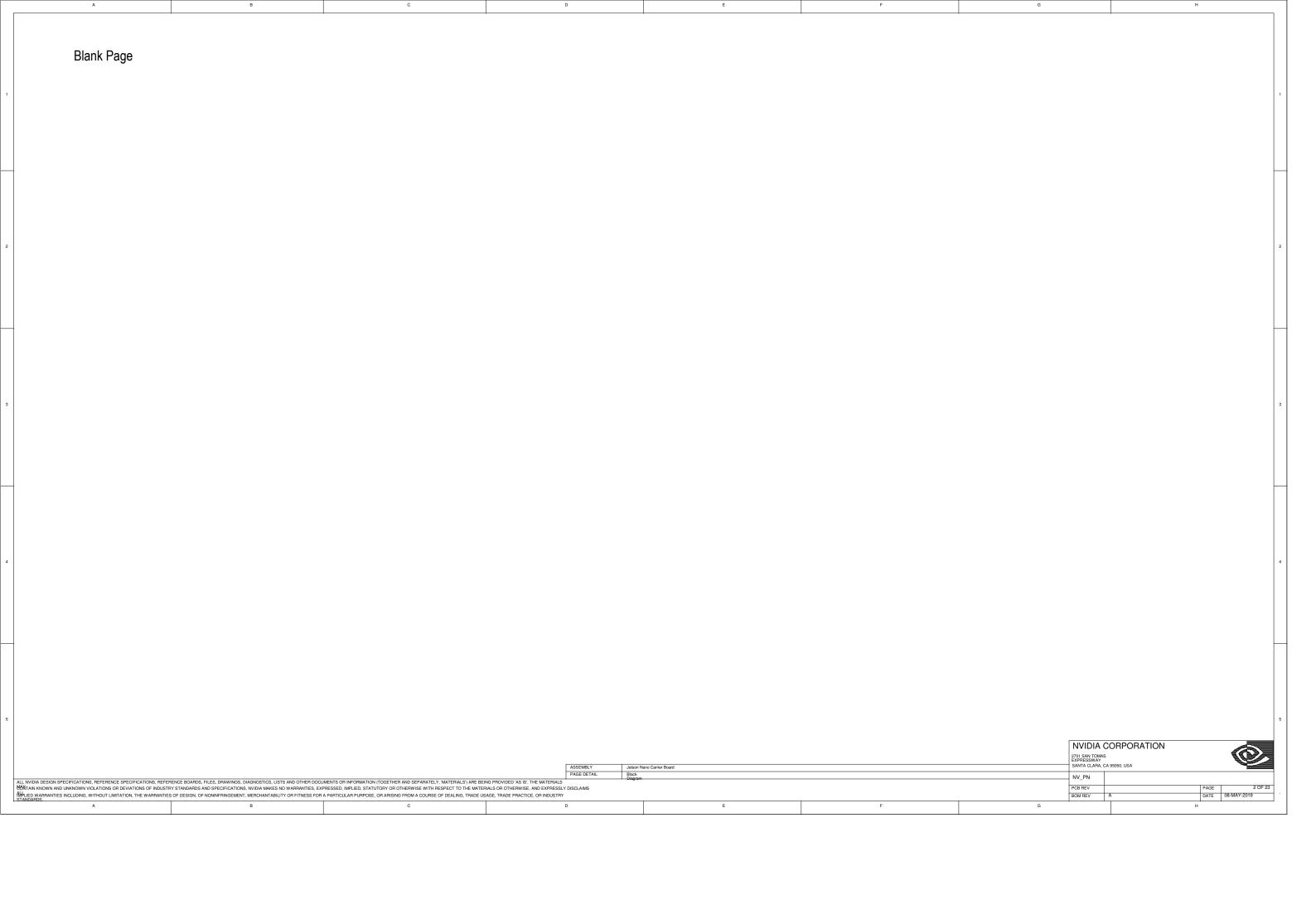
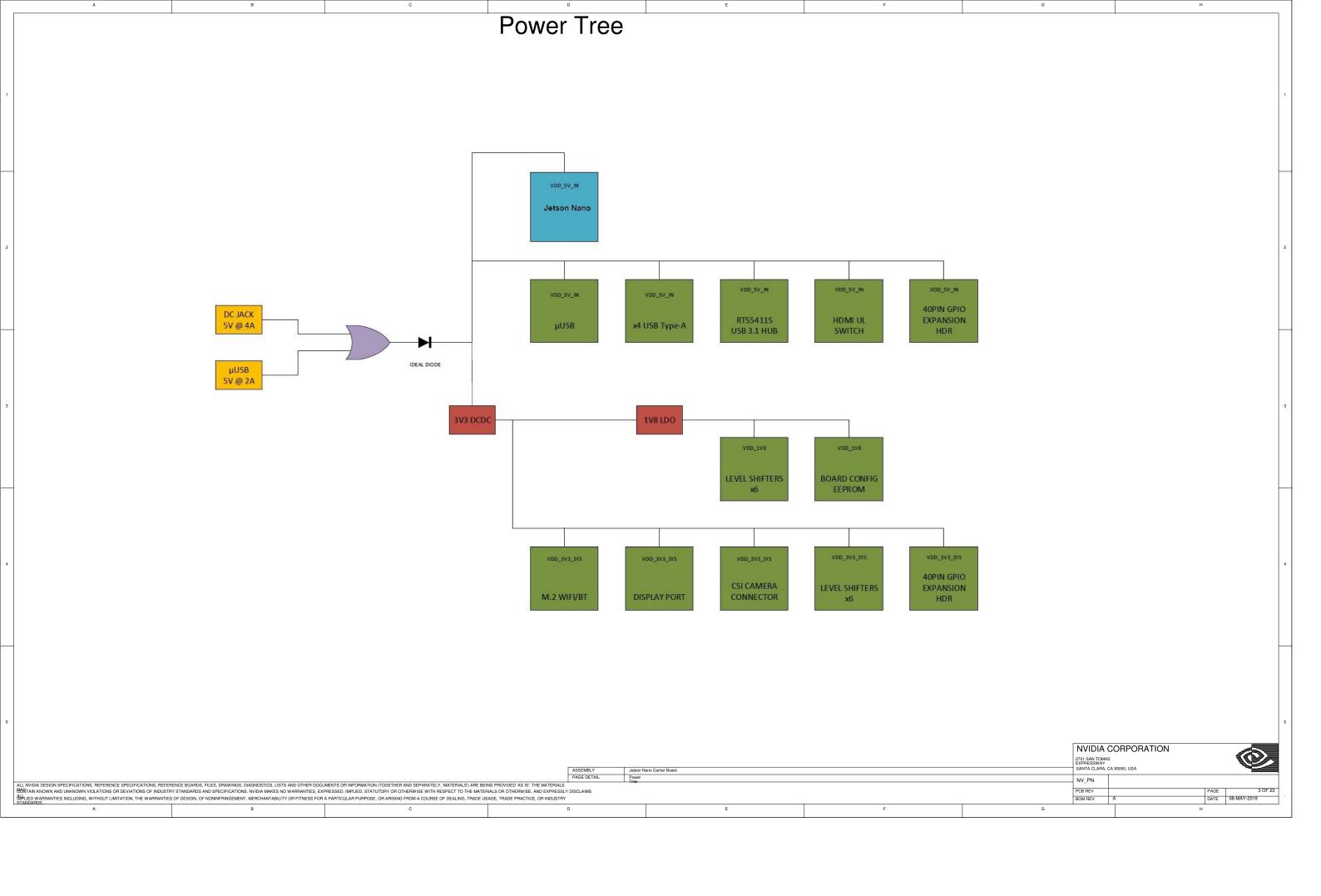
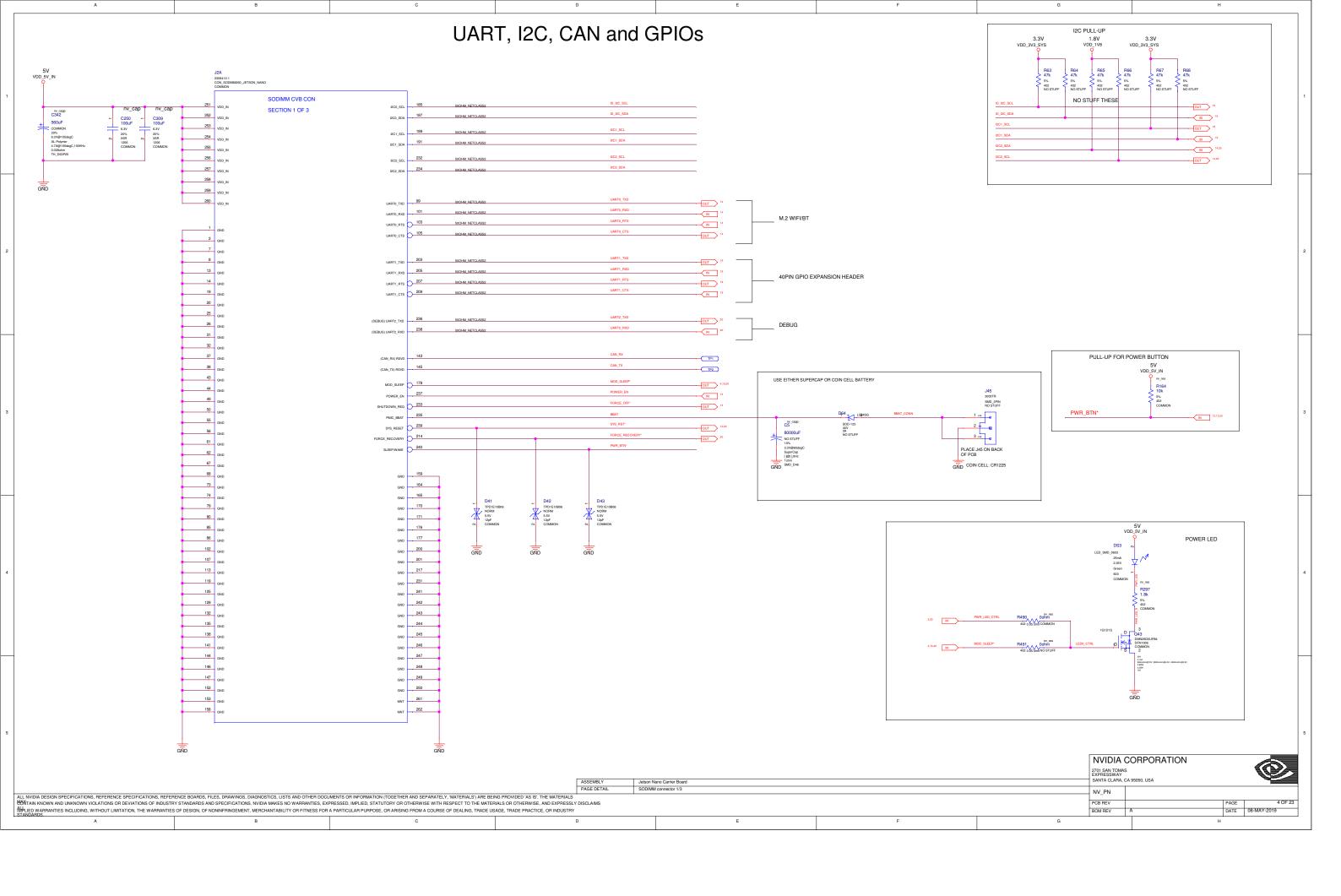
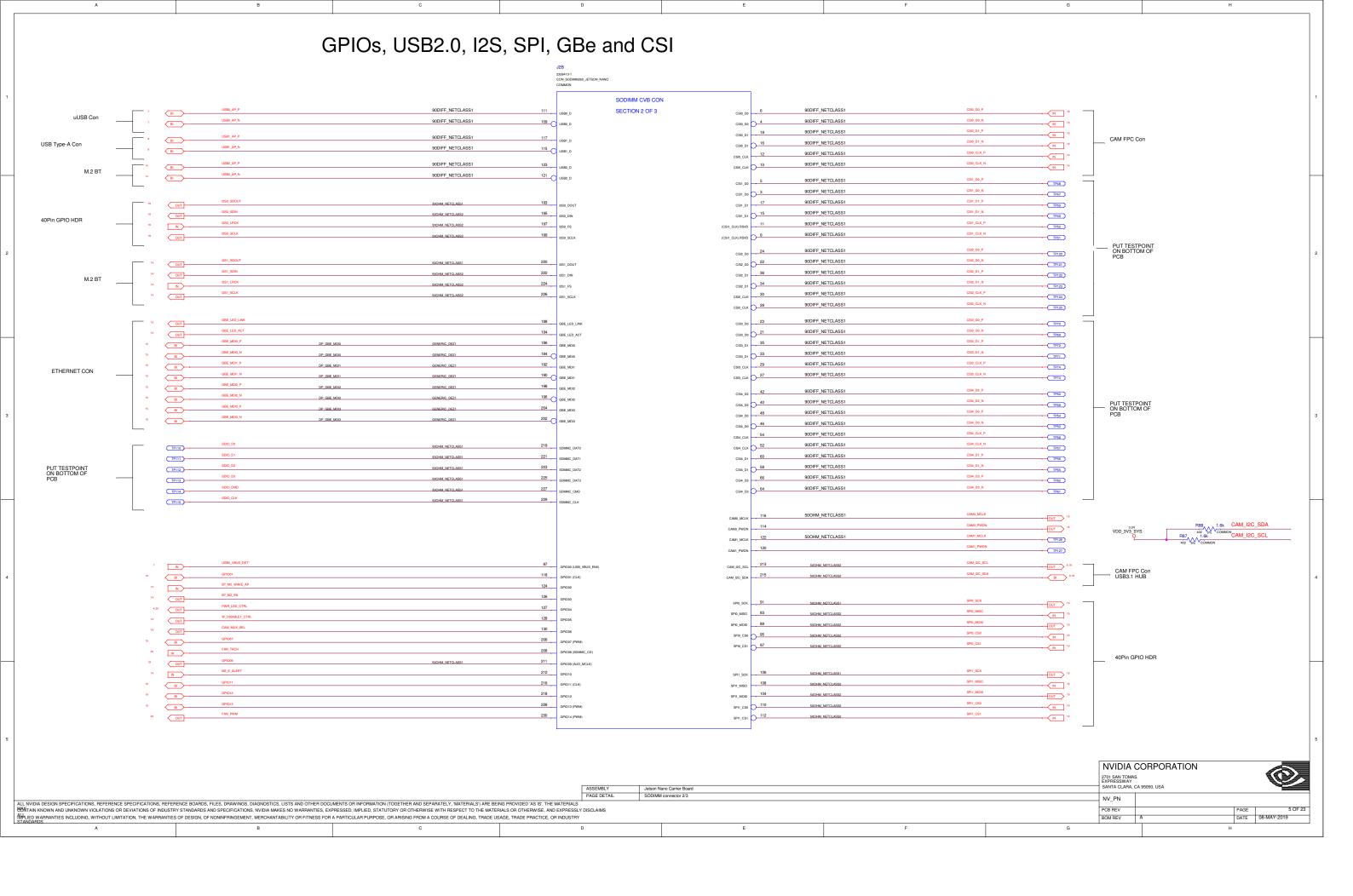
## Jetson Nano Carrier Board Reference Design HDMI, USB, M.2, Gbe TABLE OF CONTENTS Description Page Page Description Table of