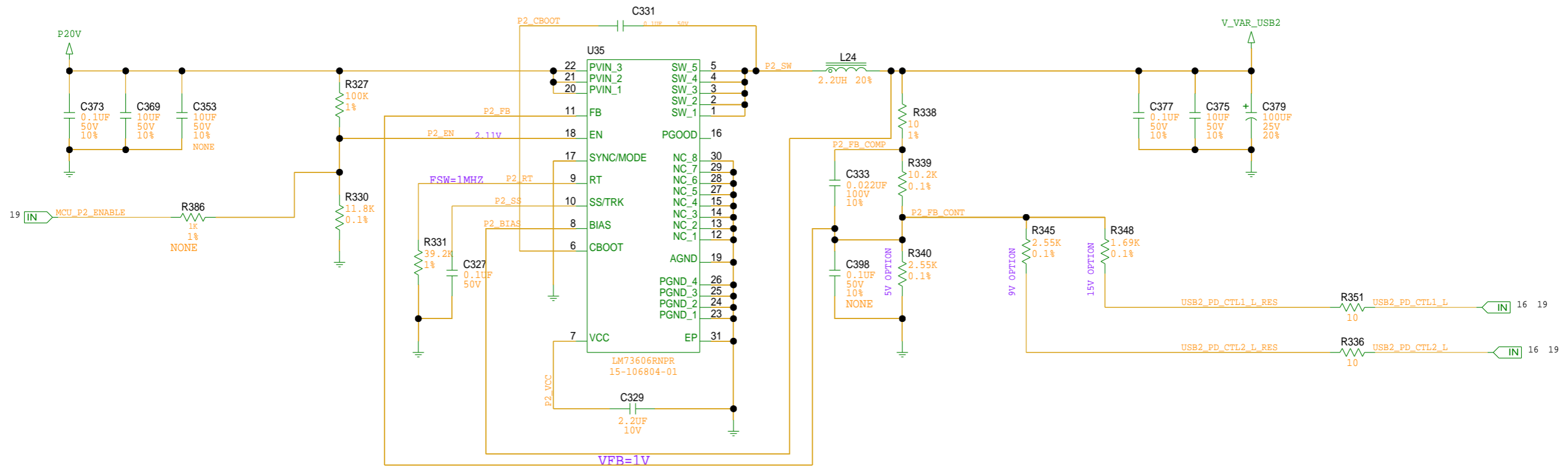
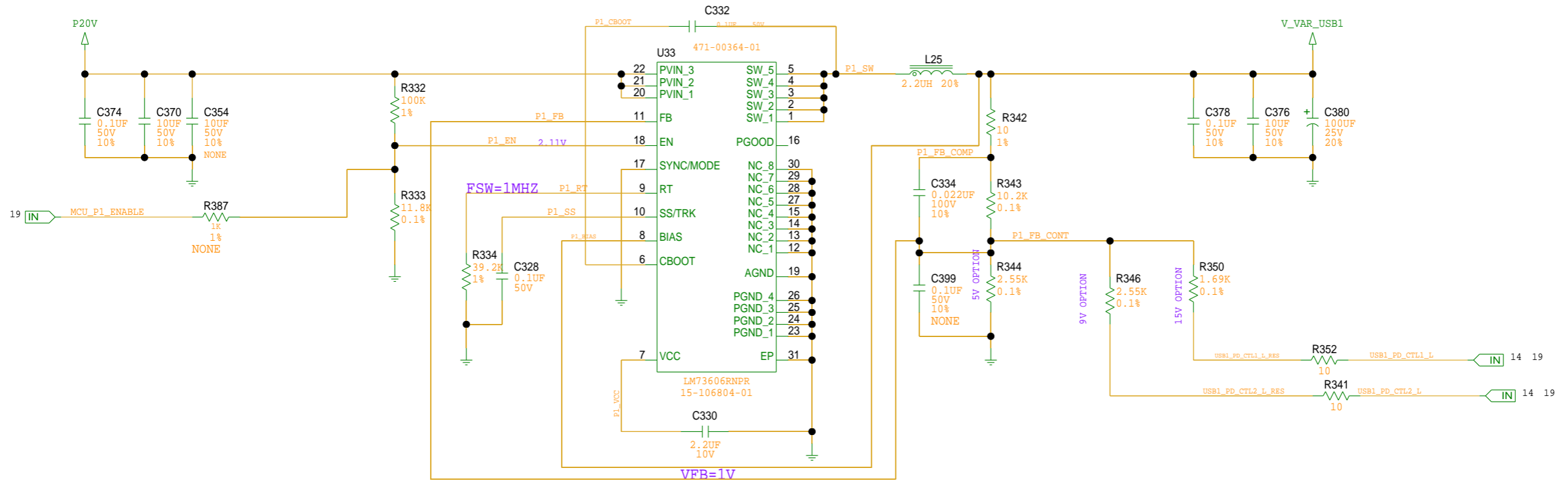
