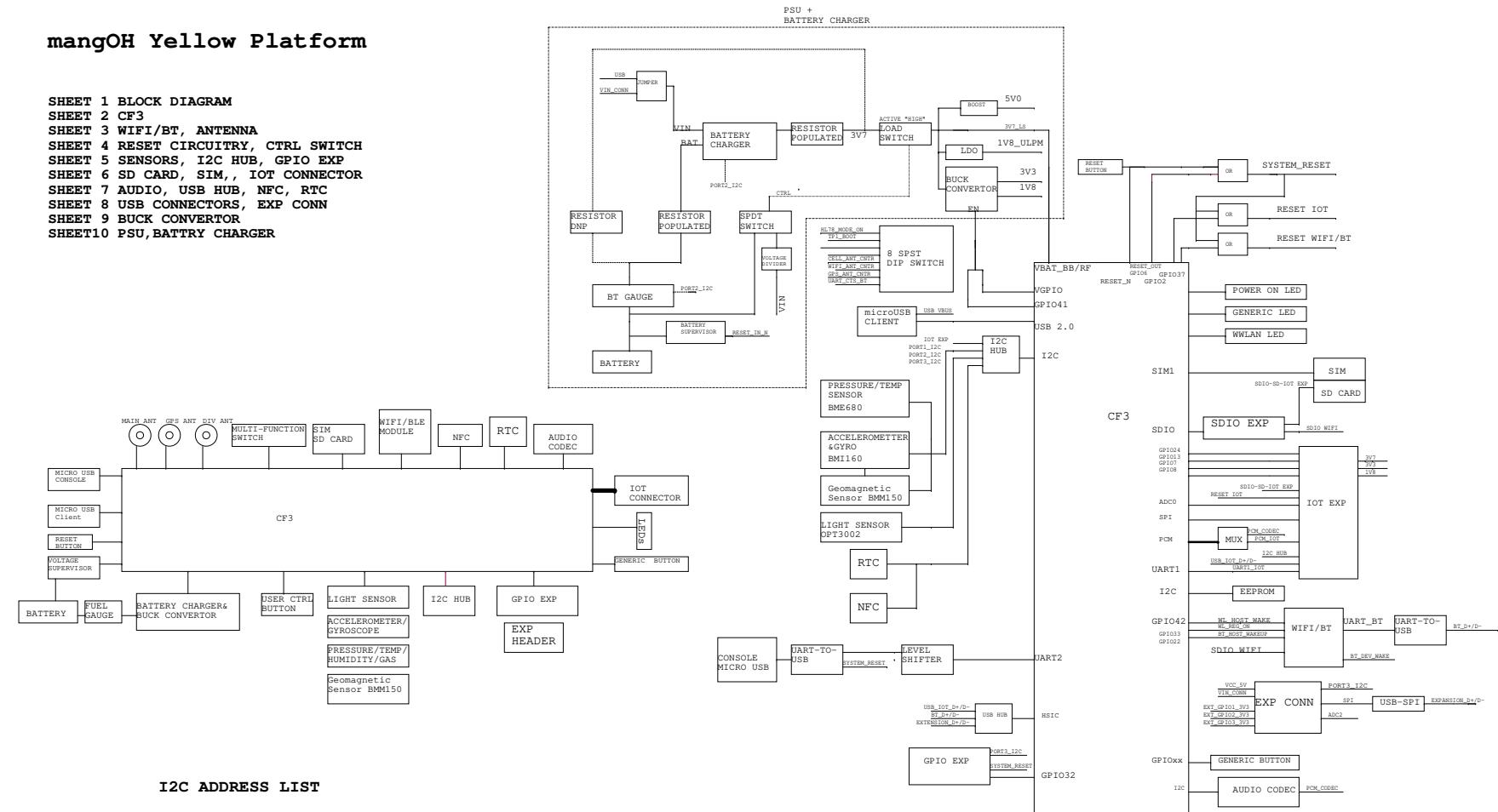


mangOH Yellow Platform

SHEET 1 BLOCK DIAGRAM
 SHEET 2 CF3
 SHEET 3 WIFI/BT, ANTENNA
 SHEET 4 RESET CIRCUITRY, CTRL SWITCH
 SHEET 5 SENSORS, I2C HUB, GPIO EXP
 SHEET 6 SD CARD, SIM,, IOT CONNECTOR
