

82576

REFERENCE DESIGN

(COPPER)

PAGE INDEX

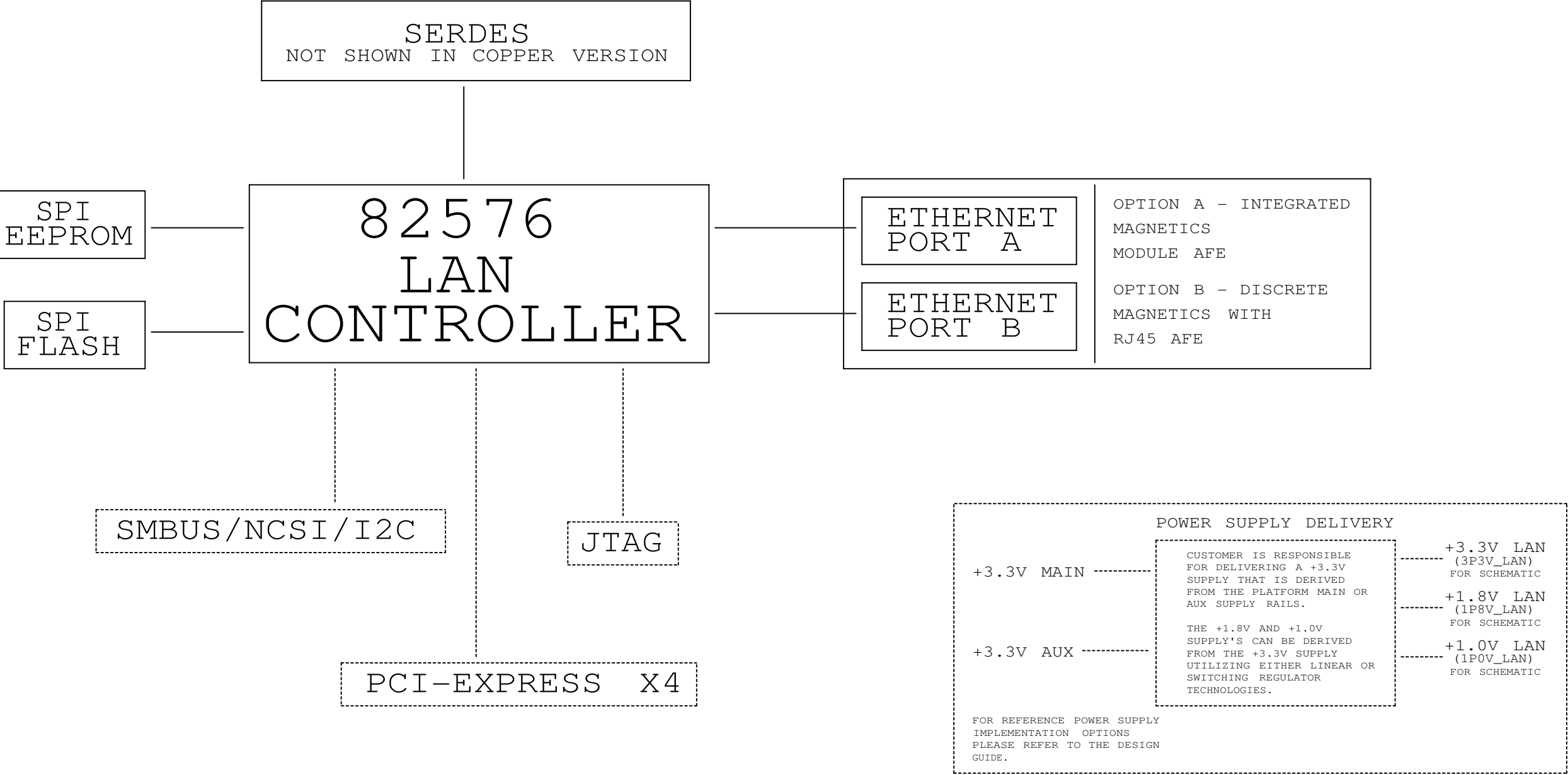
- 1 - TITLE PAGE
- 2 - FUNCTIONAL BLOCK DIAGRAM
- 3 - 82576 MDI, LEDS, CRYSTAL, SERDES, SFP, NCSI, SMBUS, EEPROM AND FLASH
- 4 - 82576 VCC3P3, VCC1P8, VCC1P0 AND VSS
- 5 - 82576 PCI EXPRESS, JTAG, AUX POWER, LAN DISABLE, MAIN POWER OK AND DEVICE OFF
- 6 - ANALOG FRONT END OPTION 1 - INTEGRATED MAGNETICS MODULE W/O USB
- 7 - ANALOG FRONT END OPTION 2 - DISCRETE MAGNETICS W/RJ45