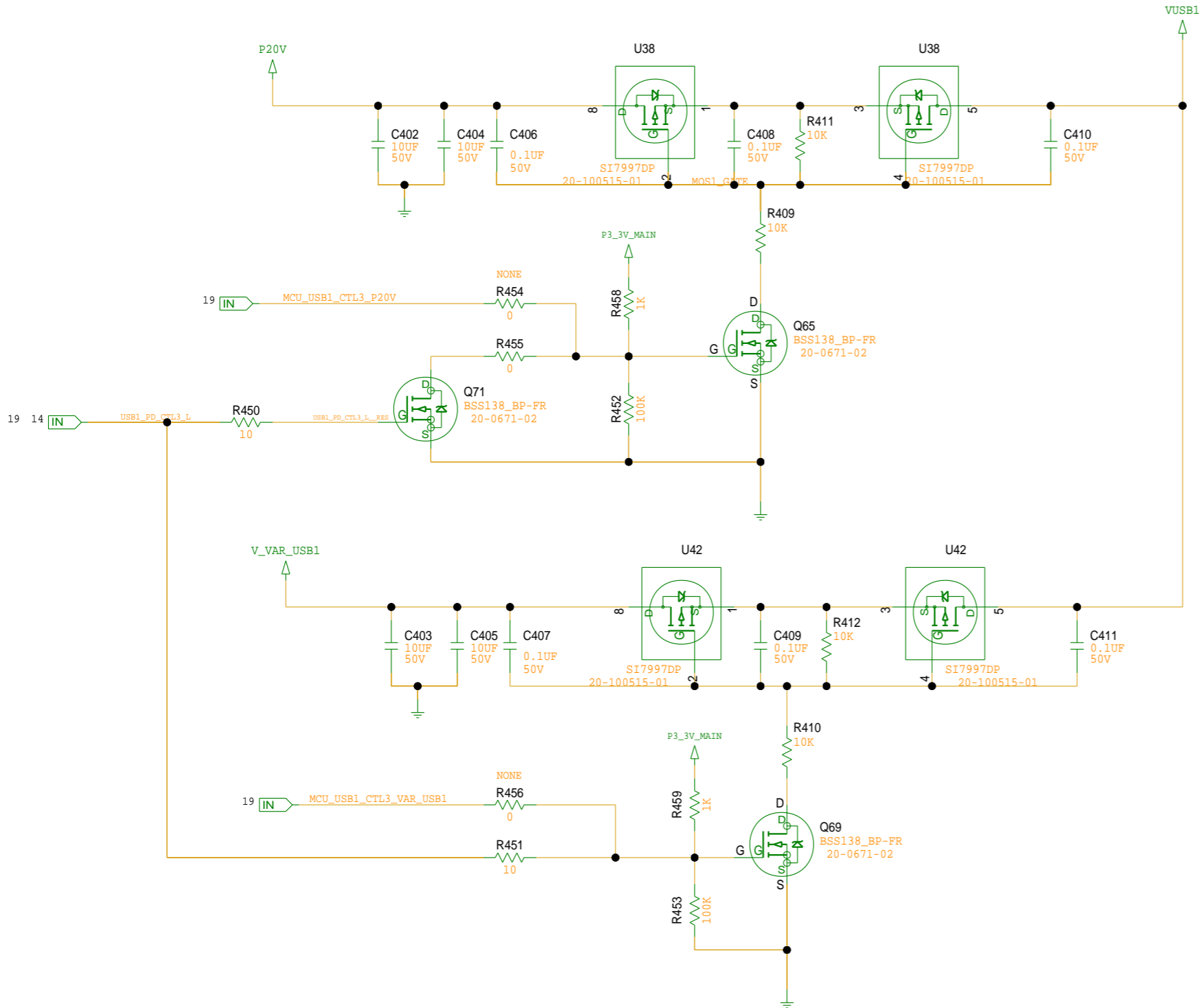