 SHEET 7 AUDIO, USB HUB, NFC, RTC
 SHEET 8 USB CONNECTORS, EXP CONN
 SHEET 9 BUCK CONVERTOR
 SHEET10 PSU, BATTRY CHARGER



I2C ADDRESS LIST

U200 EEPROM: 0x50
 U508 ACCE/GYRO: 0x18/68
 U507 BME680: 0x76
 U502 BMM150: 0x10/0x11
 U503 IO EXP: 0x3E
 U506 OPT3002: 0x44
 U505 TCA9546: 0x71 (same as 'red')
 U700 NT3H2211: 0x55 (default - can be changed)
 U701 PCF85063: 0x51
 U1000 BQ25601: 0x6B
 U1002 BQ27426: 0x55
 U703 USB3503A: 08h

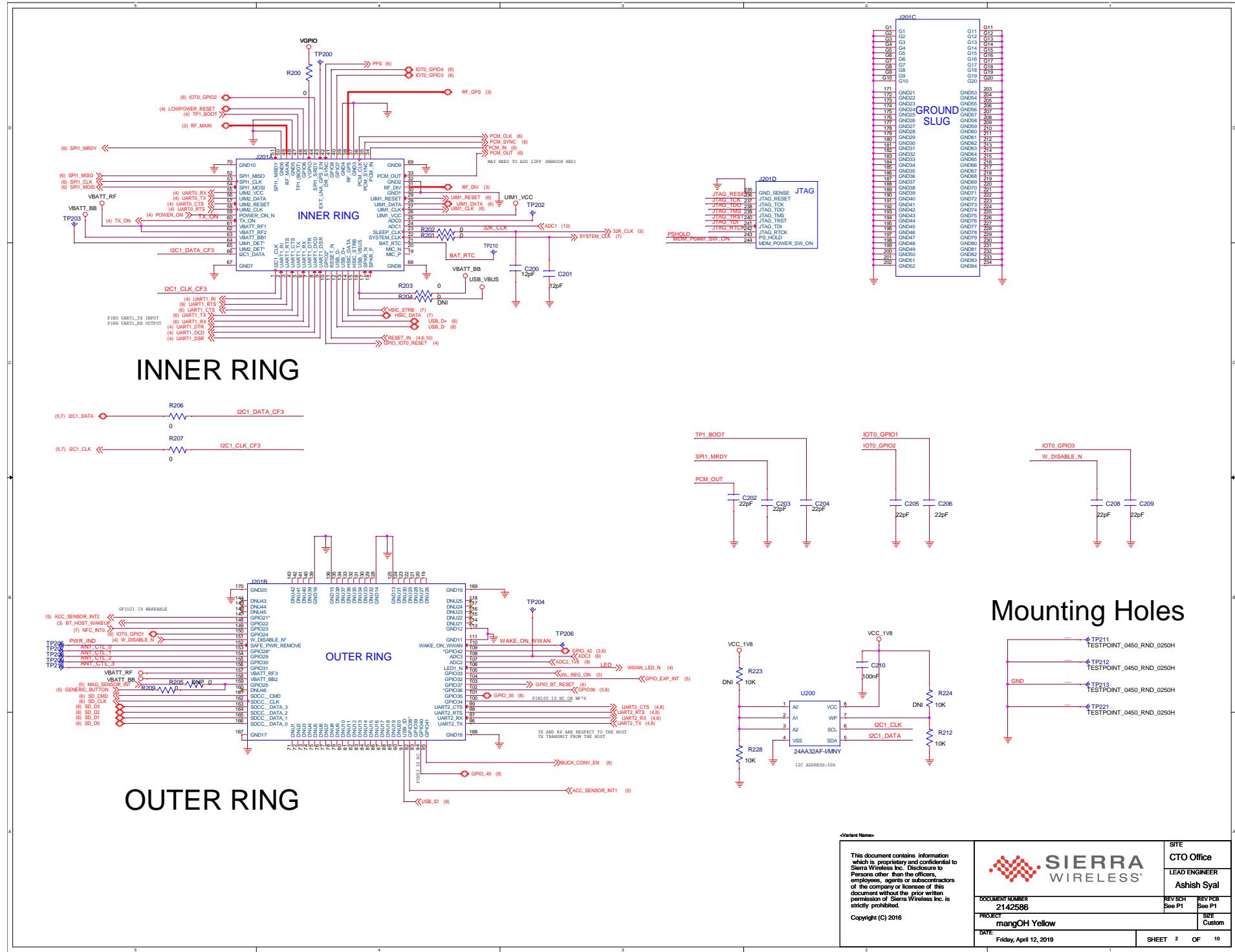