REVISION HISTORY

- 0.1 ORIGINAL VERSION STARTED WITH 82575 AND UPDATED WITH 82576 PART.
- 1.0 UPDATED FOR BASED ON LATEST CHANGES.
- 2.0 RELEASED VERSION
- 2.1 UPDATED NC-SI NOTE

1 - TITLE PAGE

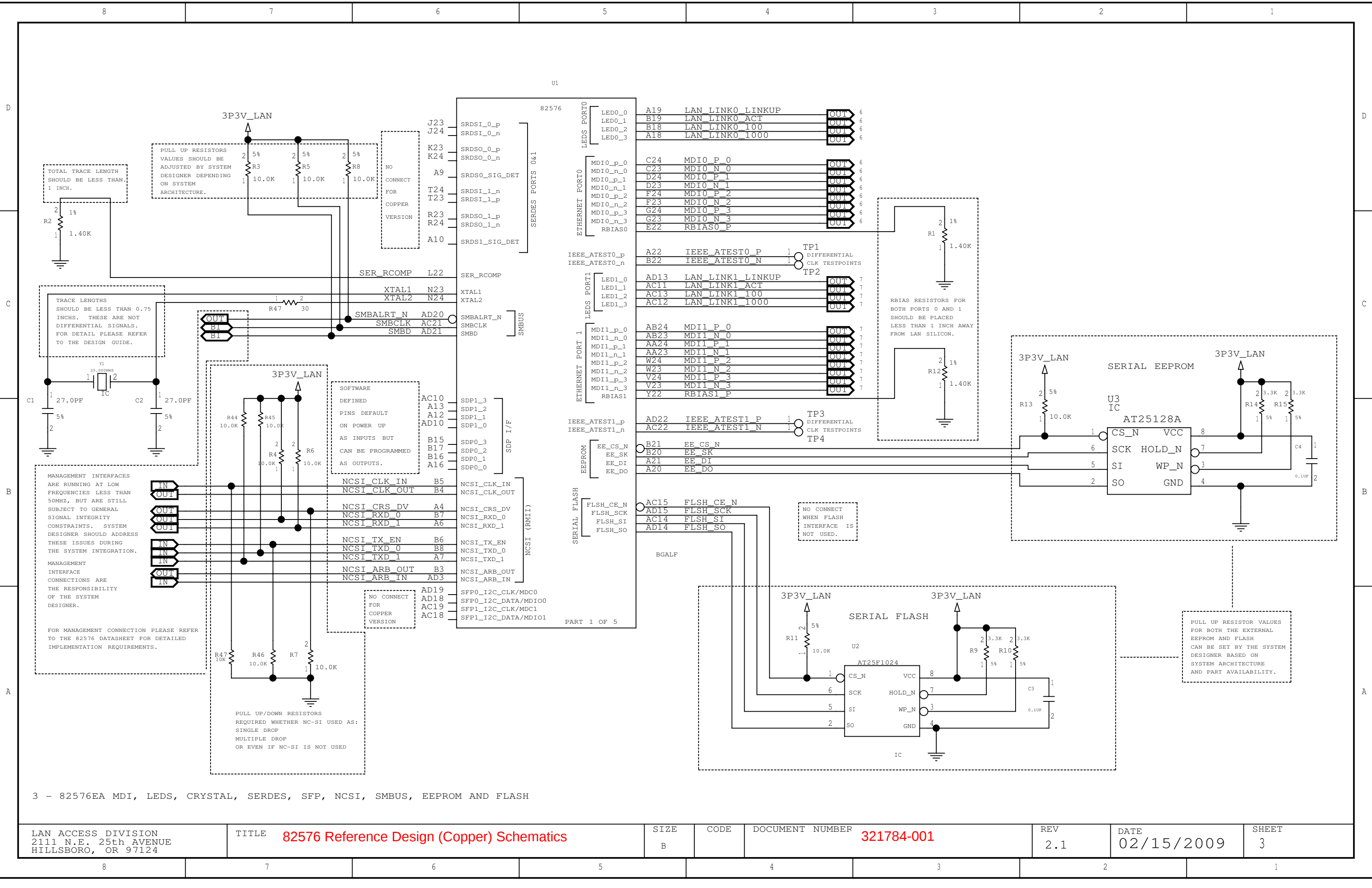
FUNCTIONAL BLOCK DIAGRAM

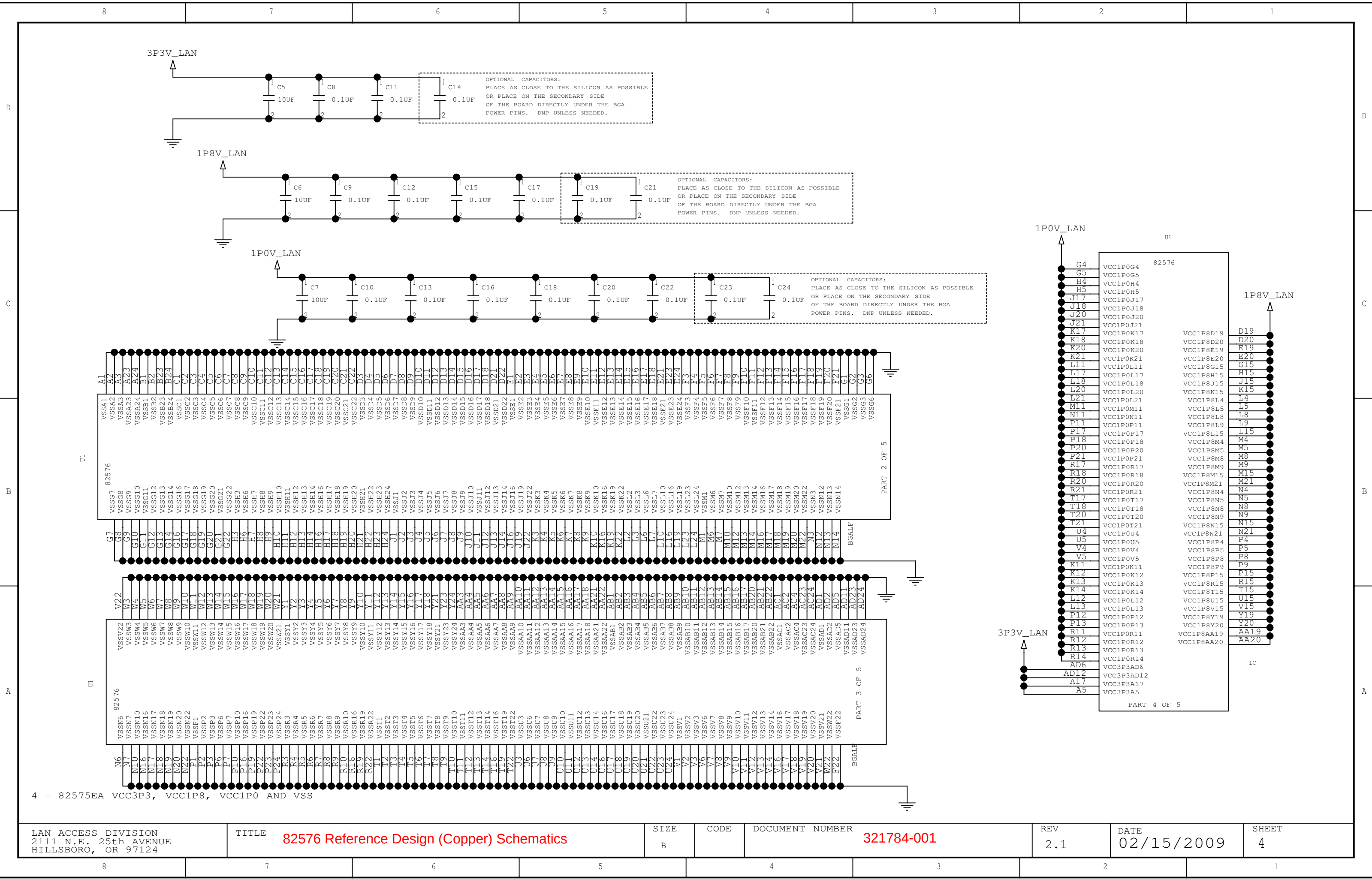


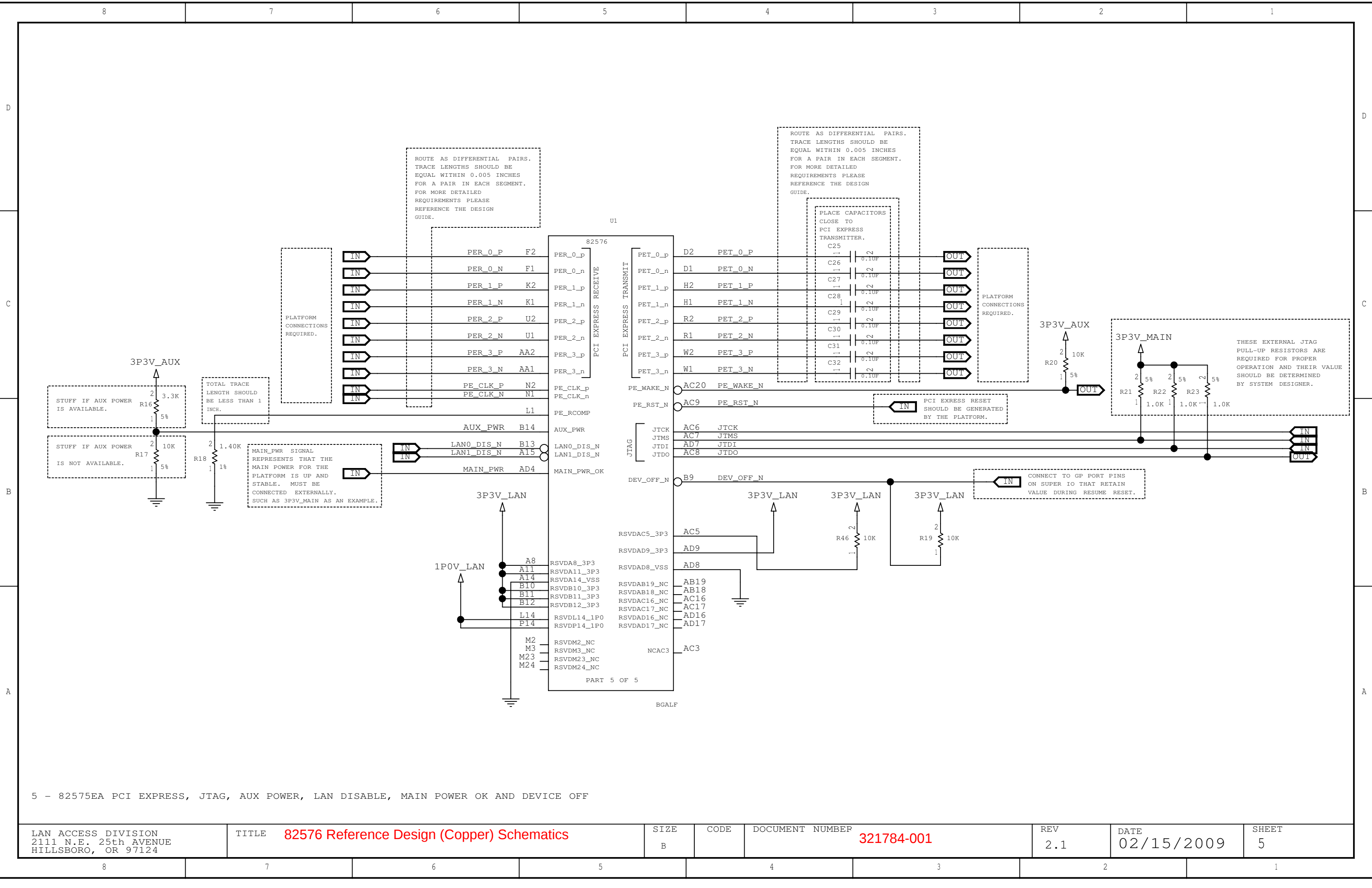
LEGEND

- SOLID LINE INDICATES THAT THE CONNECTIONS