# USB PD DC-DC CONVERTER

OUTPUT VOLTAGES 5V/9V/15V



# USB1 PD SWITCHING



IN CASE OF MCU DRIVE

LOAD R454 OR REPLACE R454 WITH 10 OHM RESISTOR FOR CURRENT LIMITING

DNP R455

IN CASE OF MCU DRIVE

LOAD R456 WITH 10 OHM RESISTOR FOR CURRENT LIMITING

DNP R451

# USB1 PD HOST CONTROLLER

## DESIGN PARAMETERS

VOLTAGE PROFILES -5V/9V/15V/20V

IMAX=3A

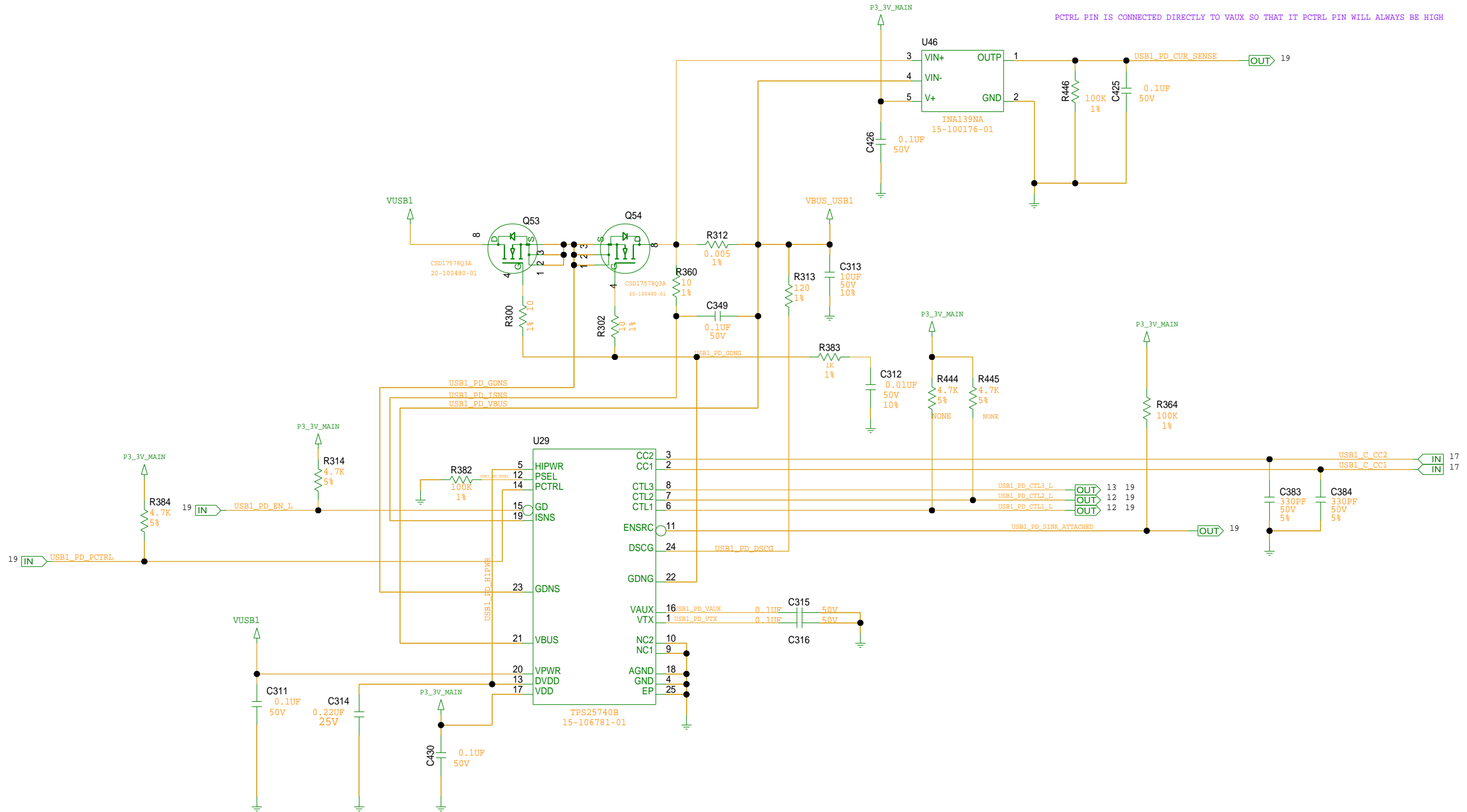
MAX POWER=65W