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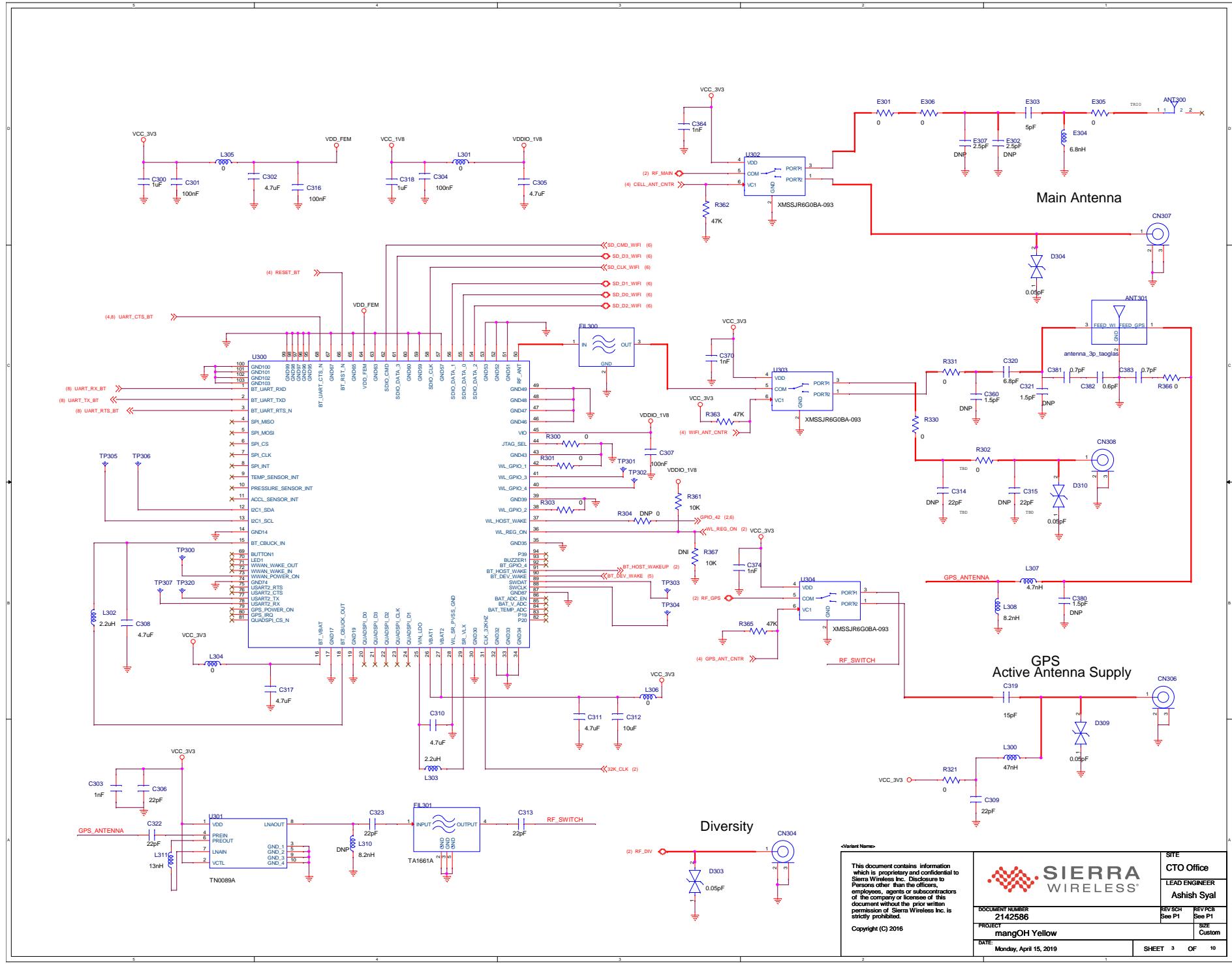
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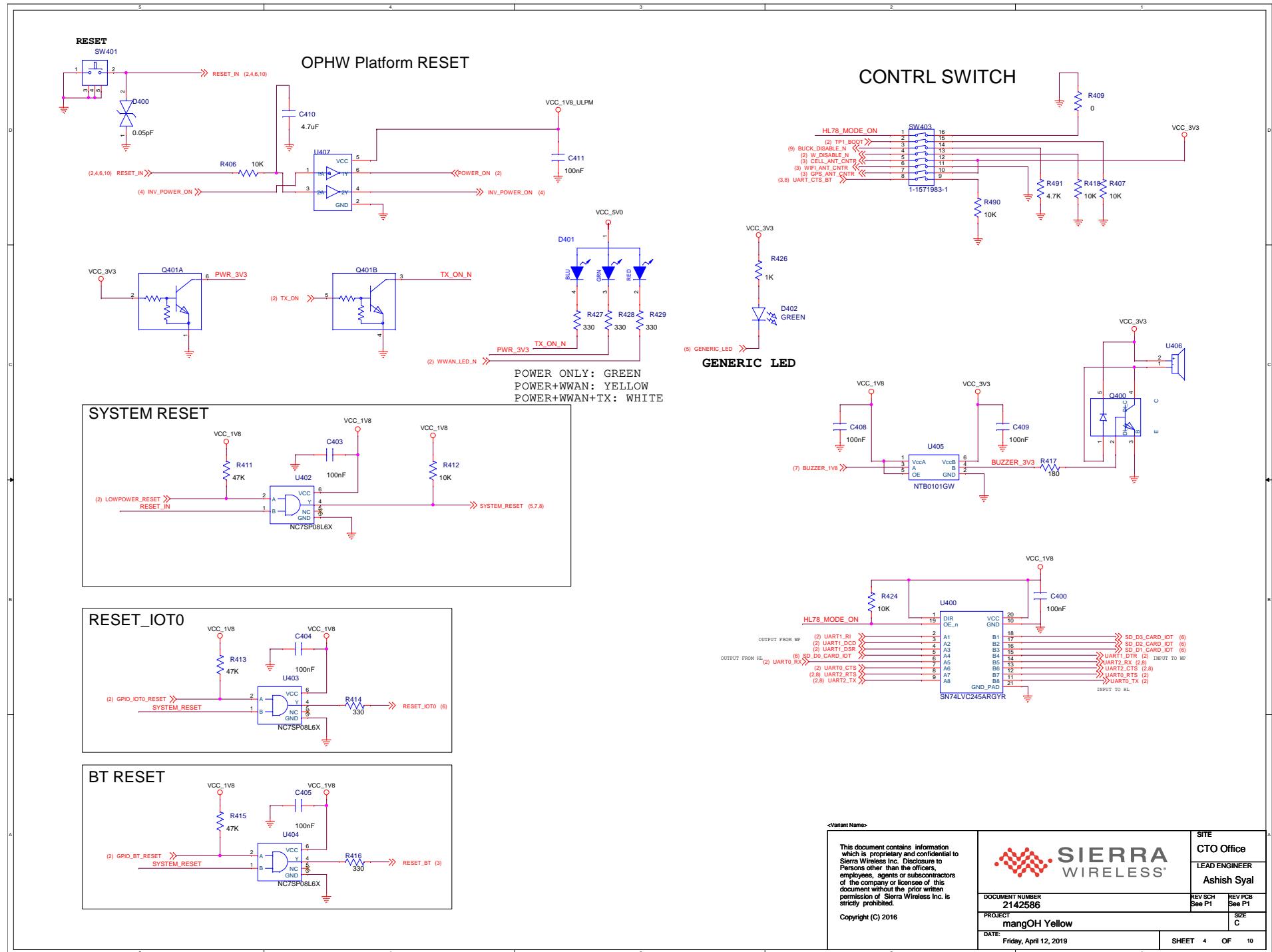
