

D

C

B

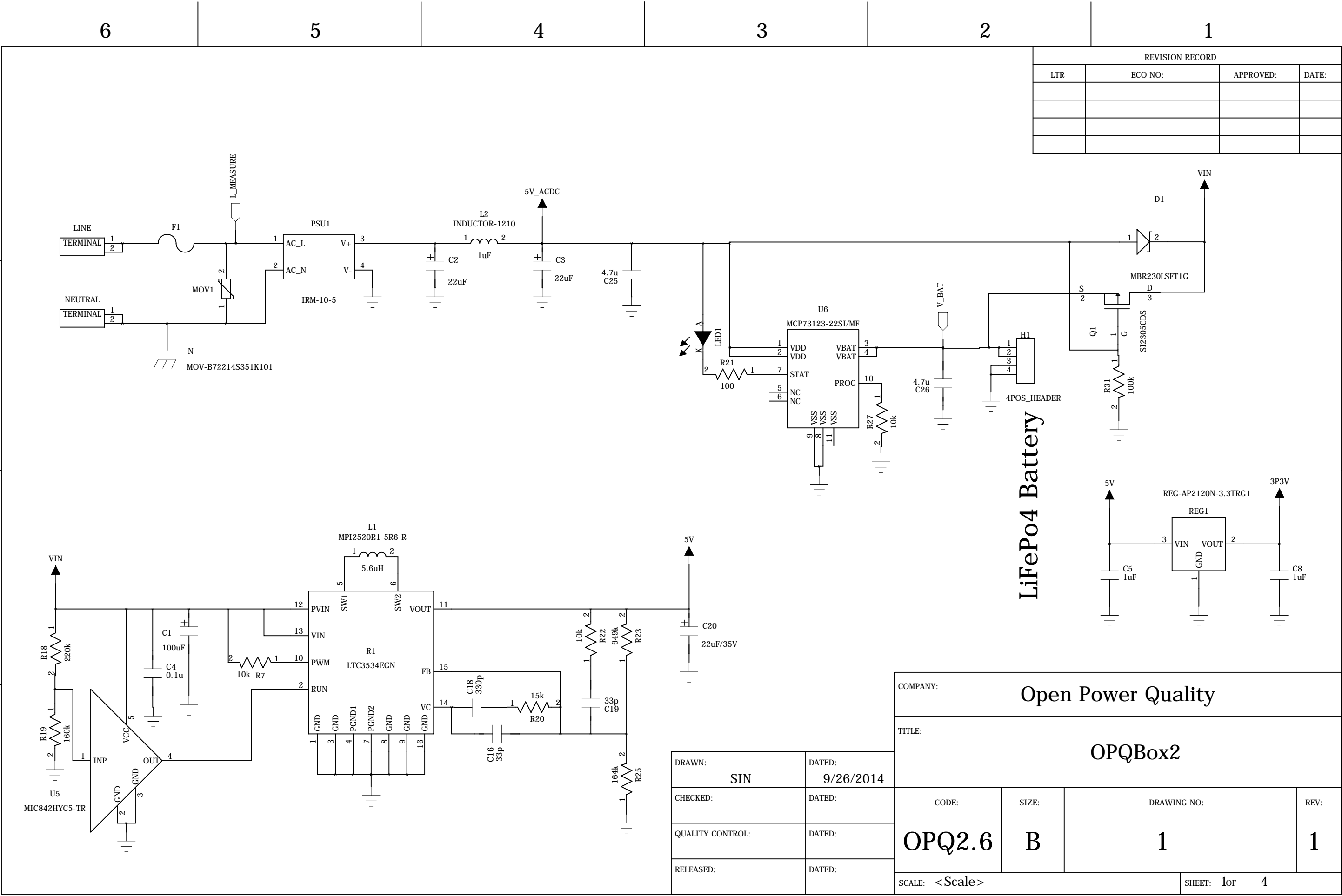
A

D

C

B

A



Q1

SI2305CDS

S

2

D

3

D1

MBR230LSFT1G

VIN

REG1

REG-AP2120N-3.3TRG1

VIN

3

VOUT

2

CND

1

C5

1uF

5V

C8

1uF

3P3V

L1

MPI2520R1-5R6-R

1

2

SW1

5

SW2

6

VOUT

11

R1

LTC3534EGN

PVIN

12

VIN

13

PWM

10

RUN

2

PGND1

4

PGND2

7

GND

8

GND

9

GND

16

VC

14

FB

15

C18

330p

R20

15k

C16

33p

R22

10k

R23

649k

R25

164k

C19

33p

C20

22uF/35V

5V

U5

MIC842HYC5-TR

INP

1

OUT

4

VCC

5

R18

220k

R19

180k

VIN

C1

100uF

C4

0.1u

R7

10k

L\_MEASURE

LiFePo4 Battery

5V

3P3V

DRAWN:	DATED:
SIN	9/26/2014
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

