

6

5

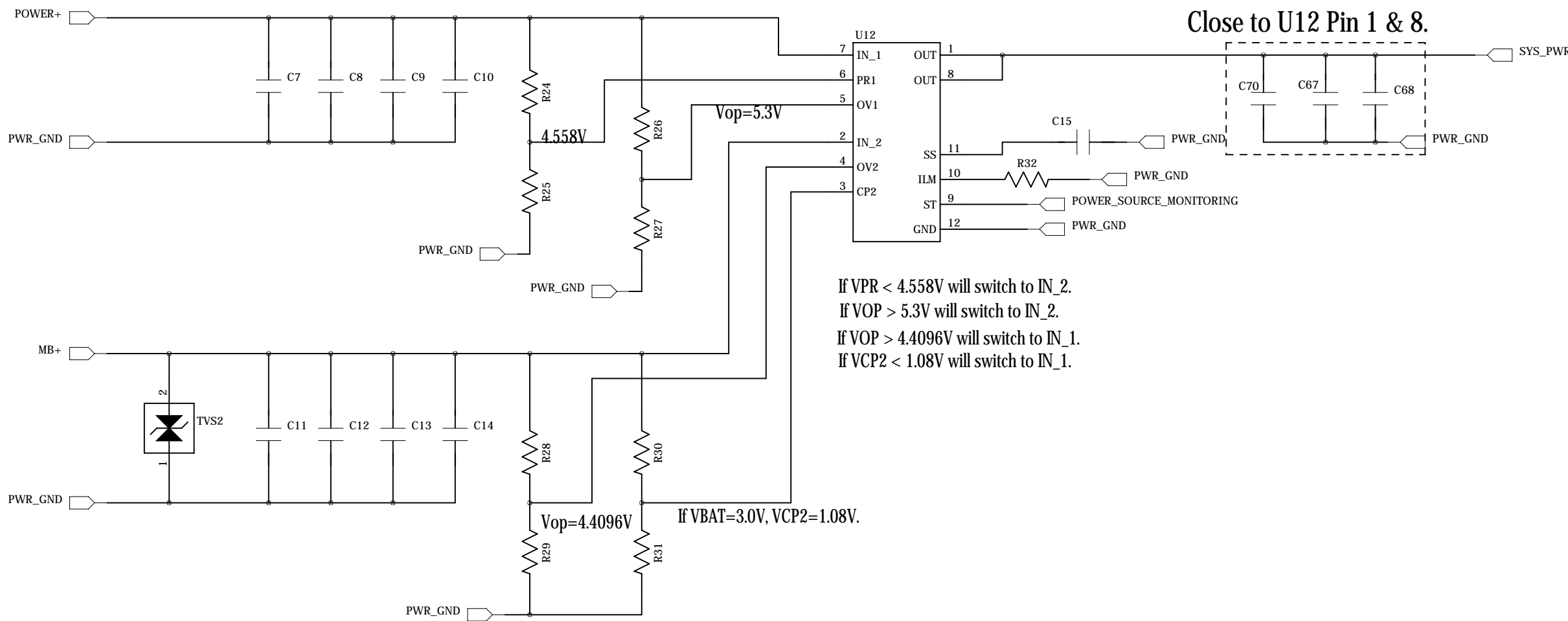
4

3

2

1

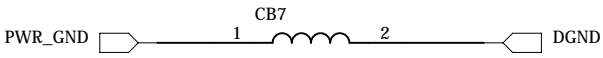
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



If VPR < 4.558V will switch to IN_2.
 If VOP > 5.3V will switch to IN_2.
 If VOP > 4.4096V will switch to IN_1.
 If VCP2 < 1.08V will switch to IN_1.

If VBAT=3.0V, VCP2=1.08V.

Close to U12 Pin 1 & 8.



COMPANY: <Company Name>			
TITLE: SafeWatch_EVT 2_Main Board			
DRAWN: Wesley	DATED: 2021.06.17	CODE: <Code>	SIZE: A3
CHECKED: <Checked By>	DATED: <Checked Date>	DRAWING NO: <Drawing Number>	
QUALITY CONTROL: <QC By>	DATED: <QC Date>	REV: A.2	
RELEASED: <Released By>	DATED: <Release Date>	SCALE: <Scale>	SHEET: 7 OF 17

DRAWN: Wesley	DATED: 2021.06.17
CHECKED: <Checked By>	DATED: <Checked Date>
QUALITY CONTROL: <QC By>	DATED: <QC Date>
RELEASED: <Released By>	DATED: <Release Date>