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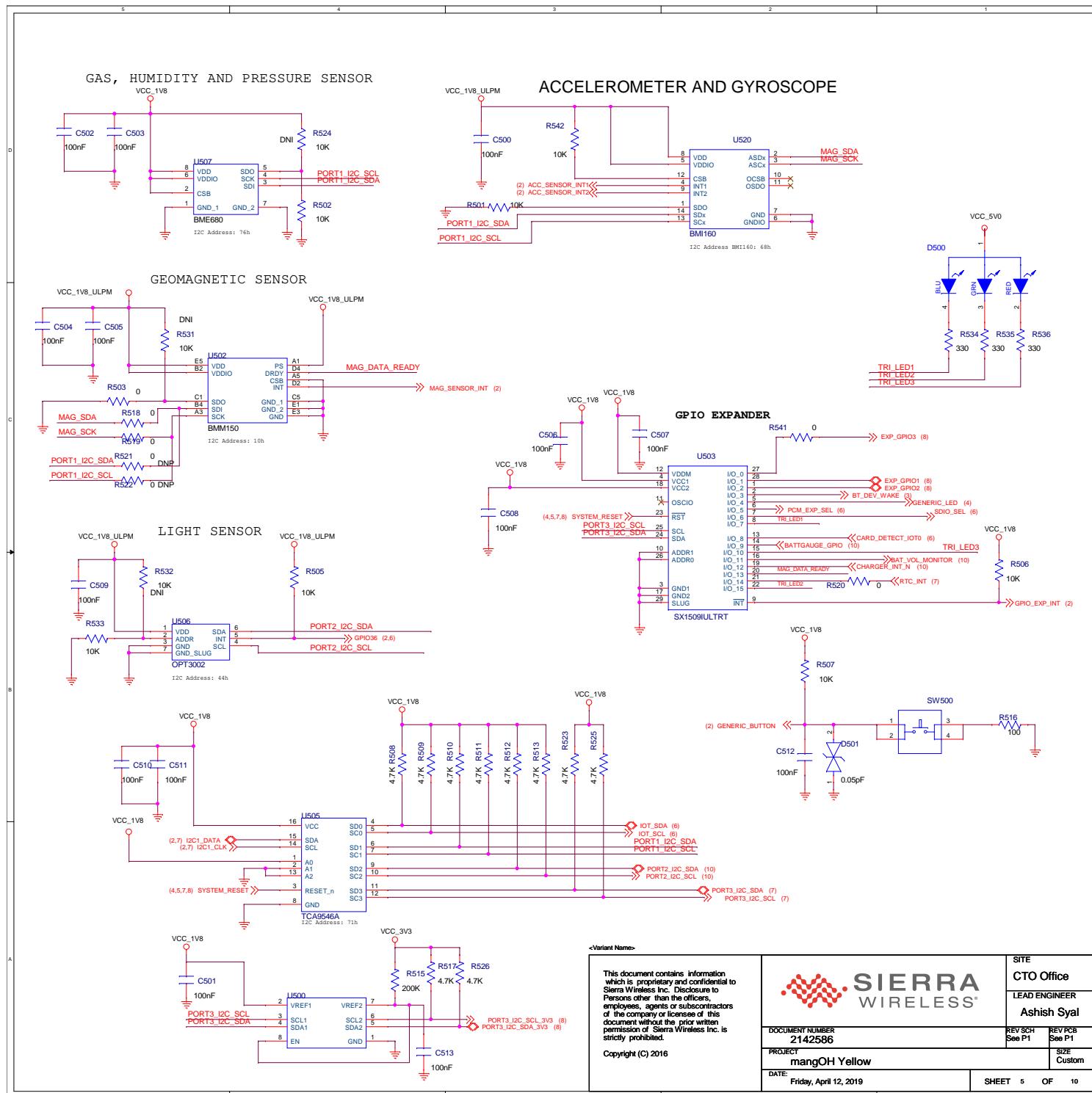


SITE	CTO Office
LEAD ENGINEER	Ashish Syal
DOCUMENT NUMBER	2142586
PROJECT	mangOH Yellow
DATE	Friday, April 12, 2019
REV/SCH	20
REV POS	DV0.3
SIZE	Custom
SHEET	1 OF 10