ARE SHOWN IN REFERENCE SCHEMATIC.
- DASHED LINE INDICATES THAT THE CONNECTIONS ARE NOT SHOWN IN REFERENCE SCHEMATIC.
- THESE CONNECTIONS ARE OWNED BY THE SYSTEM DESIGNER.

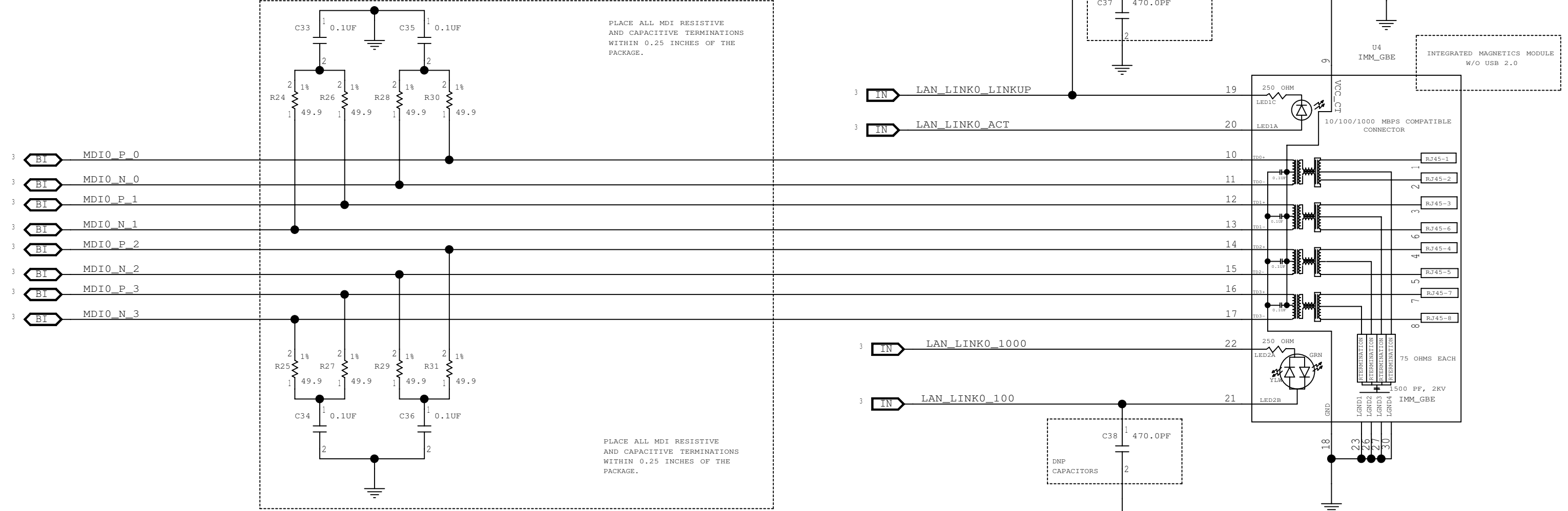
2 - FUNCTIONAL BLOCK DIAGRAM







THE INTEGRATED MAGNETICS MODULE SOLUTION
CAN BE UTILIZED FOR EITHER PORT A OR B.



6 - ANALOG FRONT END OPTION 1 - INTEGRATED MAGNETICS MODULE W/O USB

