

5

4

3

2

1

D

D

C

C


B

B

A

A

This HDK is for MT7615 ePAeLNA 4x4 or 3x3 RFB configuration. For 3x3 application, please remove components of WF3 path on page:
02_MT7615_2.4G_TXRX_LC, 03_2.4G-Discrete PA/LNA, 07_Antenna, and 09_DPD.

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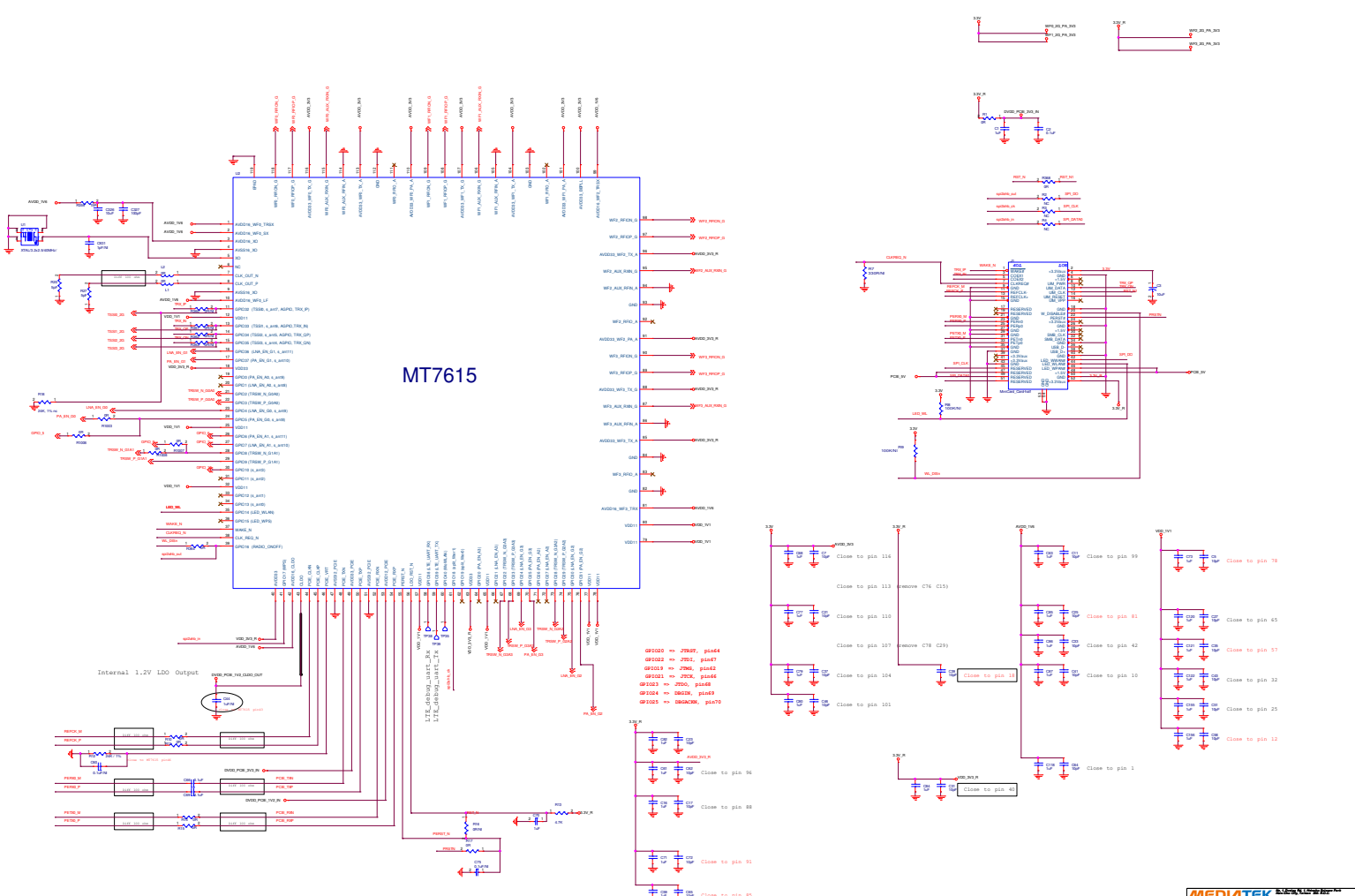
