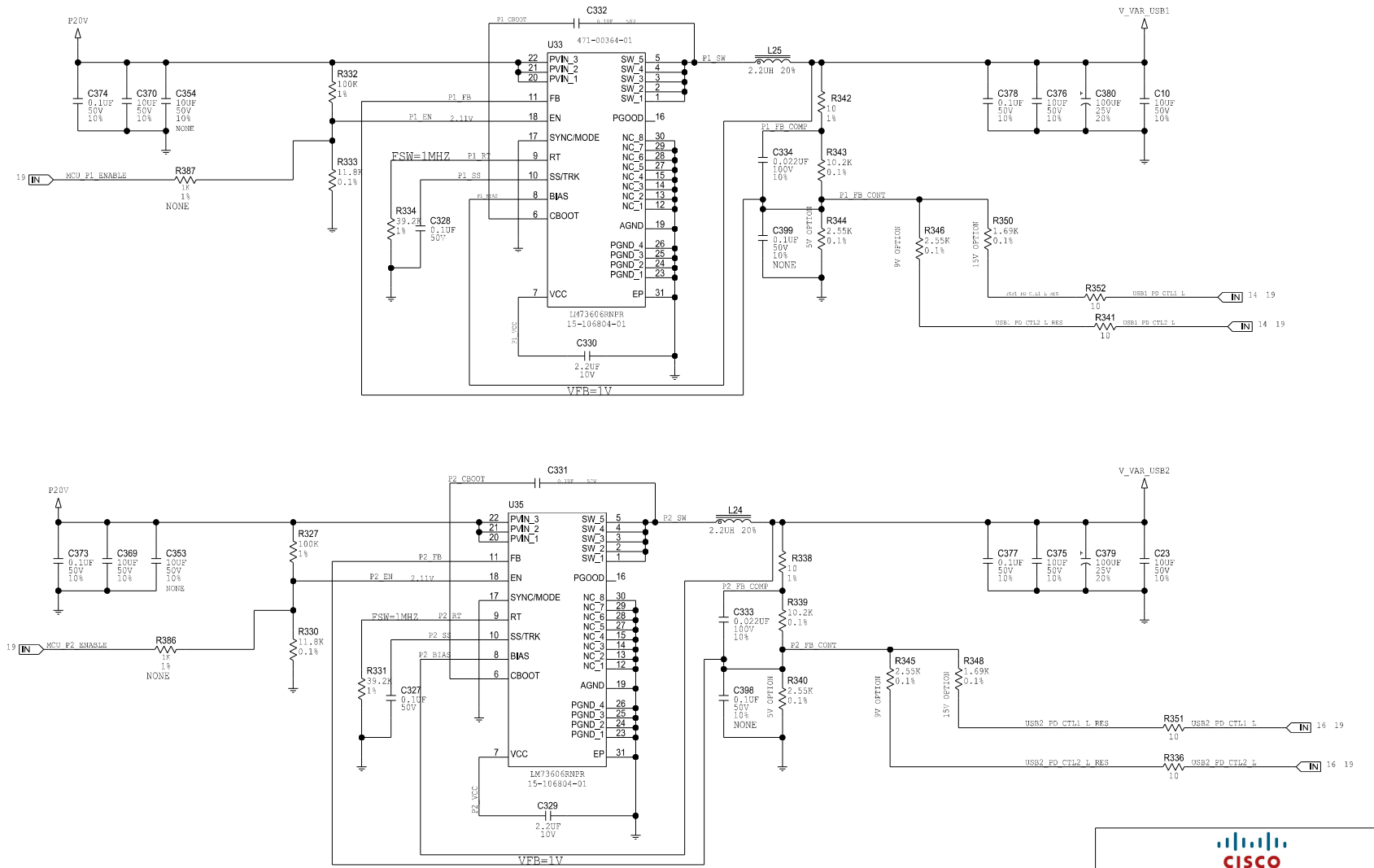


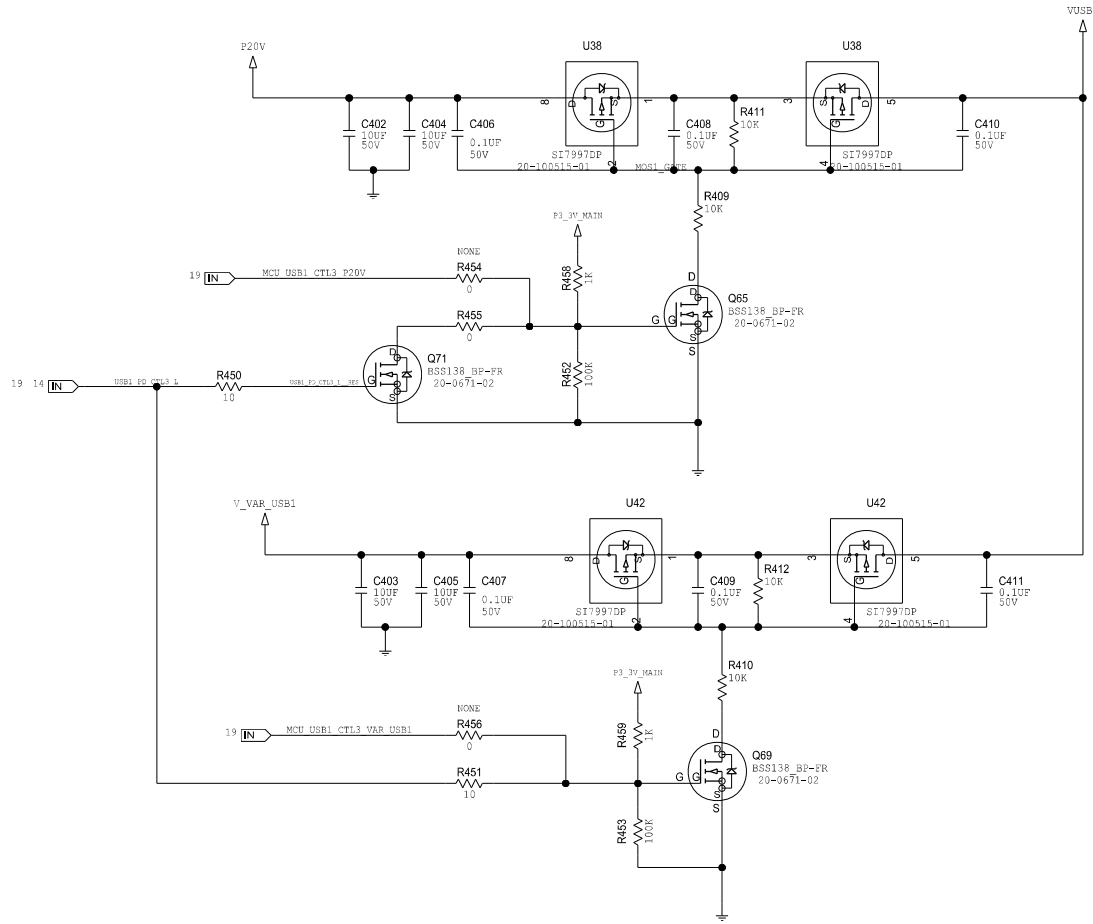
USB PD DC-DC CONVERTER

OUTPUT VOLTAGES 5V/9V/15V



SIZE	CLASS CODE	DWG. NO.	REV
B		92-103475-03	03
SCALE	DATE: Pci Pwr 07 18:35:58 2020		12 OF 19