COMPANY: Open Power Quality			
TITLE: OPQBox2			
CODE: OPQ2.6	SIZE: B	DRAWING NO: 1	REV: 1
SCALE: <Scale>		SHEET: 1 of 4	

D

C

B

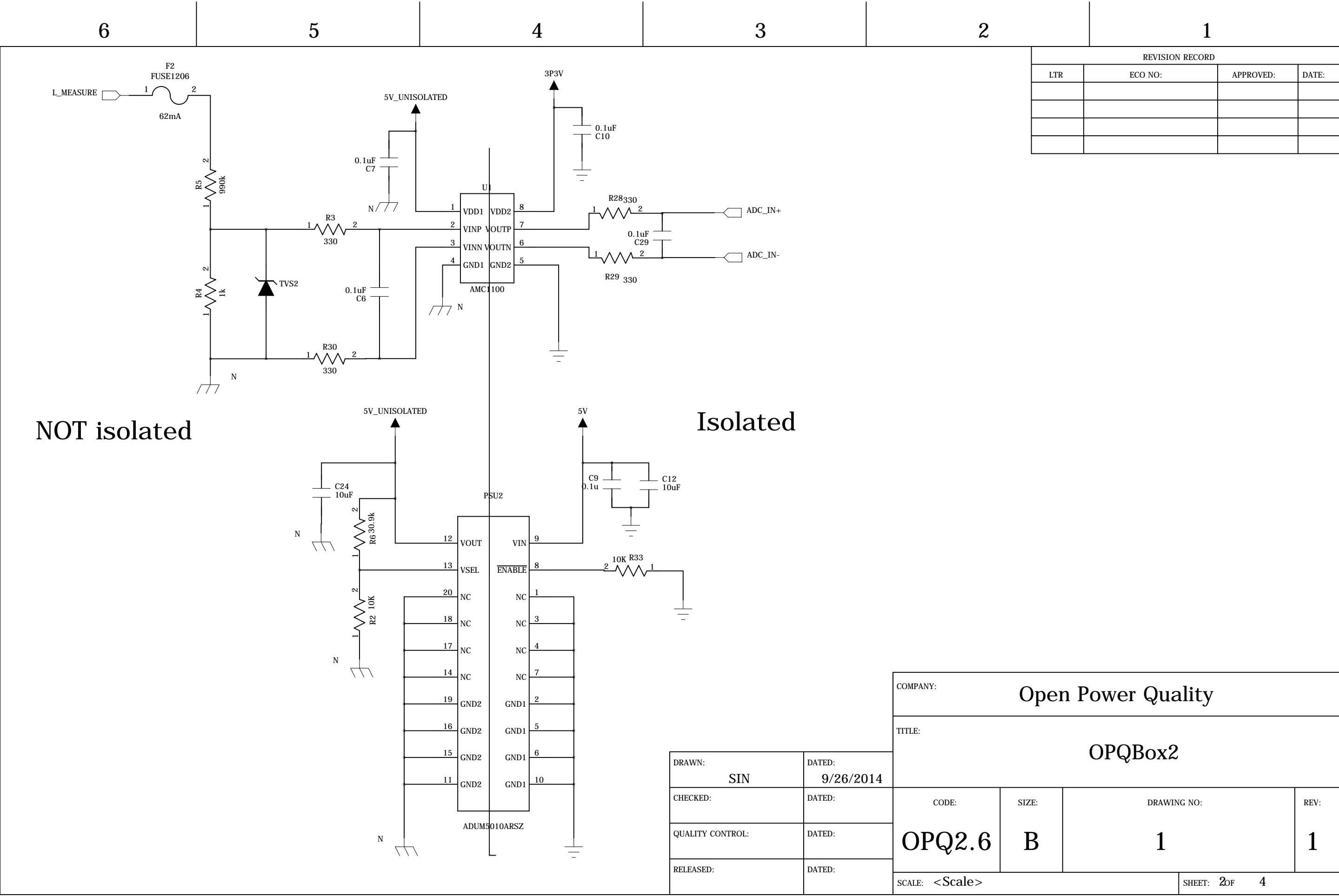
A

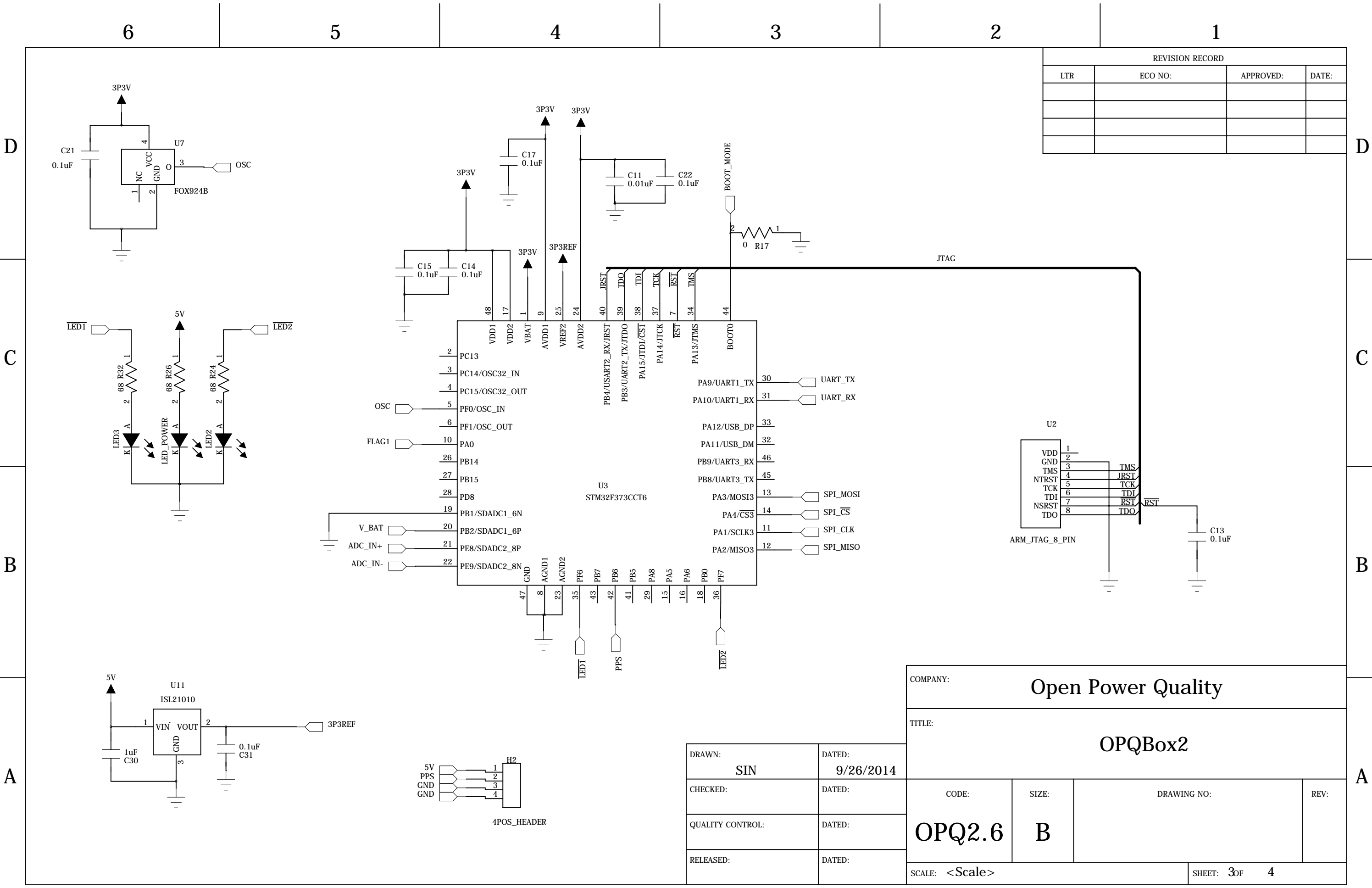