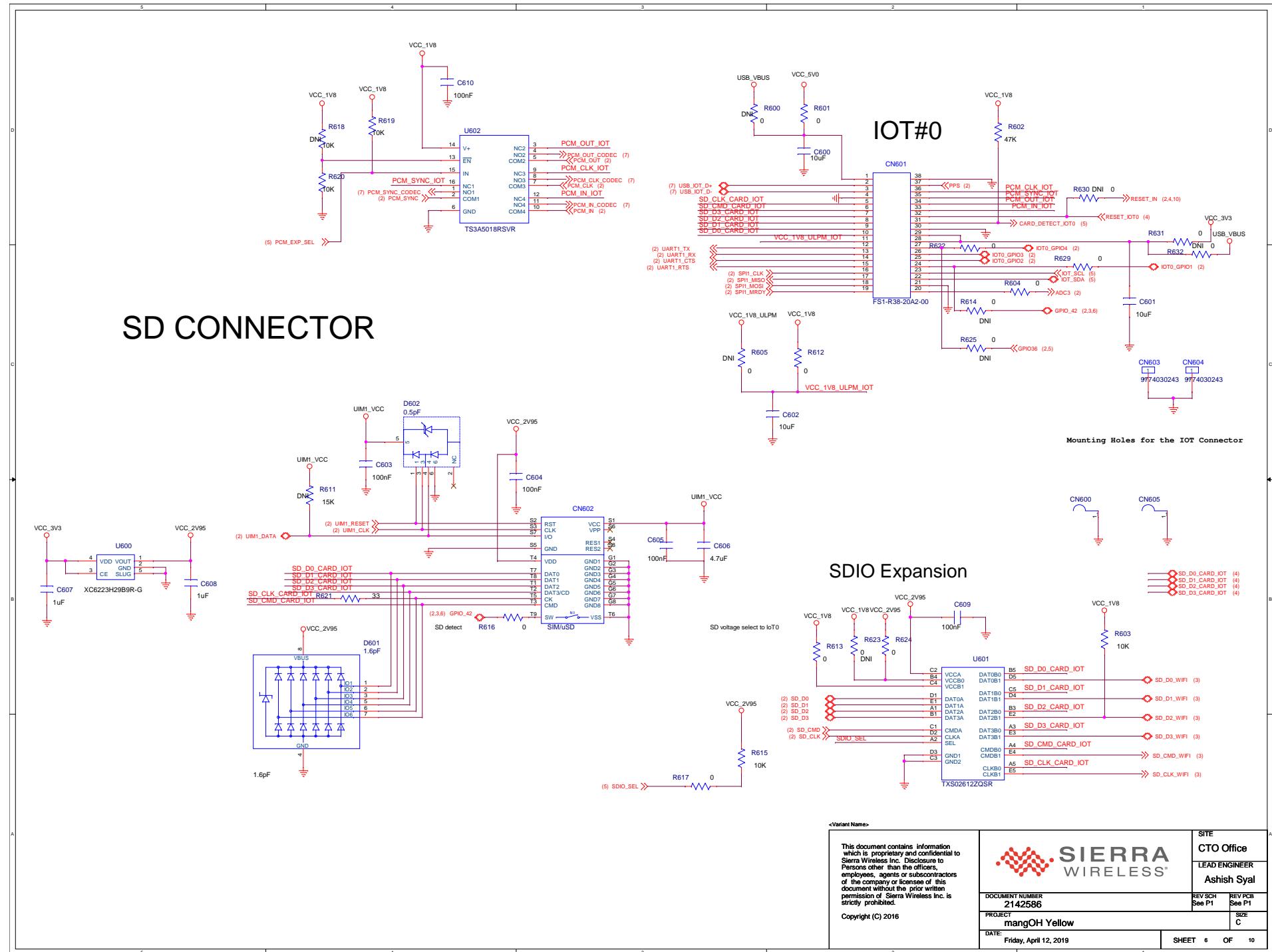


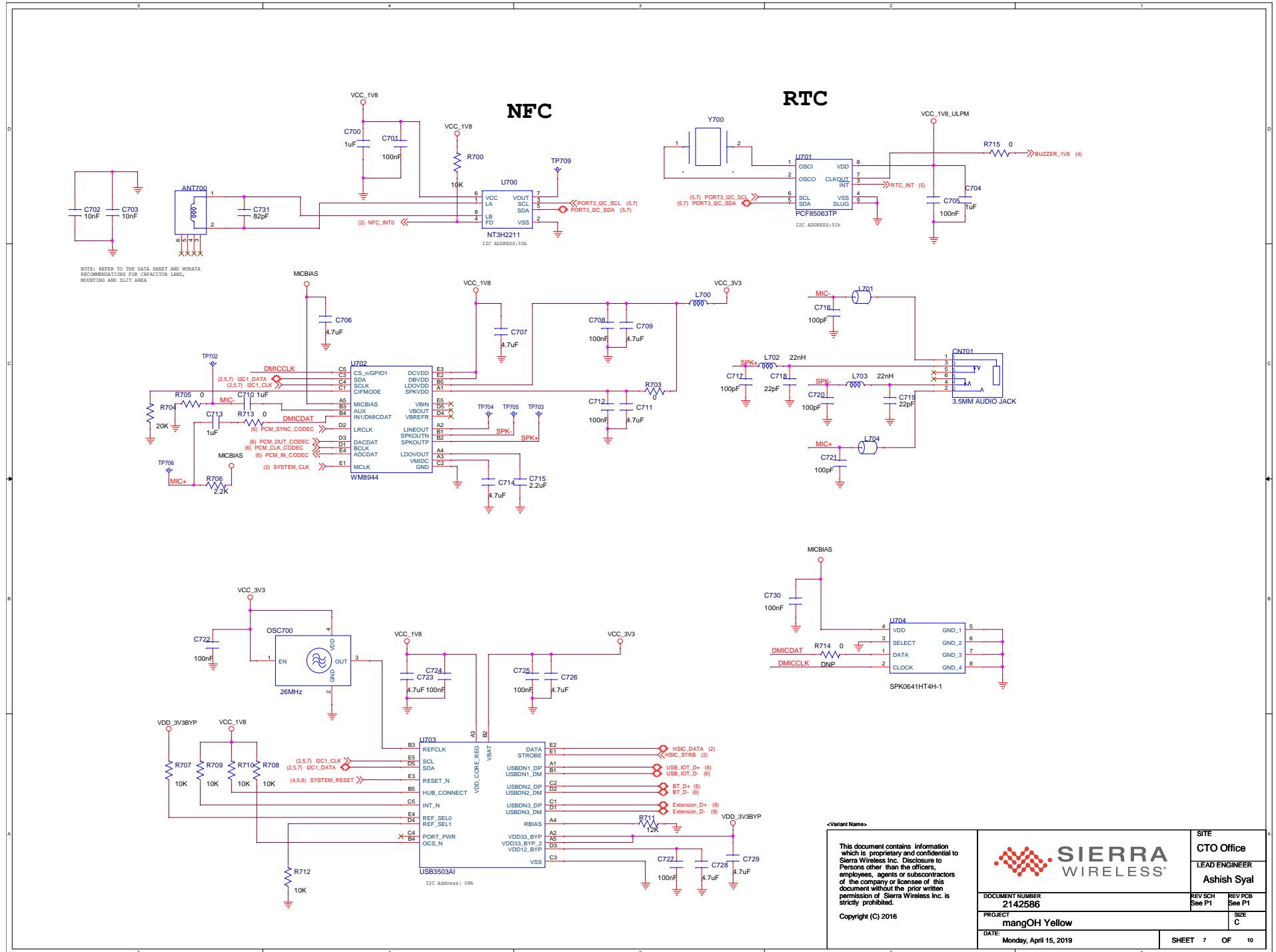


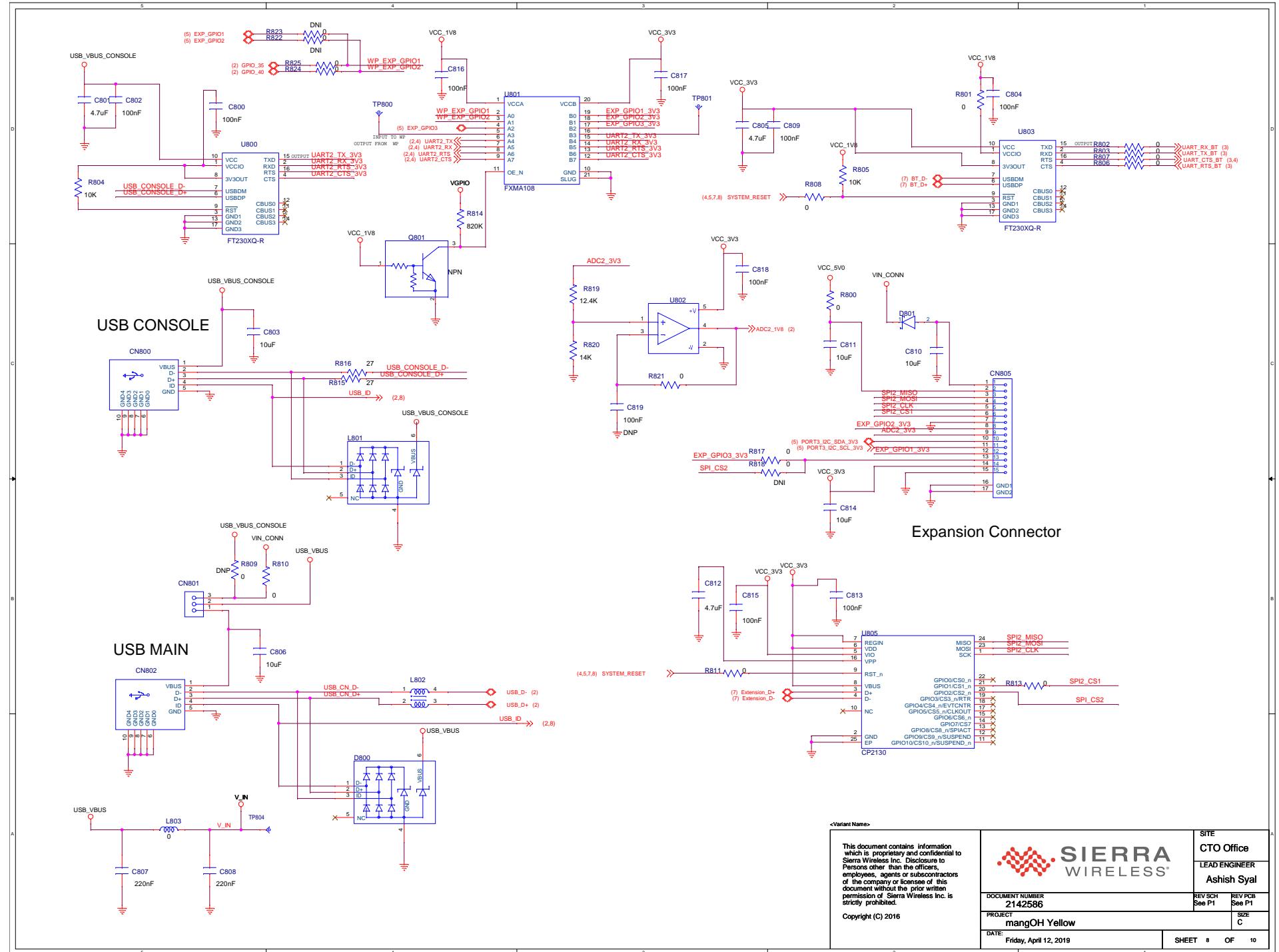
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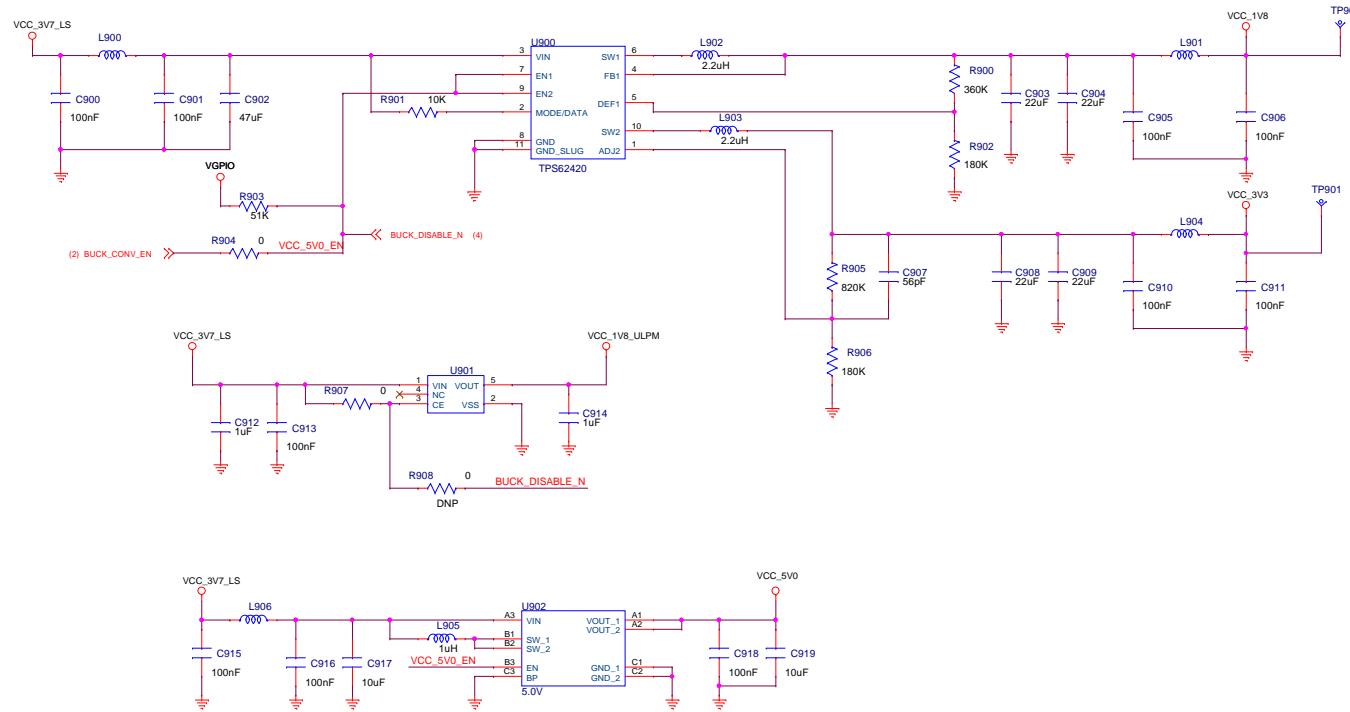
SITE	CTO Office
LEAD ENGINEER	Ashish Syal
DOCUMENT NUMBER	REV.SCH 2412586 See P1
PROJECT	REV.PCB mangOH Yellow See P1
DATE	SIZE Friday, April 12, 2019 Custom







3V3 and 1V8 Buck



<Variant Name>

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REPLACE THE		SITE CTO Office
		LEAD ENGINEER Ashish Syal
DOCUMENT NUMBER 2142586	REV SCH See P1	REV PCB See P1
PROJECT mangOH Yellow		SIZE C
DATE: Friday, April 12, 2019	SHEET 8 OF 10	

PSU Front End and 3.7V DC/DC converter