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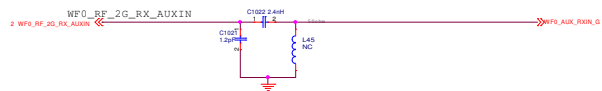
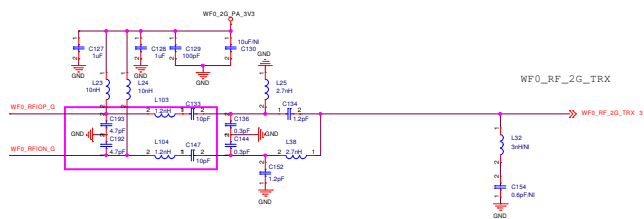
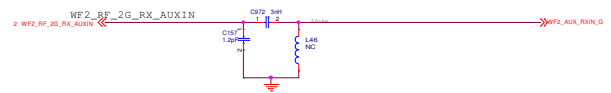
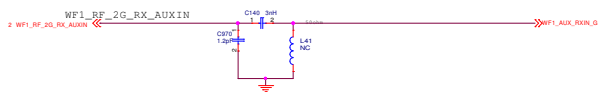
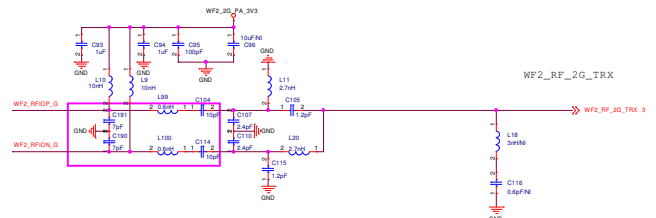
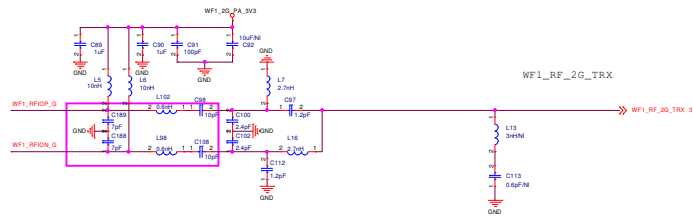
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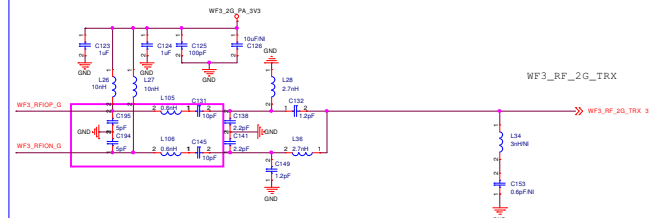
