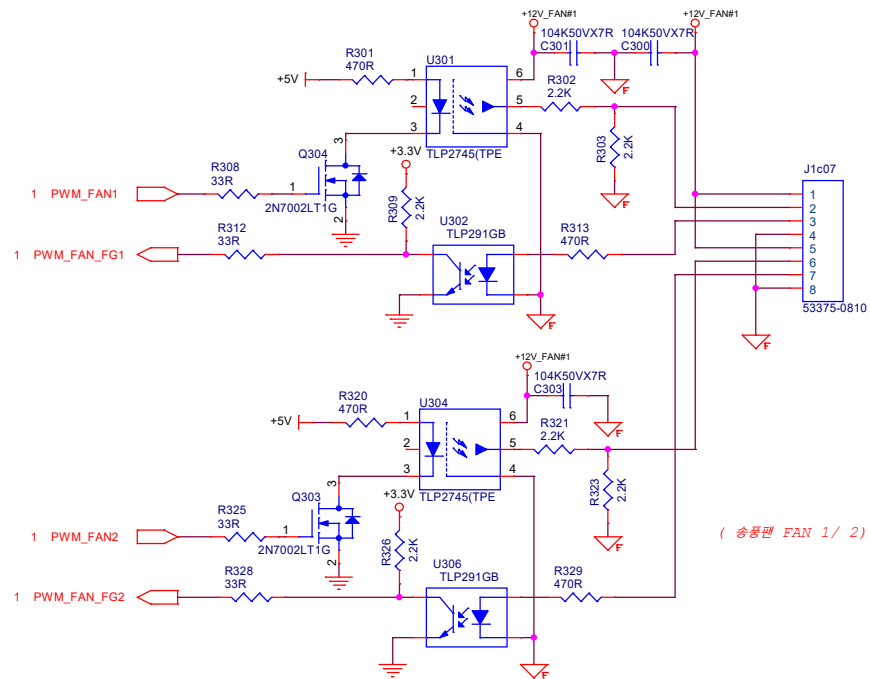
## BATTERY CHARGE 8 DIGIT\*3 LED DISPLAY SPI CONNECTION



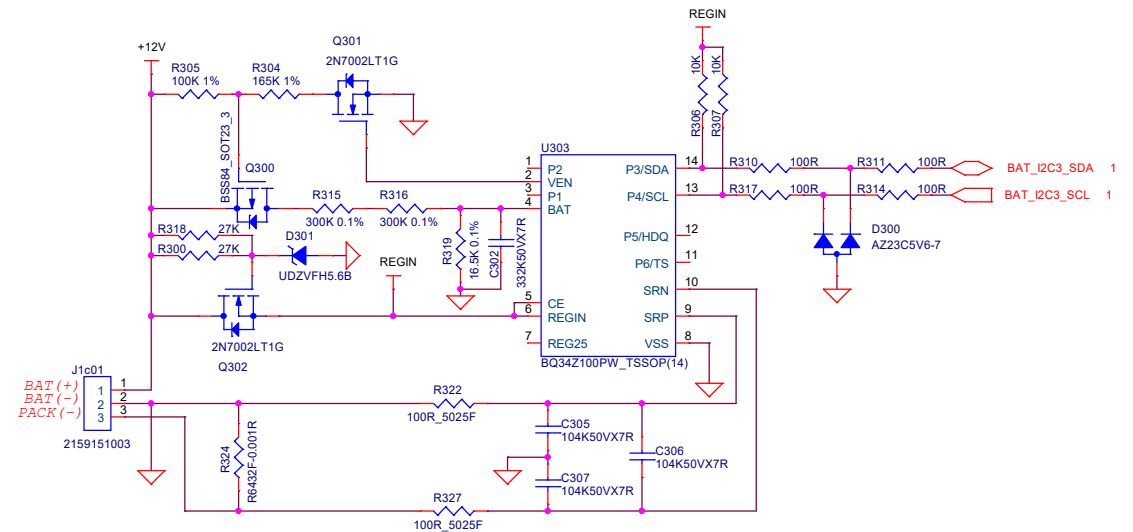
## I2C Temperature and humidity sensors Isolated