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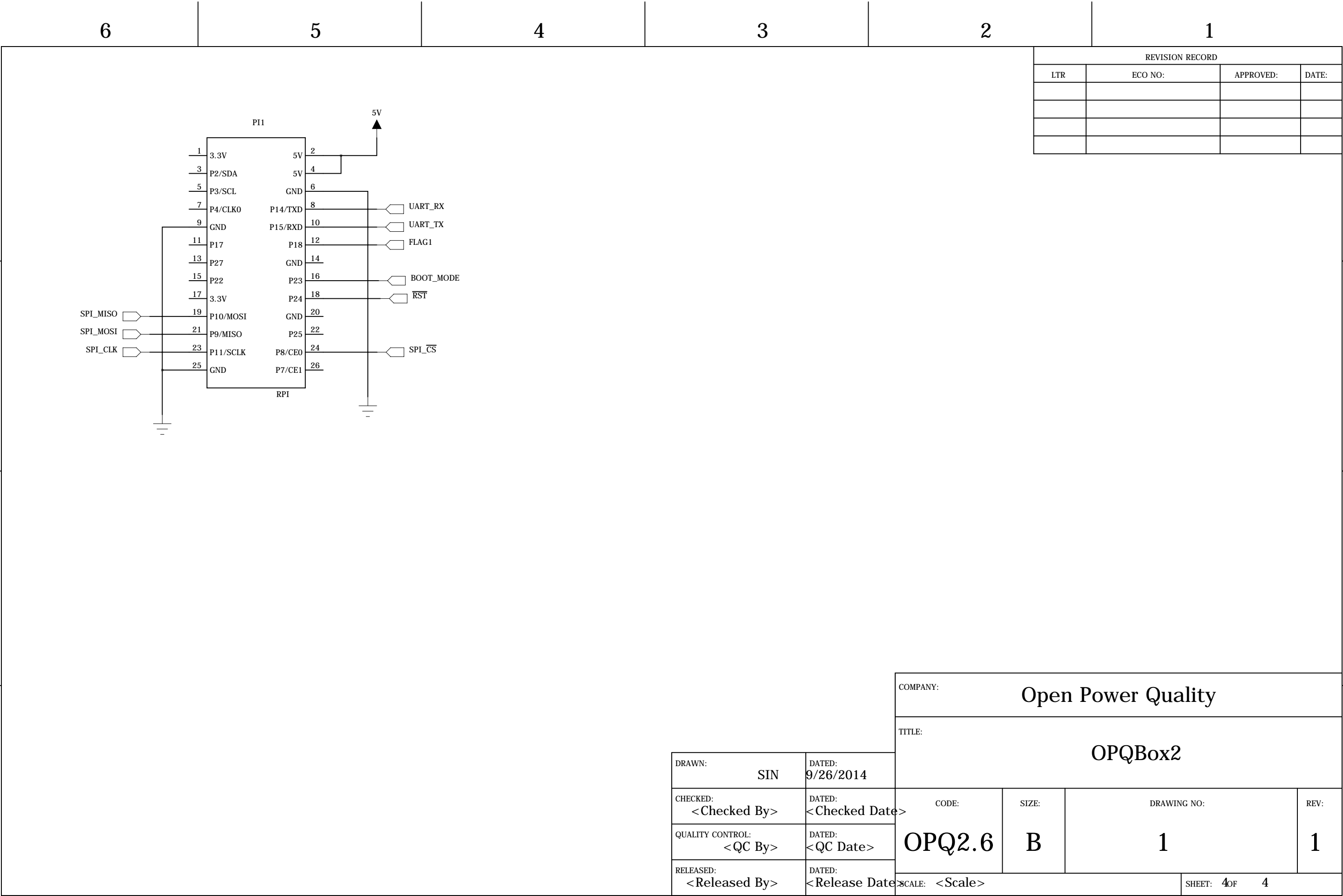
C

B

A







REVISION RECORD

LTR

ECO NO:

APPROVED:

DATE:

DRAWN:  
SIN

DATED:  
9/26/2014

CHECKED:  
<Checked By>

DATED:  
<Checked Date>

QUALITY CONTROL:  
<QC By>

DATED:  
<QC Date>

RELEASED:  
<Released By>

DATED:  
<Release Date>

COMPANY:  
Open Power Quality

TITLE:  
OPQBox2

CODE:  
OPQ2.6

SIZE:  
B

DRAWING NO:  
1

REV:  
1

SCALE: <Scale>

SHEET: 4 of 4