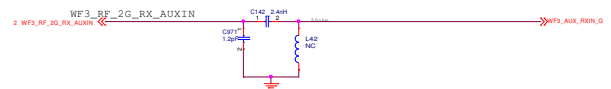
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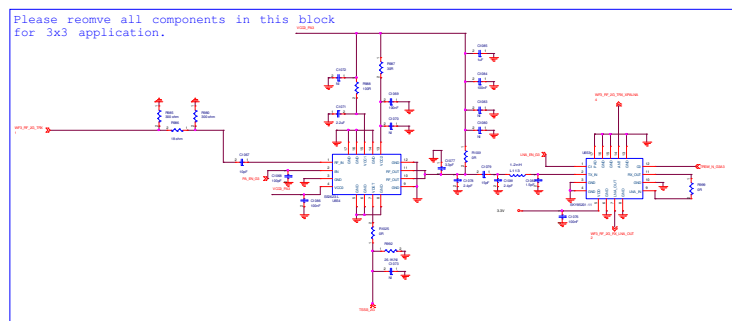
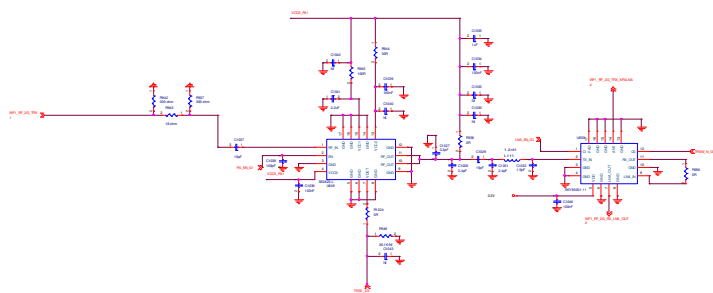
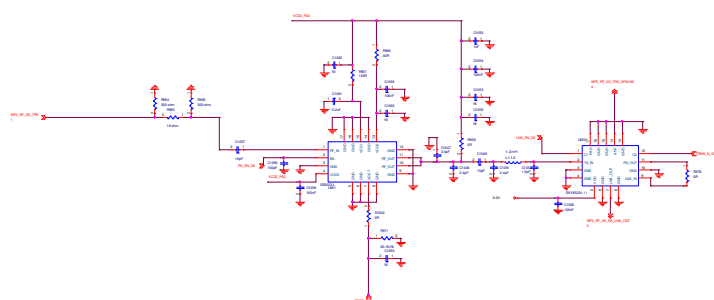
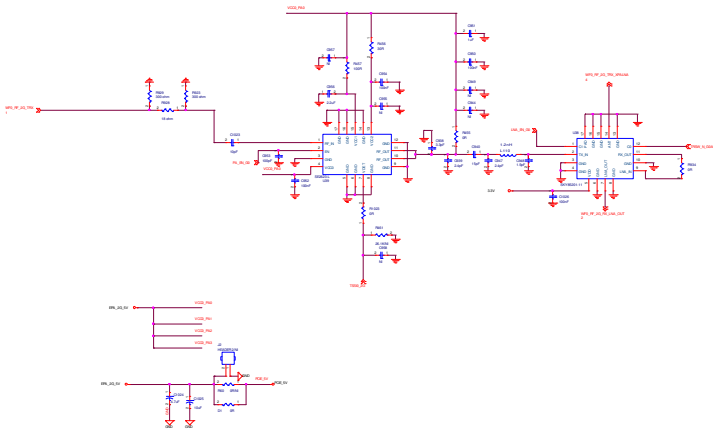
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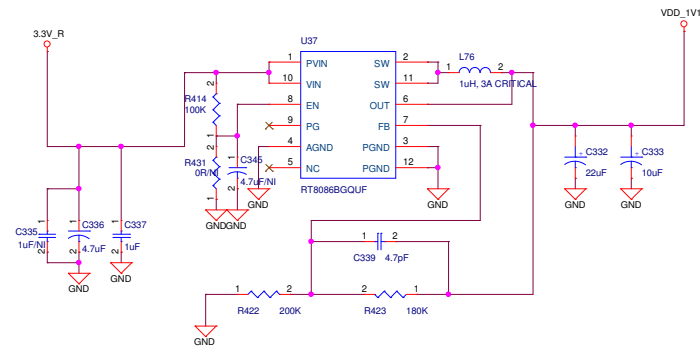