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 451

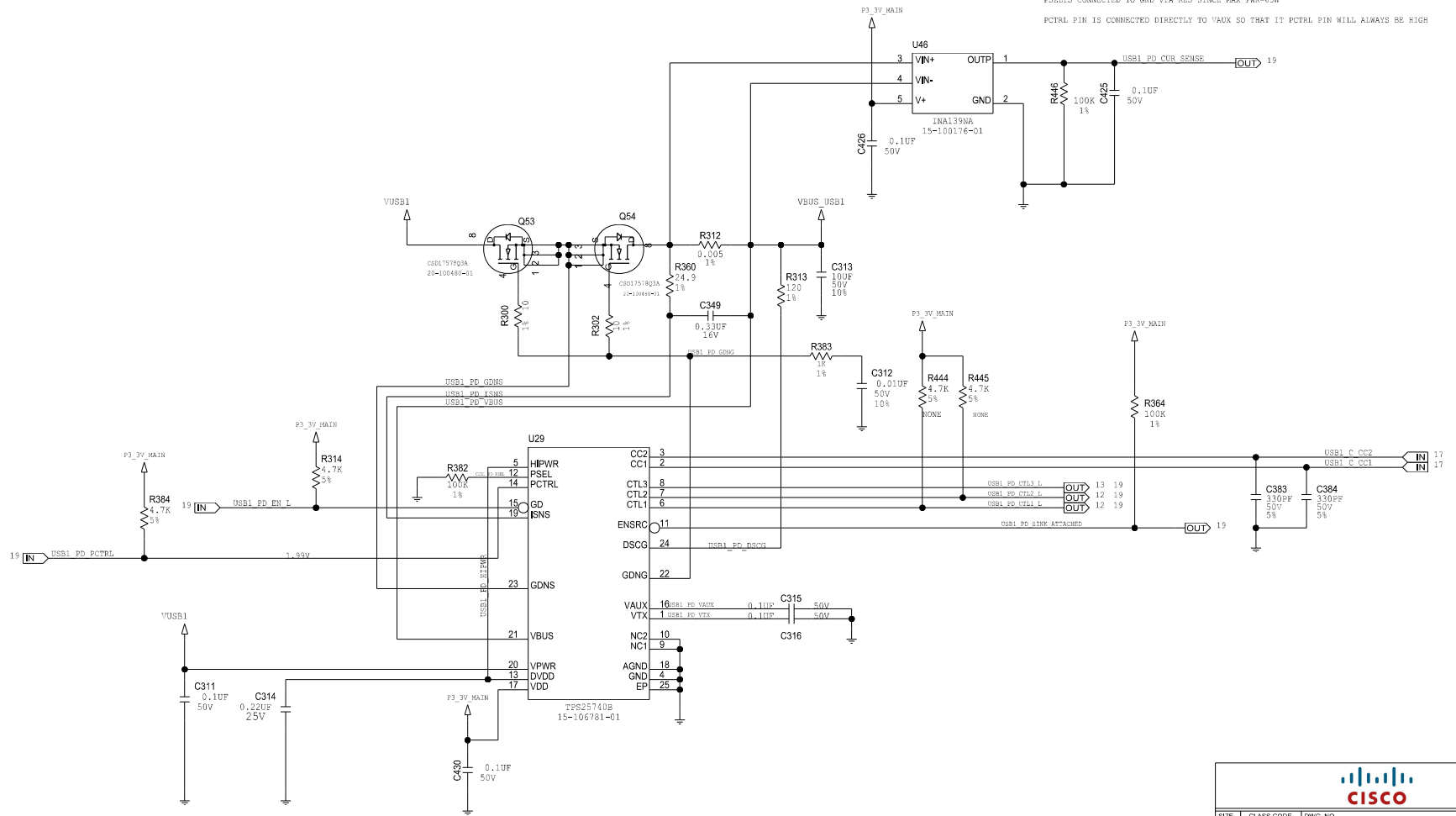


SIZE B	CLASS CODE	DWG. NO. 92-103475-03	REV 03
SCALE		DATE: Thu May 15 13:02:22 2008	13 OF 19

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

