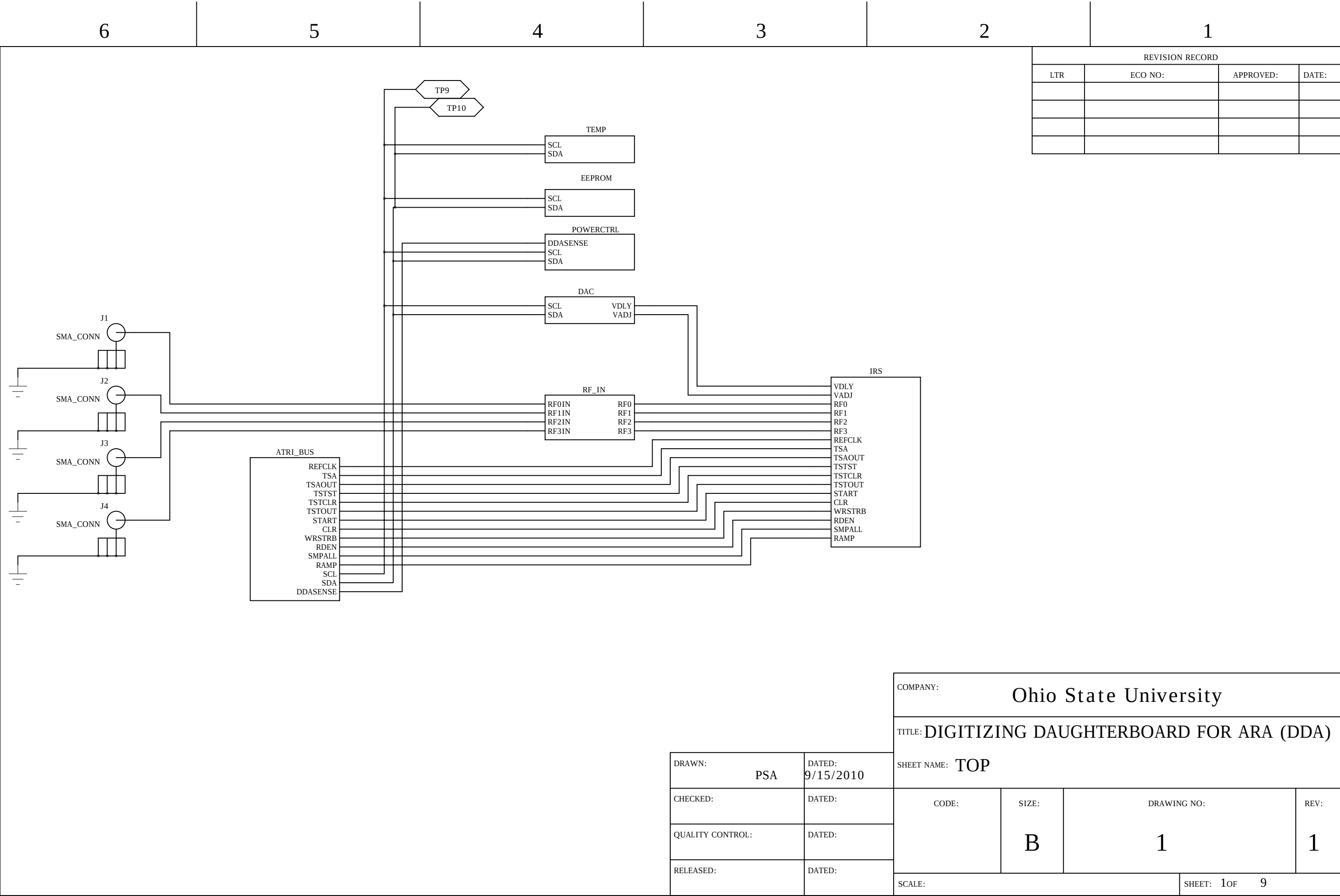