Please remove all components in this block for 3x3 application.





J17 1.15V source from external DC/DC converter
 J25 1.15V source from power supply
 (pin 1 need to connect to power supply equipment)



The feedback circuit is shown as Figure 2.

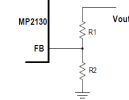
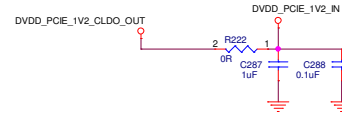
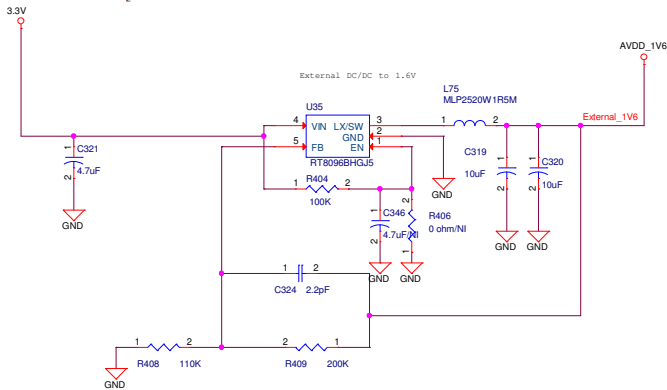


Figure 2—Feedback Network

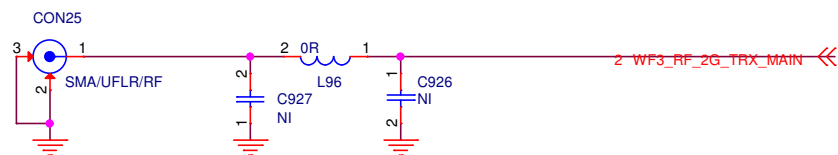
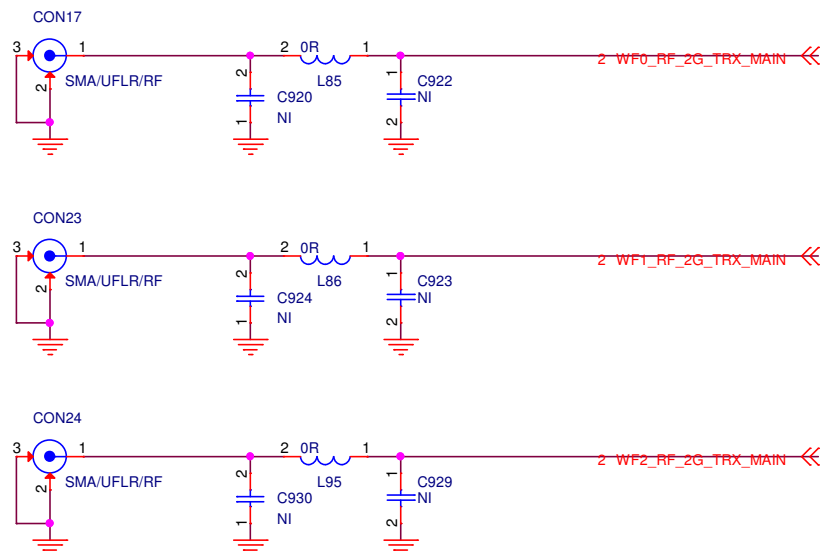


Thus the output voltage is:

$$V_{OUT} = 0.6 \times \frac{(R_1 + R_2)}{R_2}$$

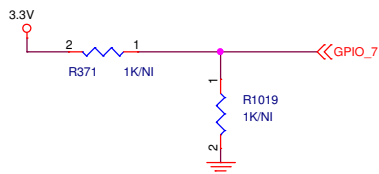
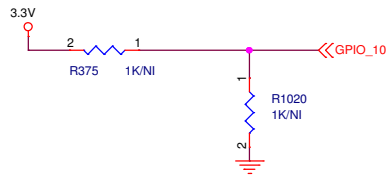
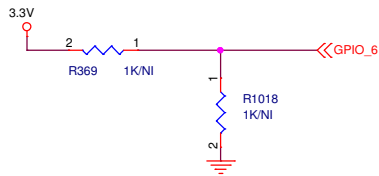
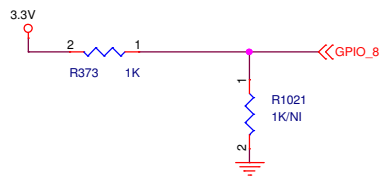
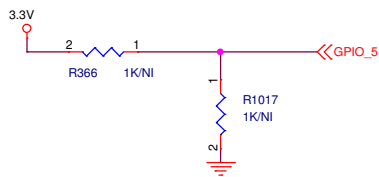



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Please remove all components in this block for 3x3 application.

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