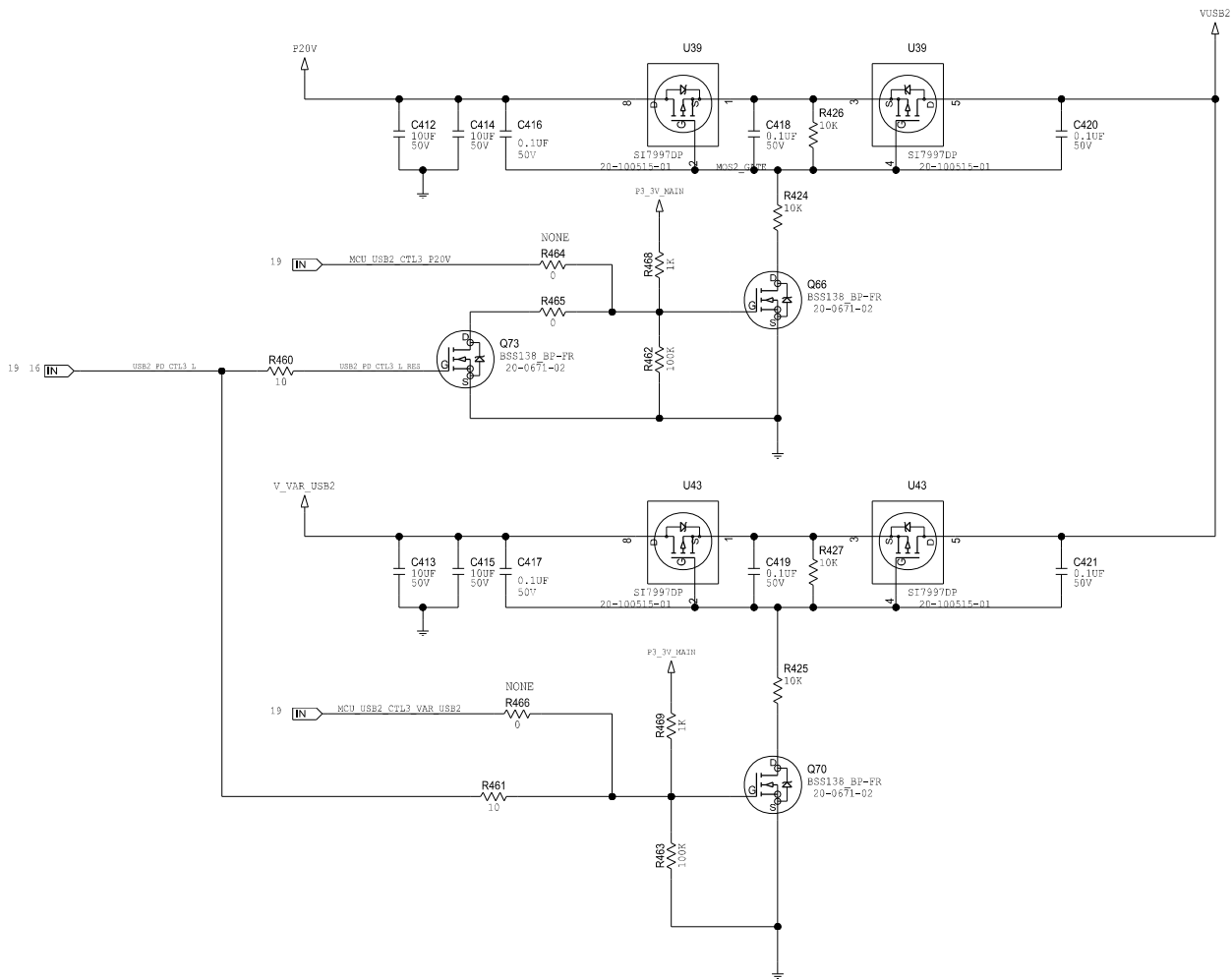




CISCO

SIZE B	CLASS CODE	DWG. NO. 92-103475-03	REV 03
SCALE		DATE: Thu Feb 06 15:24:09 2020	14 OF 19

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



SIZE B	CLASS CODE	DWG. NO. 92-103475-03	REV 03