Contents Blank Page SODIMM connector 1/3 SODIMM connector 2/3 SODIMM connector 3/3 USB2.0 micro USB3.1 x4 HUB USB3.1 Type-A x2 (A) USB3.1 Type-A x2 (B) DC Jack 11 3V3 DCDC and 1V8 LDO 13 Power ON/OFF Logic M.2 Key-E Gigabit Ethernet POE 15 HDMI 17 DisplayPort 18 **CAM Connector** 19 40Pin GPIO expansion header Fan, Debug and EEPROM 21 Loop Back Test 22 Mechanical I2C Port Assignments BUS:Device address Slave Device RTS5411S USB3.1 HUB CAM I2C : 7'6Ah M.2 KEY-E WIFI/BT I2C2 : TBD NVIDIA CORPORATION ASSEMBLY PAGE DETAIL Jetson Nano Carrier Board Table of Contents NV\_PN PAGE DET ALL INVIDIA DESIGN SPECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS AND OTHER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, "MATERIALS") ARE BEING PROVIDED 'AS IS'. THE MATERIALS MONTH OF THE MATERIALS OR OTHERWISE, EXPRESSED, IMPLIED, STATUTIORY OR OTHERWISE WITH RESPECT TO THE MATERIALS OR OTHERWISE, AND EXPRESSLY DISCLAIMS MILED WARRANTIES INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF DESIGN, OF NONINFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, TRADE USAGE, TRADE PRACTICE, OR INDUSTRY STANDARDS. PCB REV BOM REV PAGE 1 C DATE 08-MAY-2019

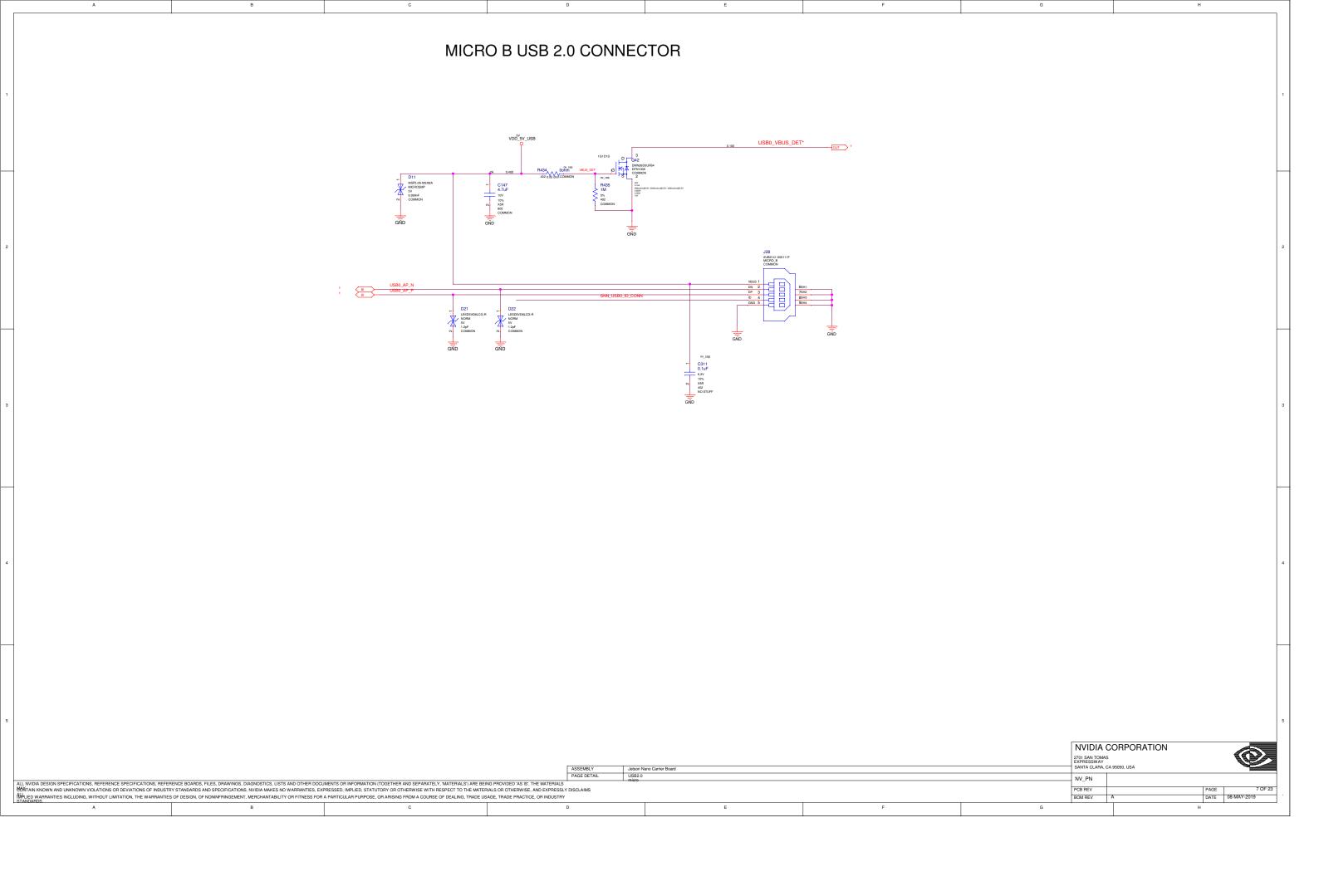


