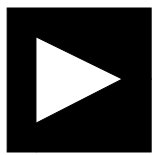
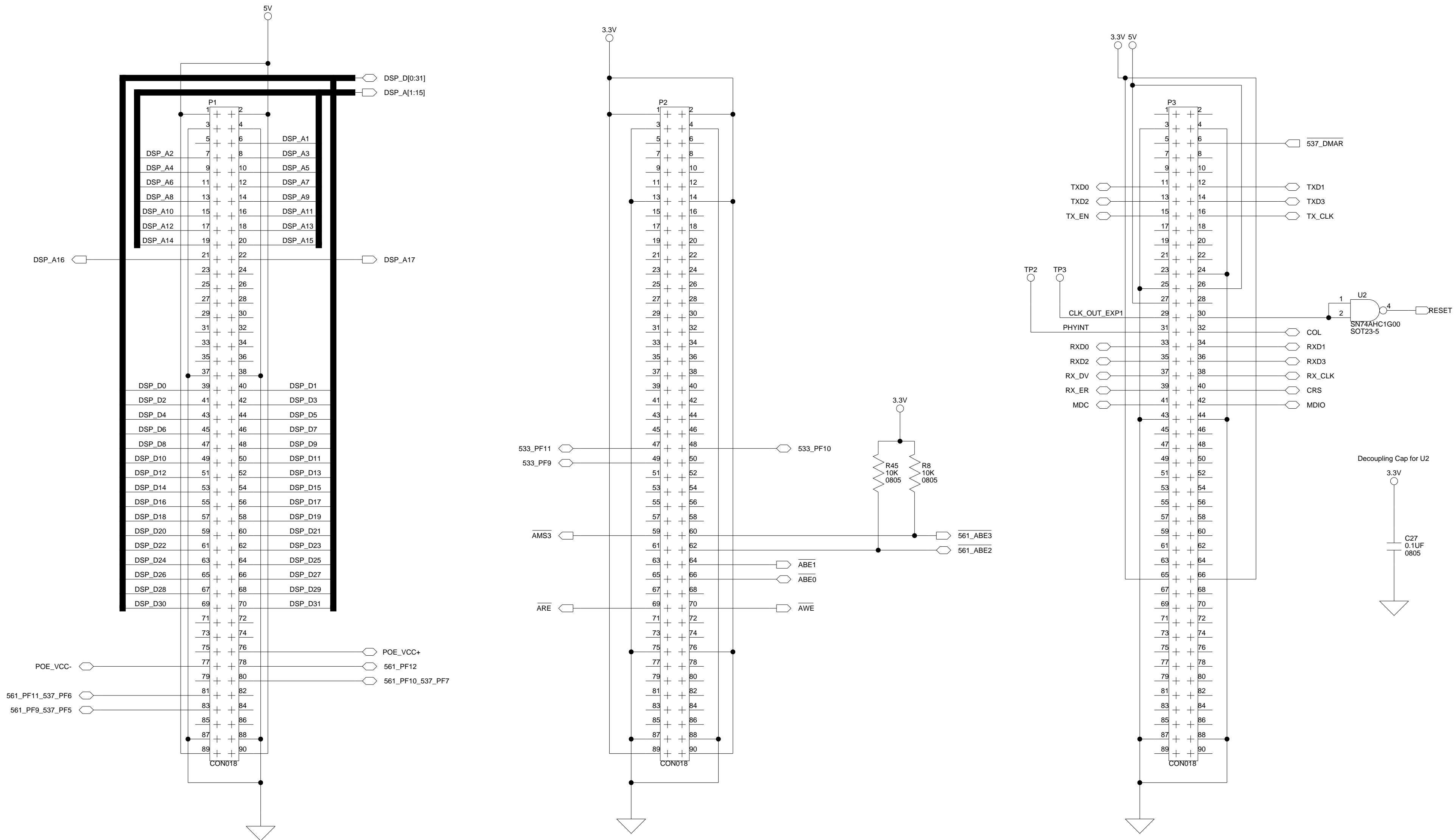