OVER CURRENT PROTECTION SET POINT =3.5A

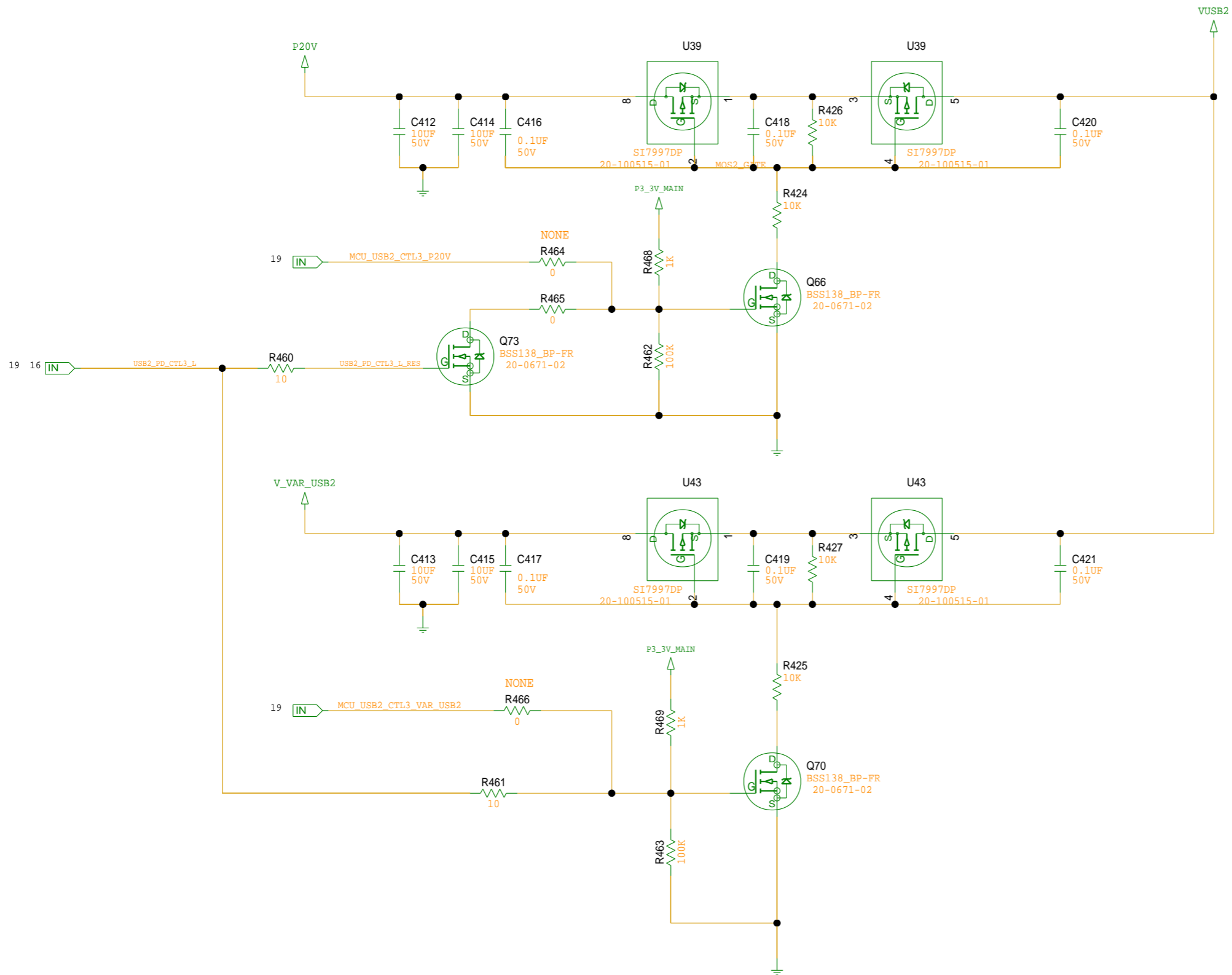
HIPWR PIN CONNECTED TO DVDD SINCE IMAX=3A

PSELIS CONNECTED TO GND VIA RES SINCE MAX PWR=65W

PCTRL PIN IS CONNECTED DIRECTLY TO VAUX SO THAT IT PCTRL PIN WILL ALWAYS BE HIGH



# USB2 PD SWITCHING



IN CASE OF MCU DRIVE

LOAD R464 OR REPLACE R454 WITH 10 OHM RESISTOR FOR CURRENT LIMITING

DNP R465

IN CASE OF MCU DRIVE

LOAD R466 WITH 10 OHM RESISTOR FOR CURRENT LIMITING