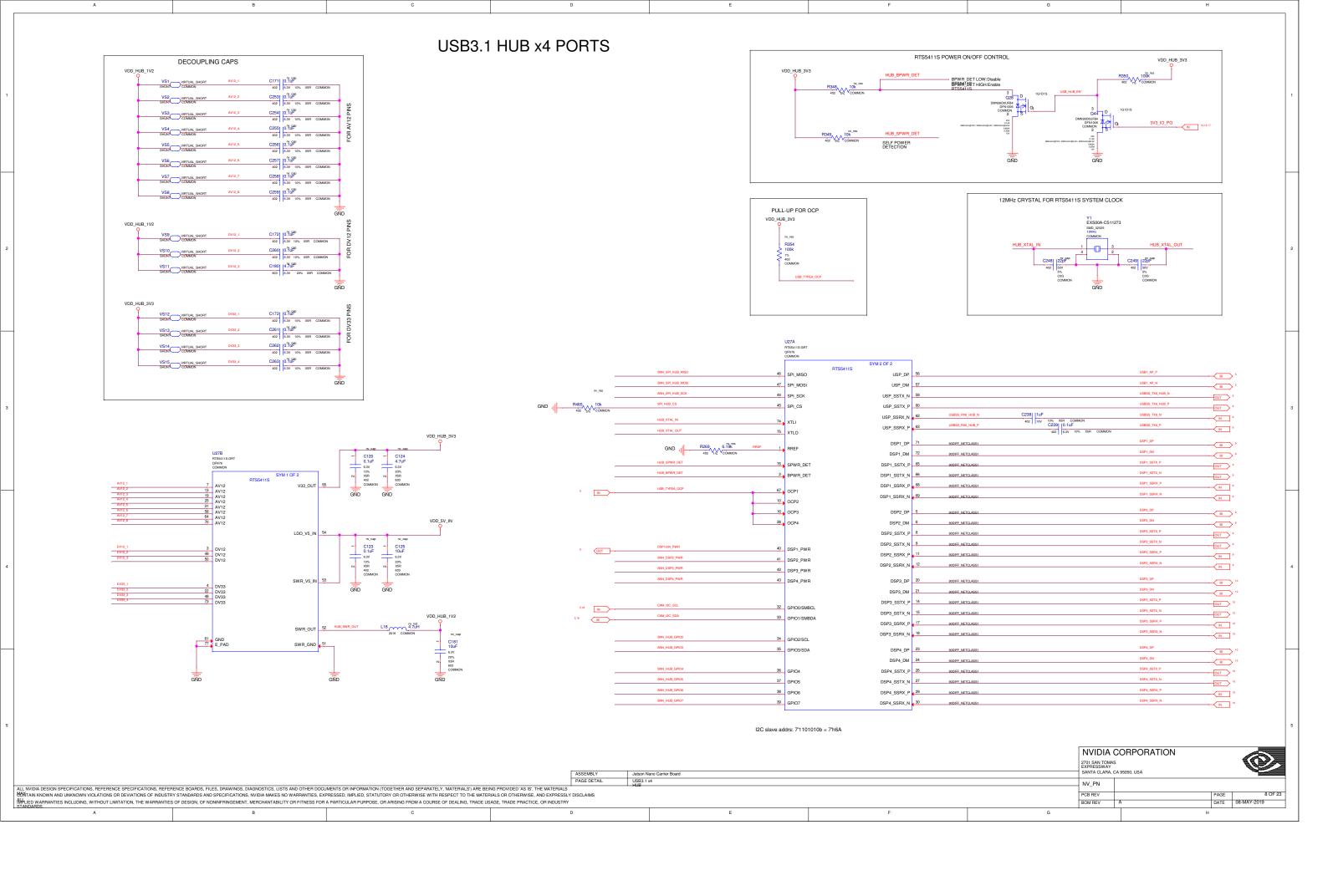


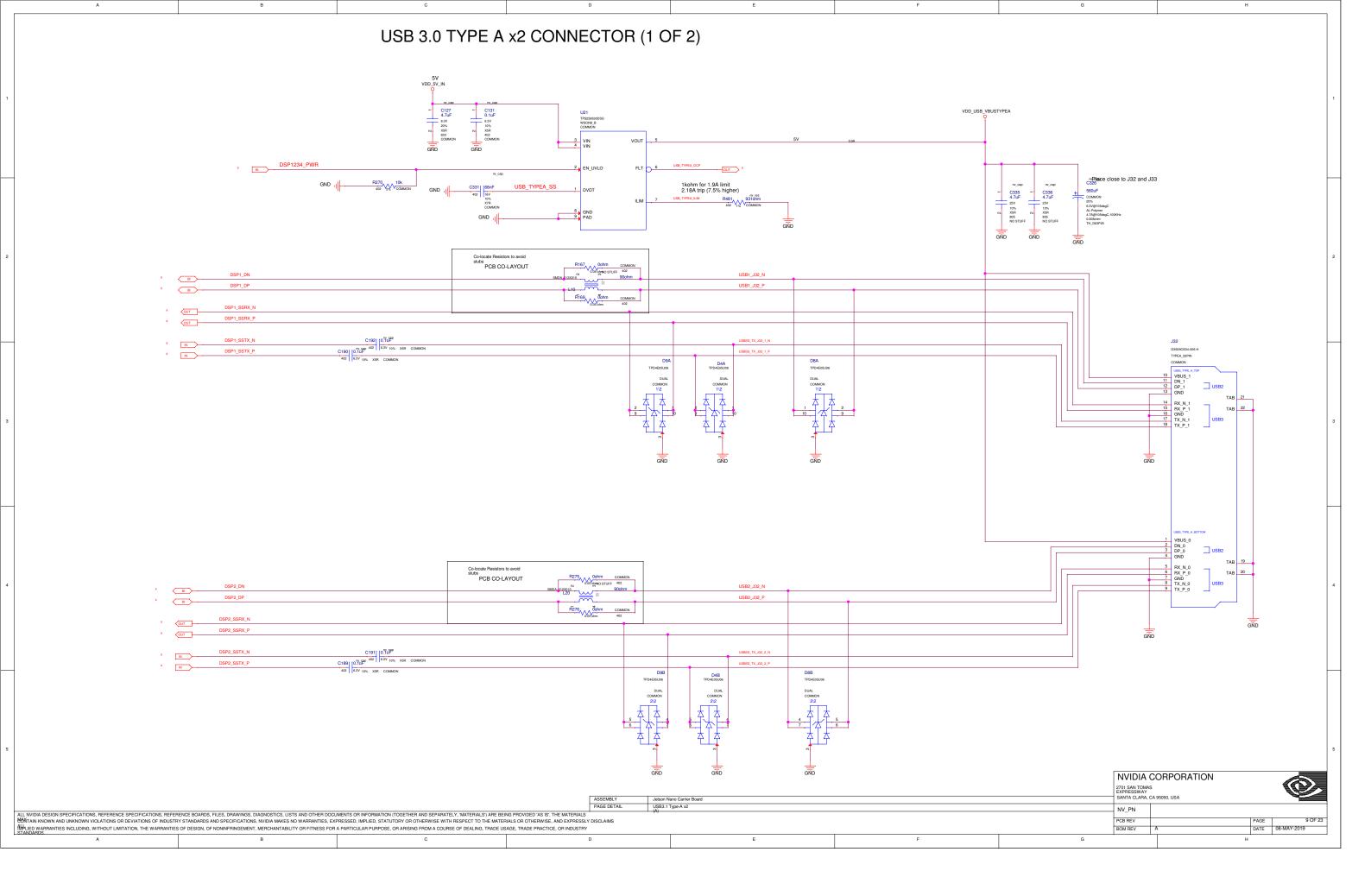


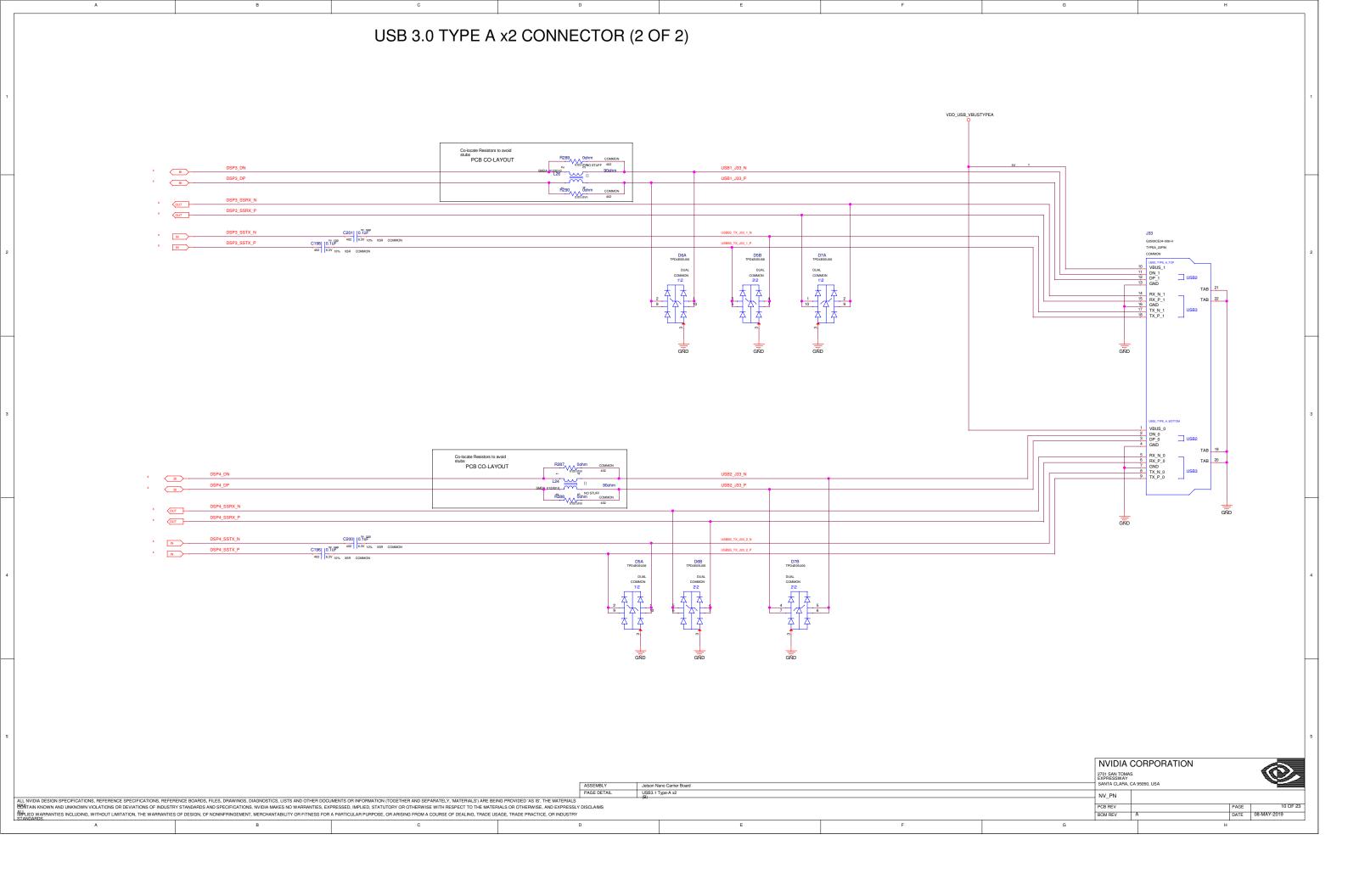


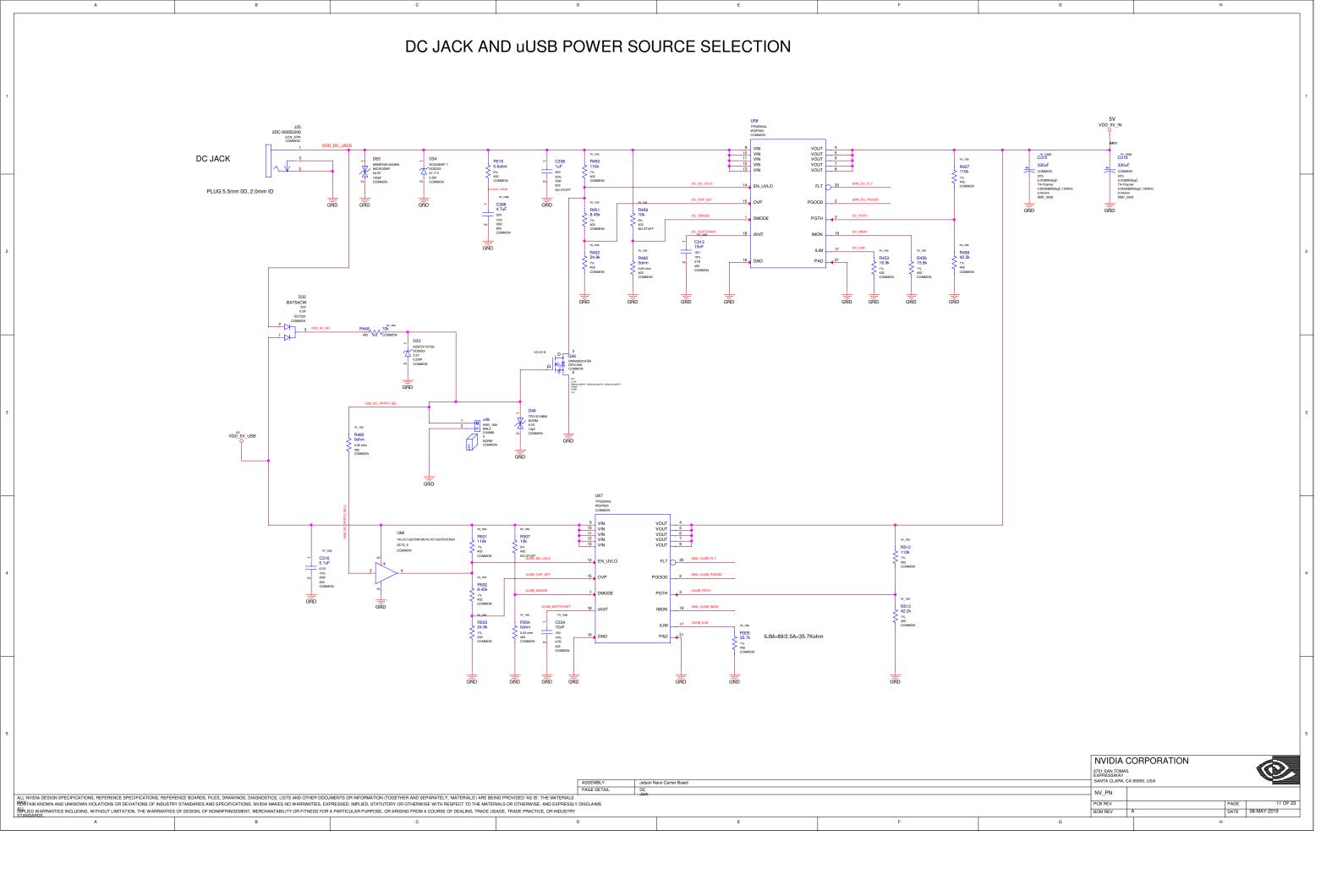




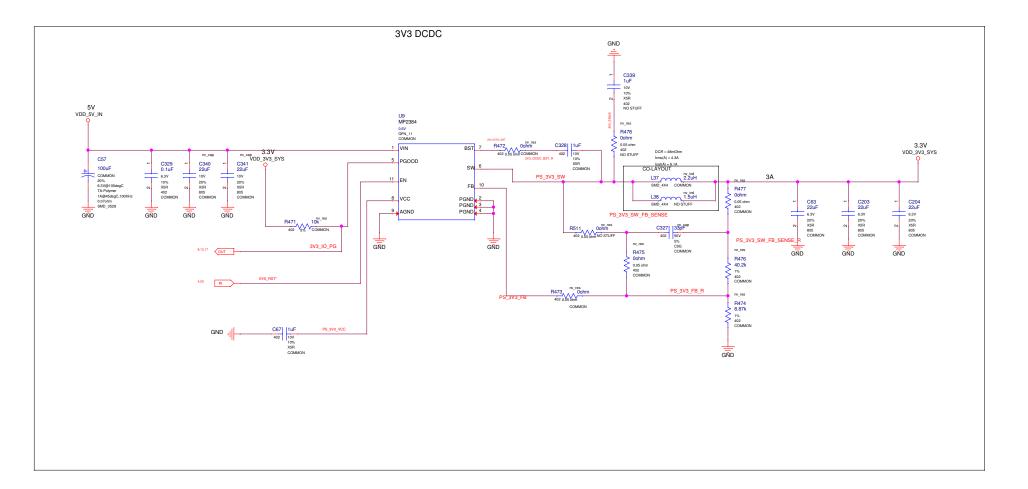


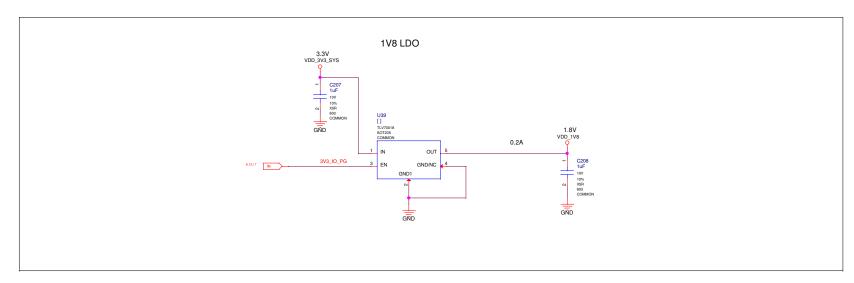






## 3V3 & 1V8 POWER SUPPLIES





ASSEMBLY Jetson Nano Carrier Board

ALL INVIDIA DE SIGN S PECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE SPECIFICATIONS, REFERENCE BOARDS, FILES, DRAWINGS, DIAGNOSTICS, LISTS AND OTHER DOCUMENTS OR INFORMATION (TOGETHER AND SEPARATELY, MATERIALS) ARE BEING PROVIDED 'AS IS: THE MATERIALS OR OTHERWISE, WITH AUTORY OR OTHERWISE, AND EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, AND EXPRESSED INSCLAIMS

MAY BE BOMEV A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, TRADE USAGE, TRADE PRACTICE, OR INDUSTRY

A B B C B B G H MAY-2019