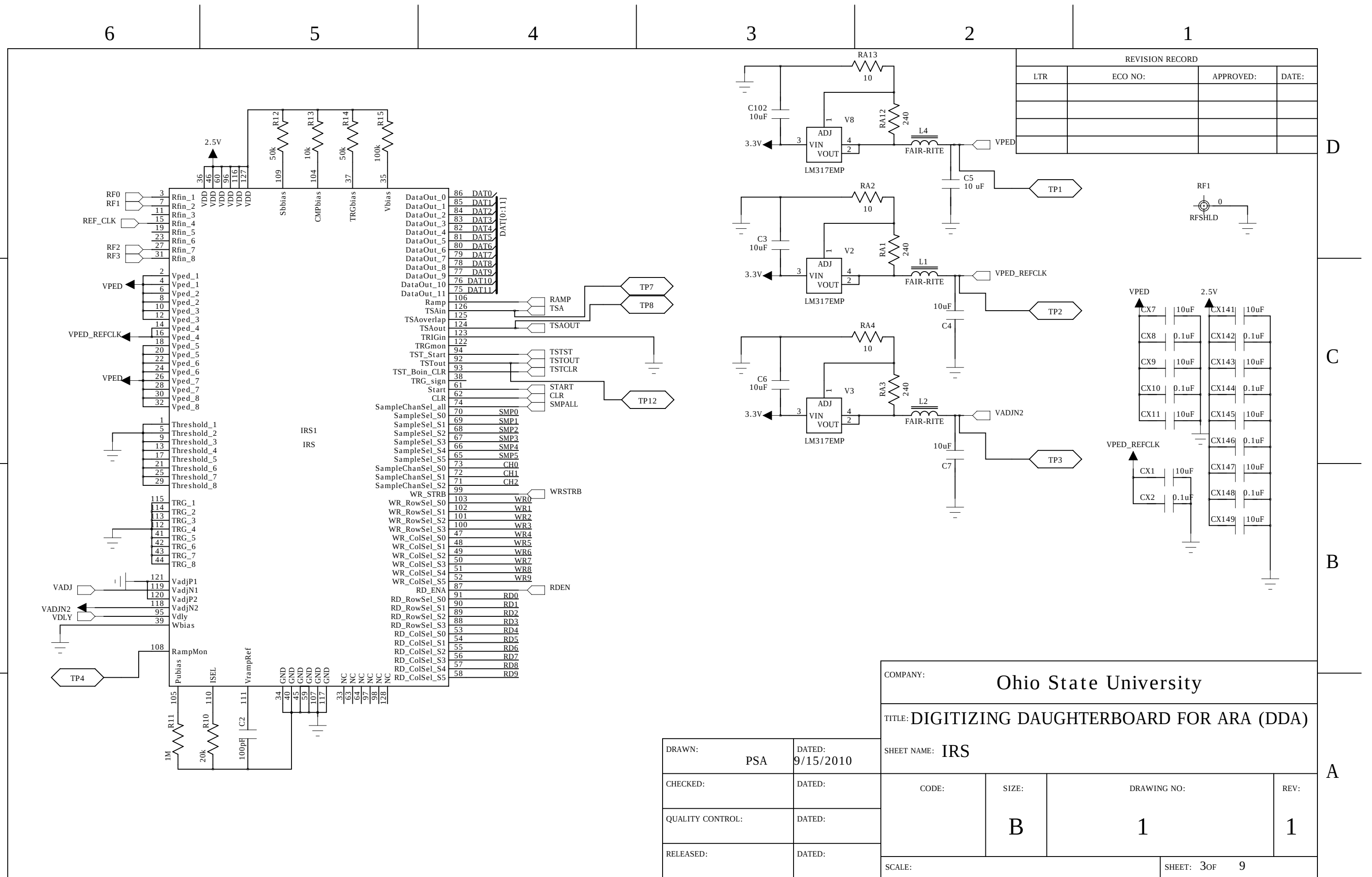






