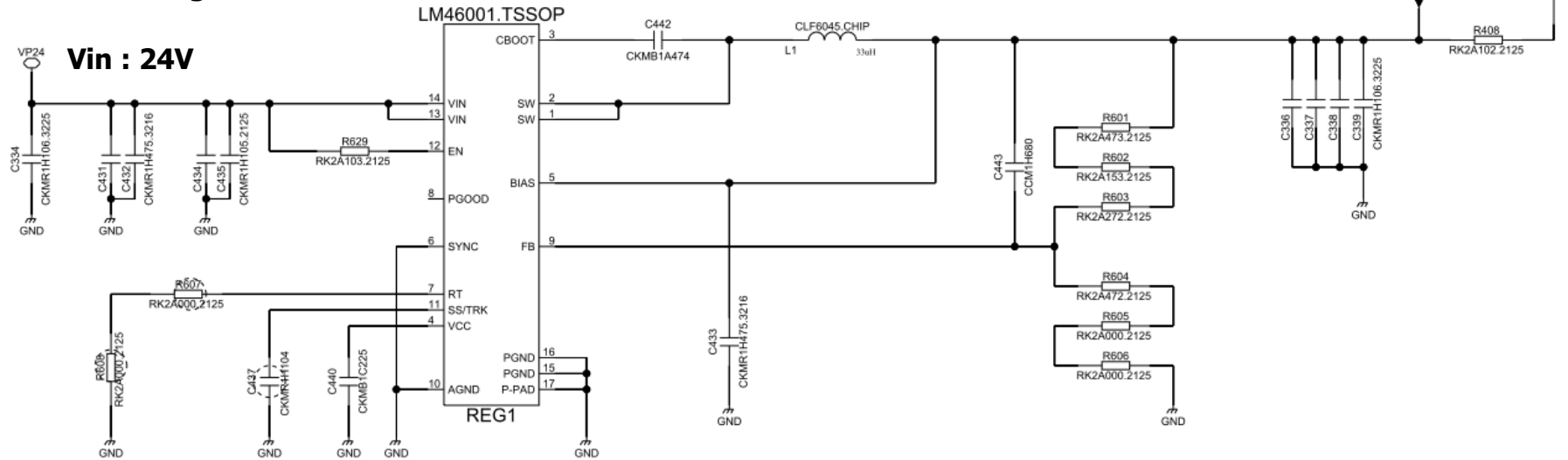


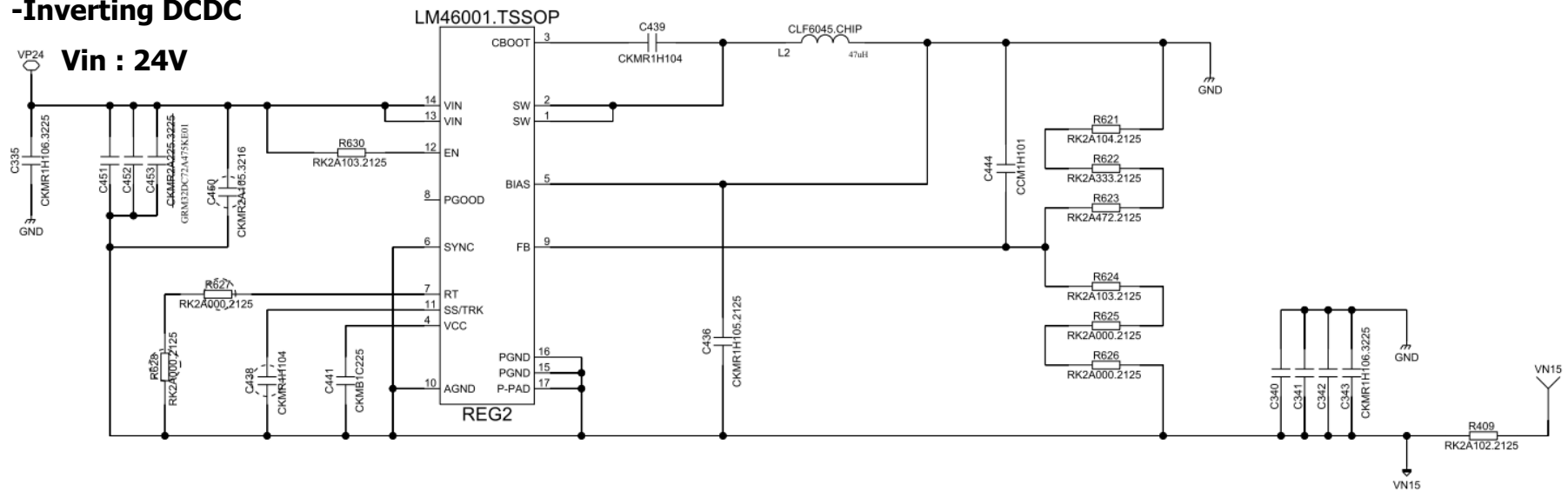
<The circuit of inverting and non-inverting DCDC using LM46001>

•Vout=15V
•Iout=0.2A~0.3A
(Load)

-Non inverting DCDC



-Inverting DCDC



•Vout=-15V
•Iout=0.2A~0.3A
(Load)

Please refer to our customer's circuit,

<Some failure?>

-Non inverting's LM46001 operates first, the **+0.6V(SW-GND)** is added to the SW2 of Inverting's LM46001. After that, LM46001's can't operate.

-Inverting's LM46001 operates first, the **-0.6V(SW-GND)** is added to the SW2 of Non inverting's LM46001. After that, LM46001's can't operate.

<Question1>

So, if the $\pm 0.6V$ is added to LM46001's SW pin, might the LM46001 not be able to operate?
In the first place, we guess that it is caused by Ground layout.

<Question2>

According to inverting DCDC, is there possibility which GND indefinite?

If you have some advice, could you let us know?