SCALE		DATE: Thu Nov 18 20:43:22 2021	

USB2 PD HOST CONTROLLER

DESIGN PARAMETERS

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

IMAX=3A

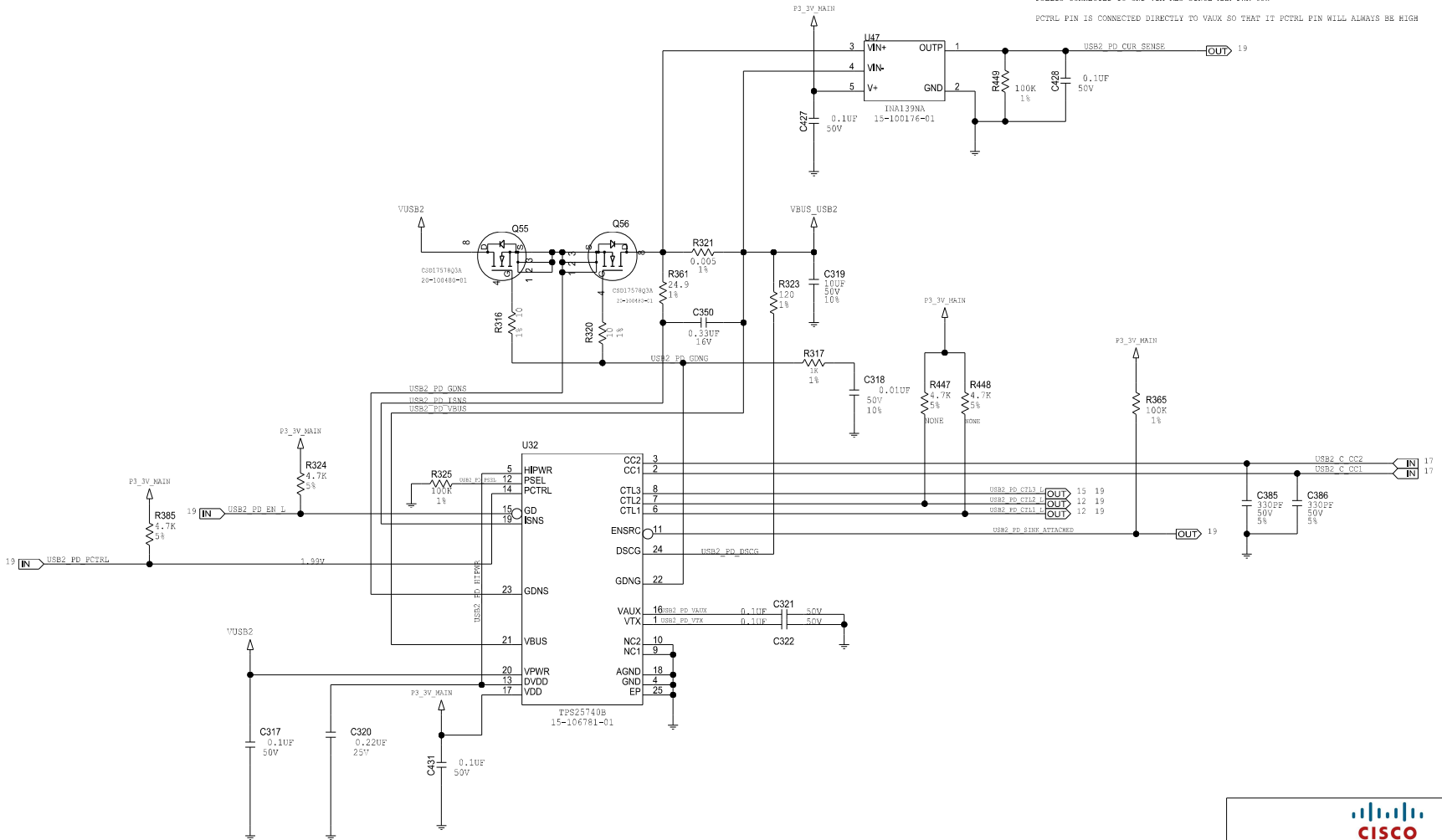
MAX POWER=65W

OVER CURRENT PROTECTION SET POINT =3.5A

HIPWR PIN CONNECTED TO DVDD SINCE IMAX=3A

PSELLS 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



SIZE	CLASS CODE	DWG. NO.	REV
B		92-103475-03	03
SCALE	DATE: Thu Feb 06 15:28:43 2003		16 OF 19

USB TYPE-C RIGHT ANGLE CONNECTORS