6

5

4

3

2

1

REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:

DDA gets A2/A1/A0 = 0/0/0
Device address is 1010000X (0xA0)

1A0

2A1

3A2

4VSS

U2
24LC32A

VCC8

WP7

SCL6

SDA5

3.3V

3.3V

3.3V

R8N/C

R910k

C110.1 uF

SCLSDA

DRAWN:
PSA

CHECKED:

QUALITY CONTROL:

RELEASED:

DATED:
9/15/2010

DATED:

DATED:

DATED:

COMPANY:
Ohio State University

TITLE:
DIGITIZING DAUGHTERBOARD FOR ARA (DDA)

SHEET NAME:
EEPROM

CODE:

SIZE:
B

DRAWING NO:
1

REV:
1

SCALE:

SHEET: 4OF 9

D

C

B

A

D

C

B

A

6

5

4

3

2

1

D

C

B

A

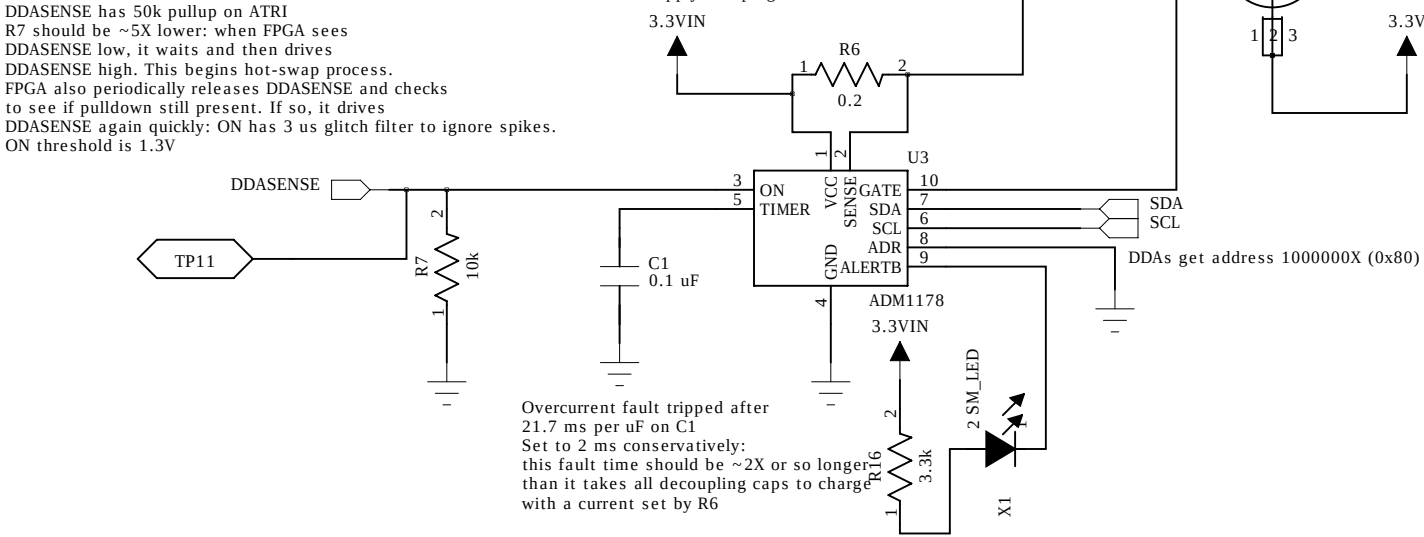
D

C

B

A

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMPANY: Ohio State University			
TITLE: DIGITIZING DAUGHTERBOARD FOR ARA (DDA)			
SHEET NAME: POWERCTRL			
CODE:	SIZE:	DRAWING NO:	REV:
	B	1	1
SCALE:		SHEET: 5 of 9	

DRAWN: PSA	DATED: 9/15/2010
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