DNP R461

# USB2 PD HOST CONTROLLER

## DESIGN PARAMETERS

VOLTAGE PROFILES -5V/9V/15V/20V

IMAX=3A

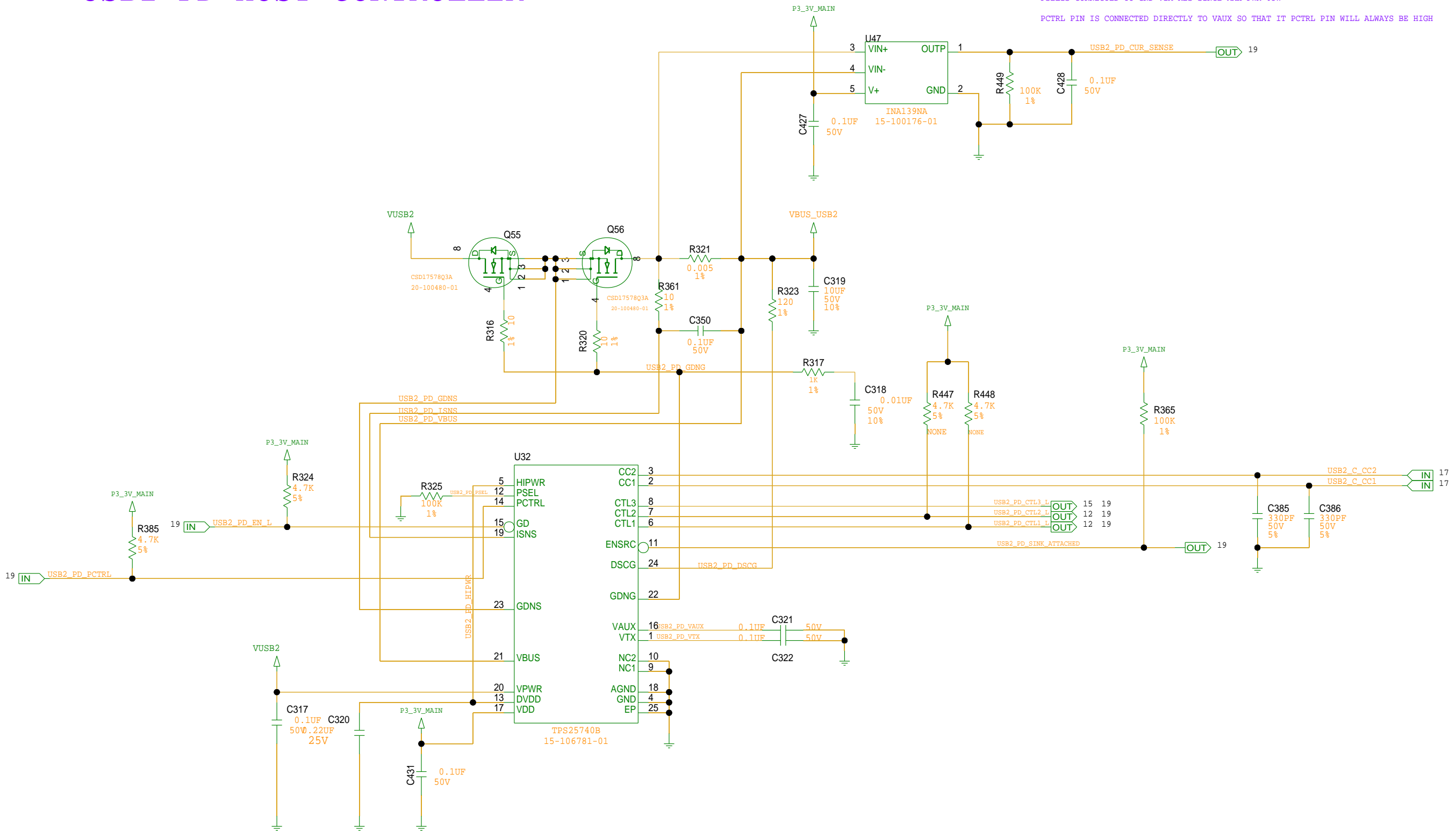
MAX POWER=65W

OVER CURRENT PROTECTION SET POINT =3.5A

HIPWR PIN CONNECTED TO DVDD SINCE IMAX=3A

PSELIS CONNECTED TO GND VIA RES SINCE MAX PWR=65W

PCTRL PIN IS CONNECTED DIRECTLY TO VAUX SO THAT IT PCTRL PIN WILL ALWAYS BE HIGH



# USB TYPE-C RIGHT ANGLE CONNECTOR