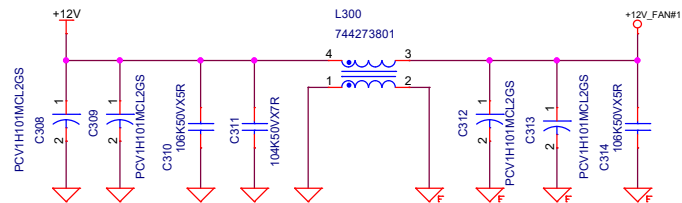
## PWM & SENSE FAN CONTROL 1, 2



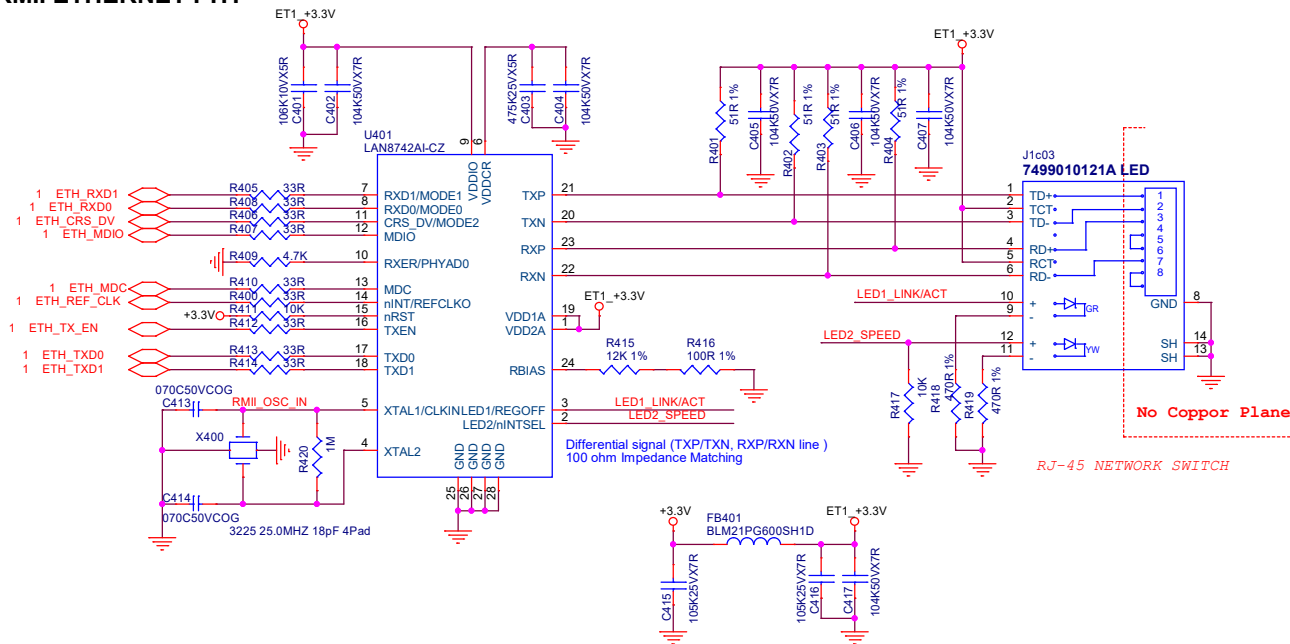
## BATTERY FUEL GAUGE



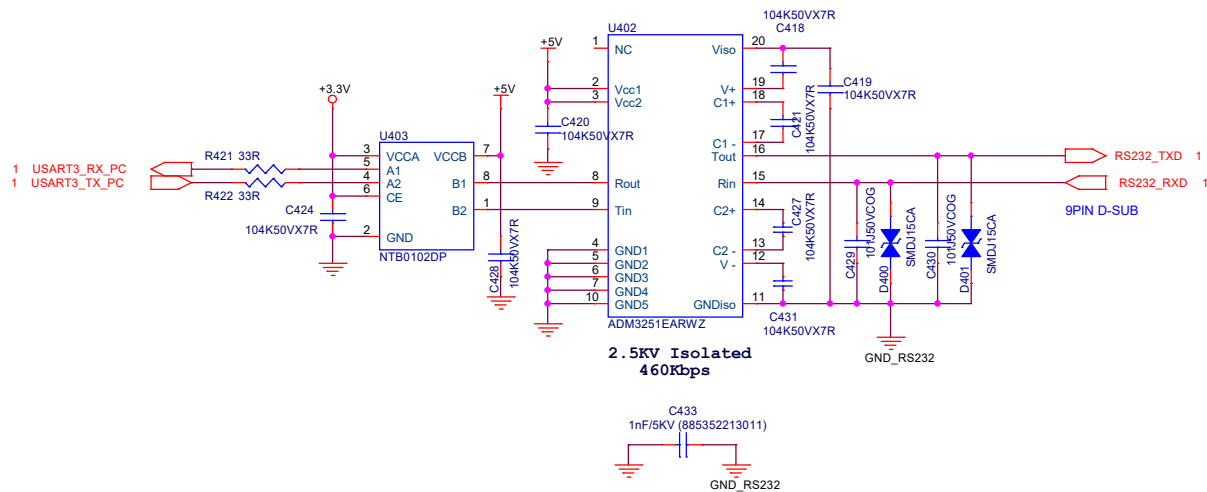