6

5

4

3

2

1

D

C

B

A

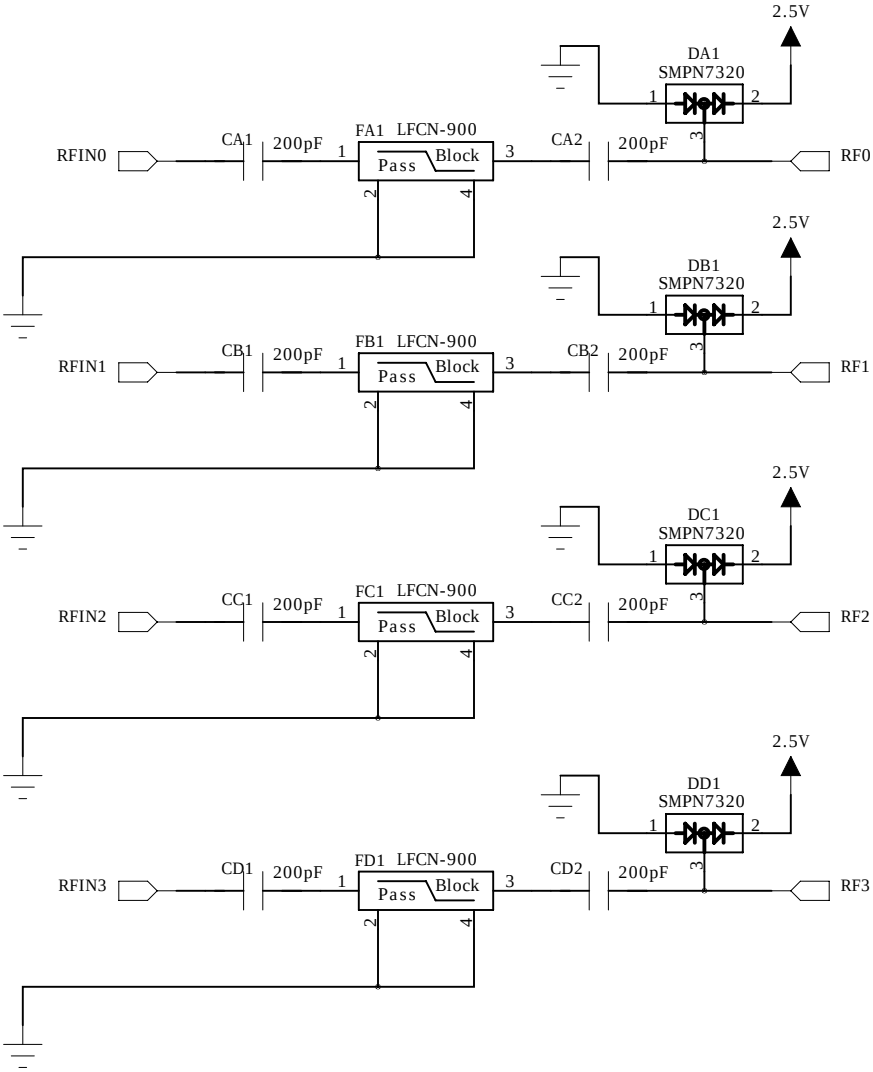
D

C

B

A

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



200 pF yields 100 MHz low-frequency 3 dB point on 50 ohm

COMPANY: Ohio State University			
TITLE: DIGITIZING DAUGHTERBOARD FOR ARA (DDA)			
SHEET NAME: RF_IN			
CODE:	SIZE:	DRAWING NO:	REV:
	B	1	1
SCALE:		SHEET: 6 OF 9	

DRAWN: PSA	DATED: 9/15/2010
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

6

5

4

3

2

1

D

C

B

A

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

DRAWN: PSA		DATED: 9/15/2010		COMPANY: Ohio State University			
CHECKED:		DATED:		TITLE: DIGITIZING DAUGHTERBOARD FOR ARA (DDA)			
QUALITY CONTROL:		DATED:		SHEET NAME: POWER			
RELEASED:		DATED:		CODE:	SIZE: B	DRAWING NO: 1	REV: 1
				SCALE:		SHEET: 8 OF 9	

6

5

4

3

2

1

REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:

D

C

B

A

U6

tmp102aidrlr

SCL

SDA

1

6

2

GND

3

ALERT

V+

4

ADD0

3.3V

C12

0.1 uF

DDA gets 1001000X for temp sensor address

DRAWN:

PSA

CHECKED:

QUALITY CONTROL:

RELEASED:

DATED:

9/15/2010

DATED:

DATED:

DATED:

COMPANY:

Ohio State University

TITLE:

DIGITIZING DAUGHTERBOARD FOR ARA (DDA)

SHEET NAME:

TEMP

CODE:

SIZE:

B

DRAWING NO:

1

REV:

1

SCALE:

SHEET:

9

OF

9