BLACKFIN USB-LAN EZ-EXTENDER

SCHEMATIC

<div><div><div></div></div><div><div>ANALOG</div><div>DEVICES</div></div><div><div>20 Cotton Road</div><div>Nashua, NH 03063</div><div>PH: 1-800-ANALOGD</div></div></div>			
Title		BLACKFIN USB-LAN EZ-EXTENDER TITLE	
Size C	Board No. A0187-2003		Rev 2.0
Date	4-24-2006_9:43		Sheet 1 of 6

EXPANSION INTERFACE (TYPE B)



**ANALOG
DEVICES**

20 Cotton Road
Nashua, NH 03063
PH: 1-800-ANALOGD

Title **BLACKFIN USB-LAN EZ-EXTENDER
EXPANSION INTERFACE**

Size
C

Board No.

A0187-2003

Rev
2.0

Date

4-24-2006_9:43

Sheet

2

of

6

1

2

3

4

A

B

B

C

C

D

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

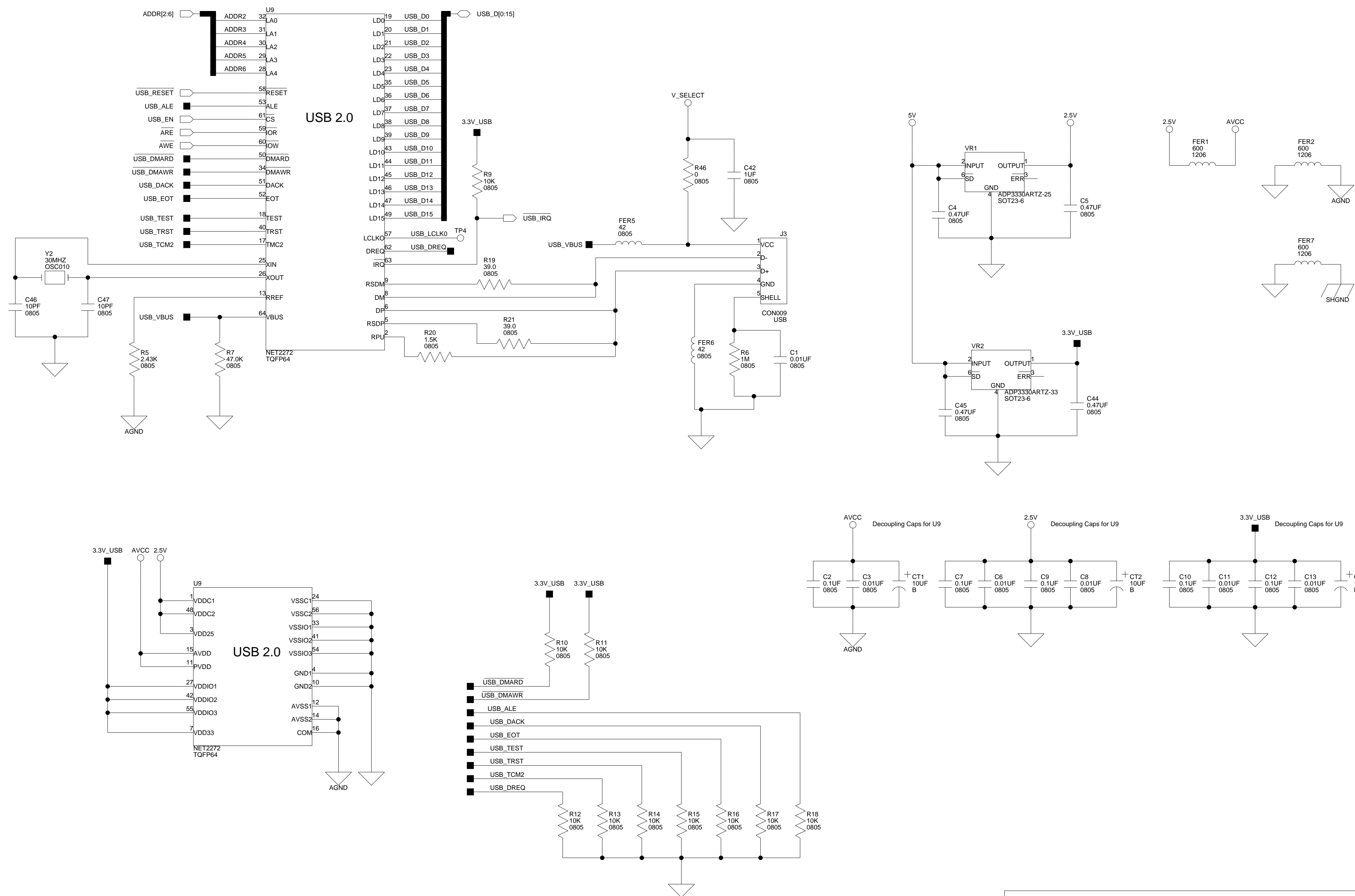
1

2

3

4

A



1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

2

3

4

A

B

C

D

1

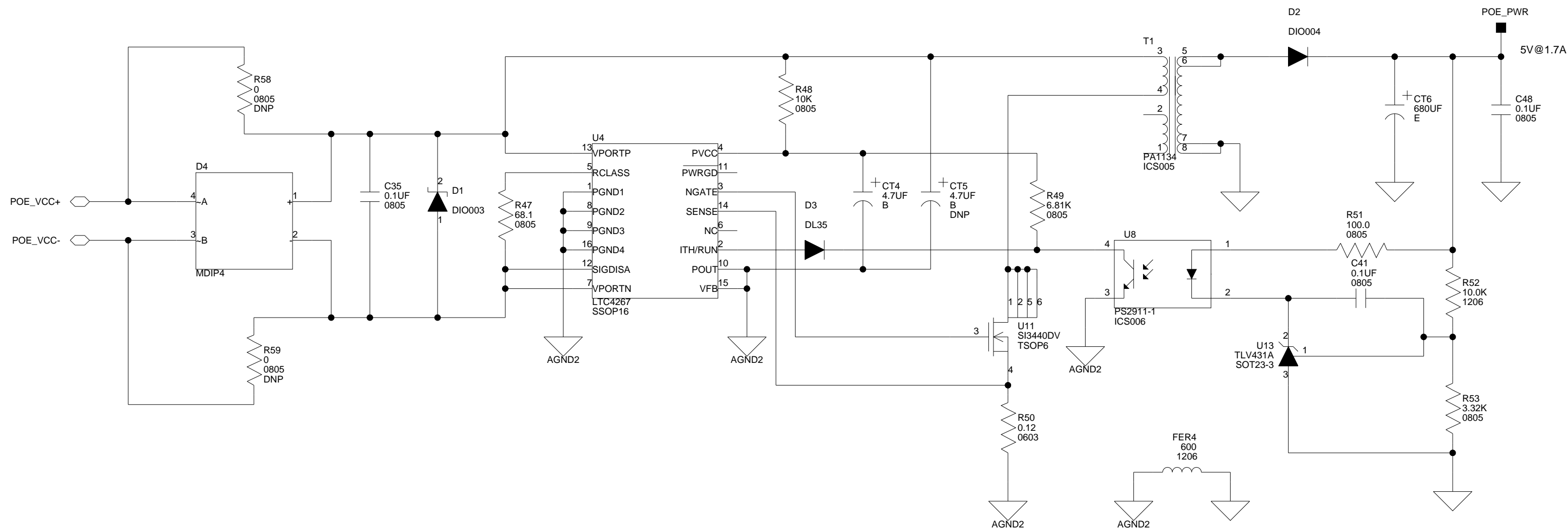
2

3

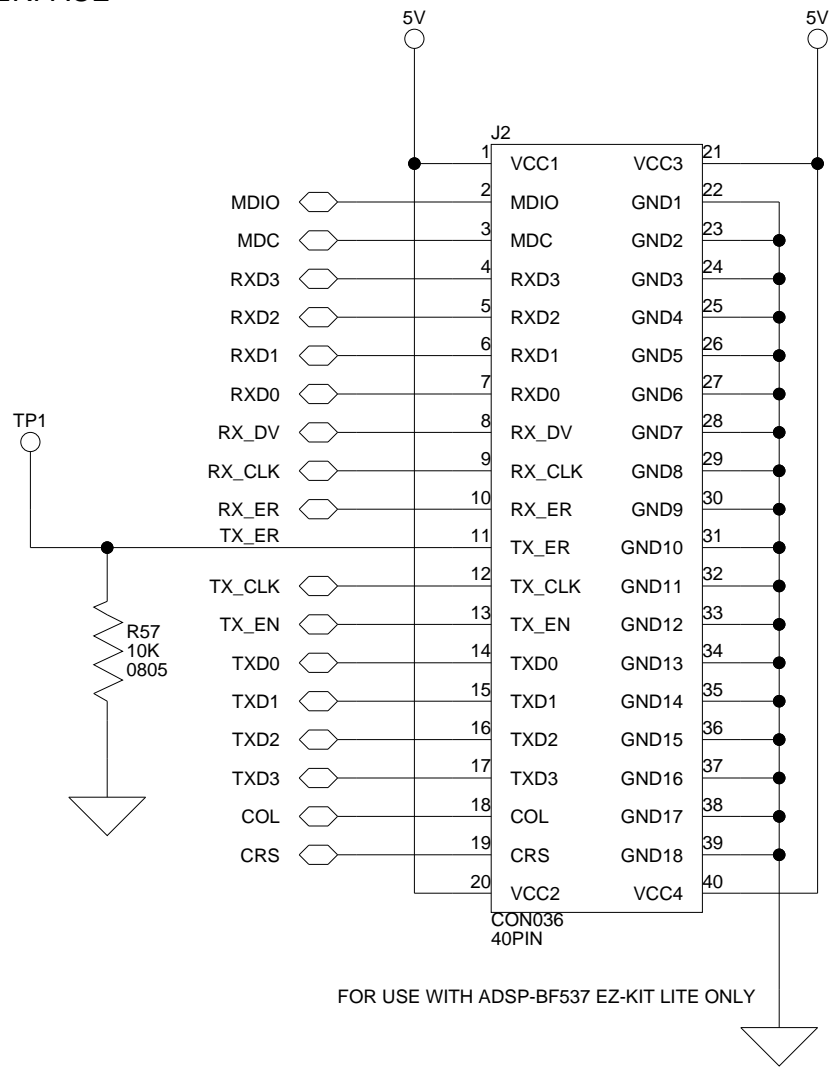
4

A

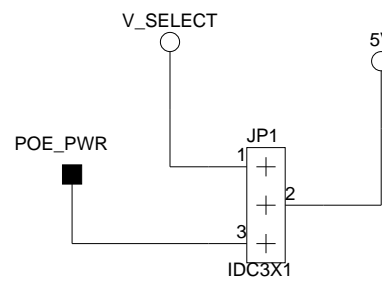
POWER OVER ETHERNET CIRCUITRY
FOR USE WITH ADSP-BF537 EZ-KIT LITE ONLY



MII INTERFACE

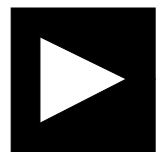


WARNING: THE EZ-KIT LITE MUST NOT BE POWERED
WHEN THESE JUMPERS ARE POPULATED.



SOURCE OF 5V PWR	JP1 SETTING
EZ-KIT POWER	* NO JUMPER
USB TEST MODE	JP1 and JP2
POE POWER ADSP-BF537 EZ-KIT LITE ONLY	JP2 and JP3

*DENOTES DEFAULT SETTING



**ANALOG
DEVICES**

20 Cotton Road
Nashua, NH 03063
PH: 1-800-ANALOGD

Title **BLACKFIN USB-LAN EZ-EXTENDER
POE, MII, PWR SELECTION**

Size
C

Board No.

A0187-2003

Rev
2.0

Date

4-24-2006_9:43

Sheet

6

of

6