## 12V FAN MOTOR POWER



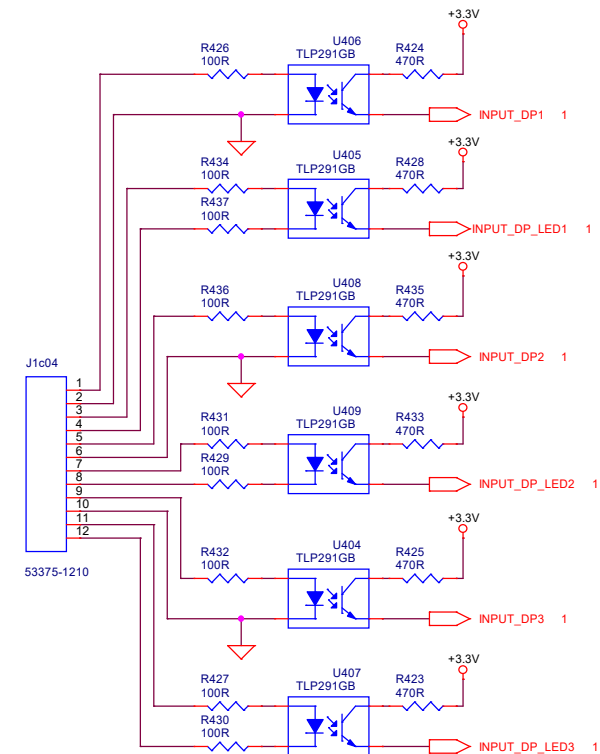
## RMII ETHERNET PHY



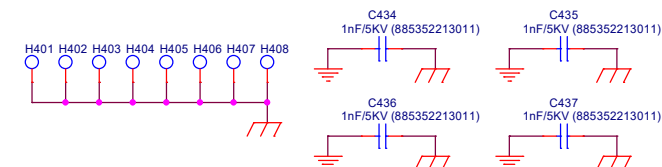
### Isolated RS-232 Line PC



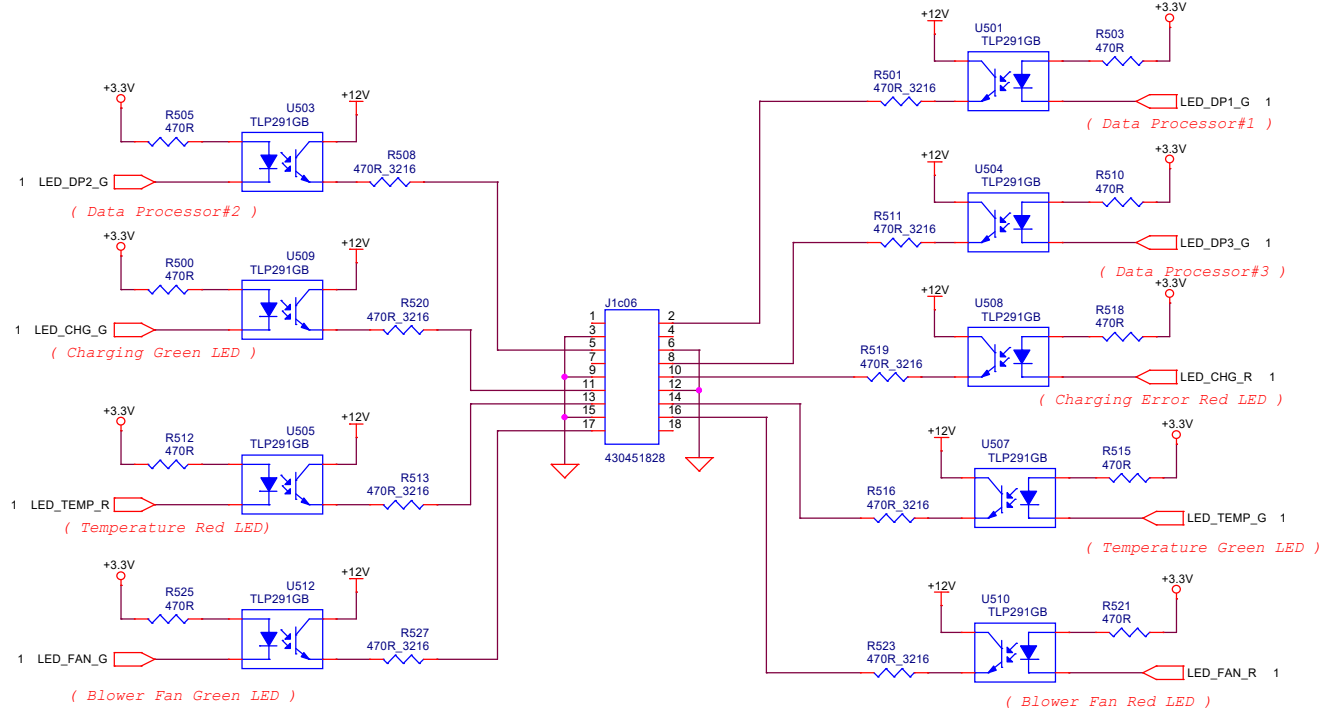
**DATA PROCESSOR 1/2/3 POWER ON, LED ON**



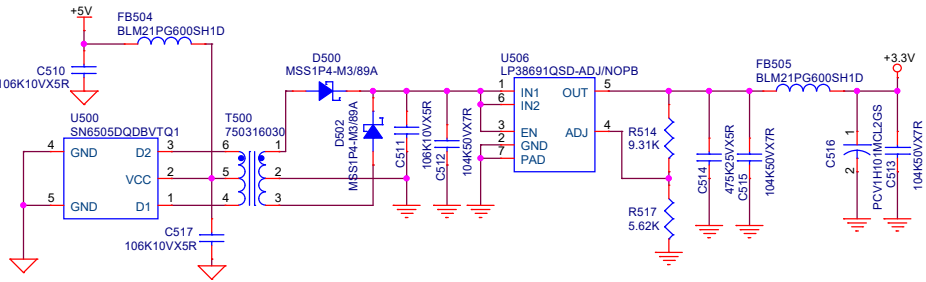
## PCB MOUNTINH HOLE FG GROUND



PANNEL EXTERNAL LED



5V- 3.3V Step-Down Converter



+12V-+5V Step-Down Converter