D

D

C

C

B

B

A

A

6

5

4

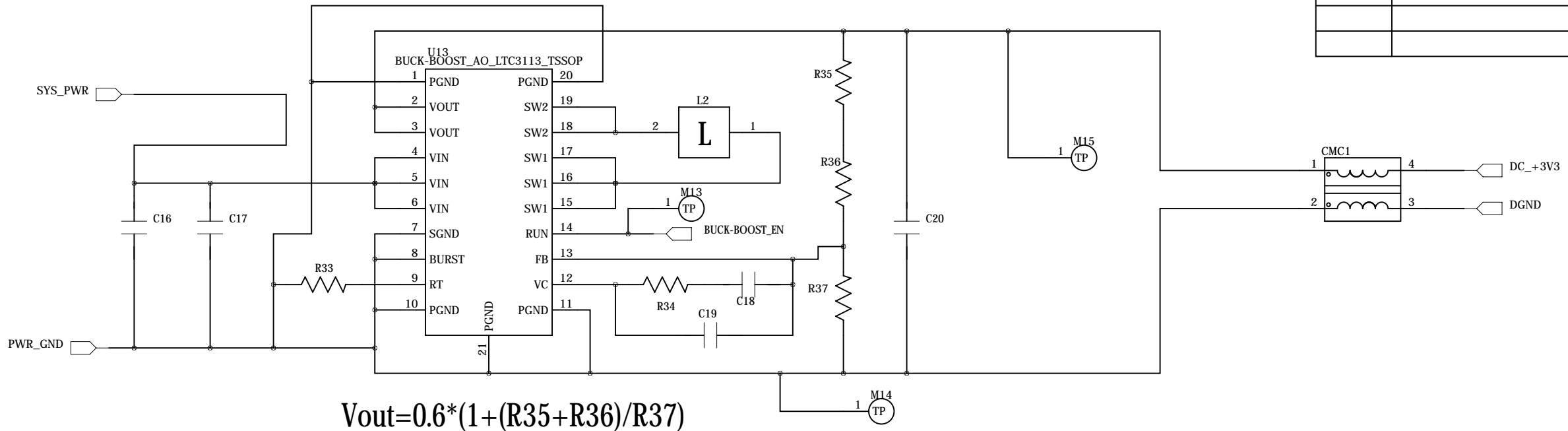
3

2

1

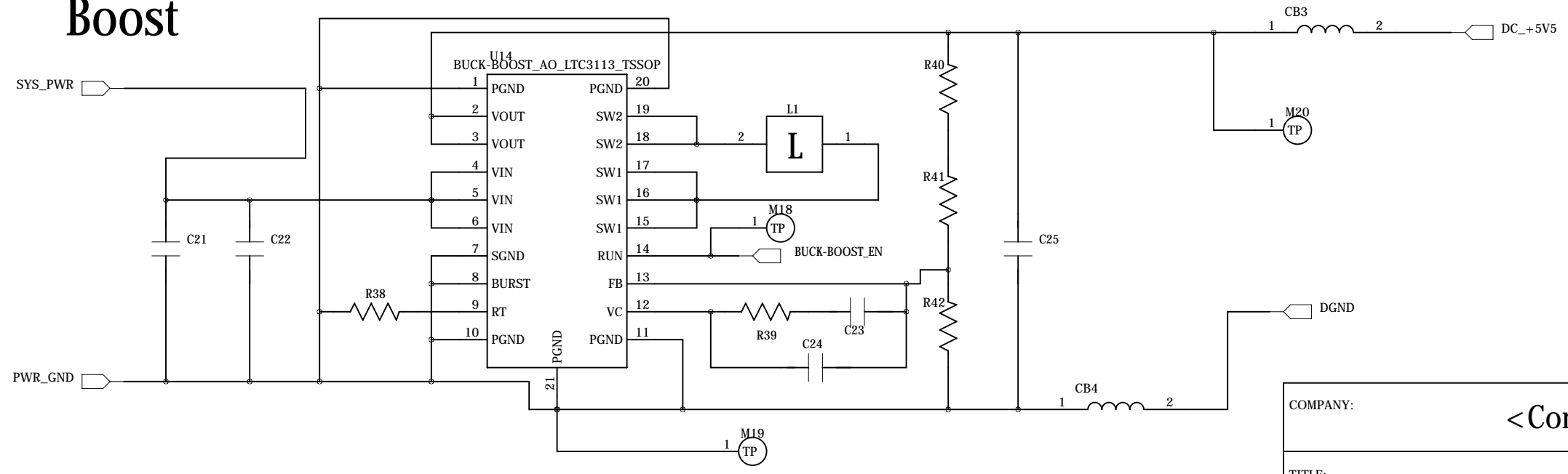
BUCK

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



$$V_{out} = 0.6 * (1 + (R_{35} + R_{36}) / R_{37})$$

Boost



$$V_{out} = 0.6 * (1 + (R_{40} + R_{41}) / R_{42})$$

COMPANY: <Company Name>

TITLE: SafeWatch_EVT 2_Main Board

DRAWN:	Wesley	DATED:	2021.06.17
CHECKED:	<Checked By>	DATED:	<Checked Date>
QUALITY CONTROL:	<QC By>	DATED:	<QC Date>
RELEASED:	<Released By>	DATED:	<Release Date>

CODE:	SIZE:	DRAWING NO:	REV:
<Code>	A3	<Drawing Number>	A.2