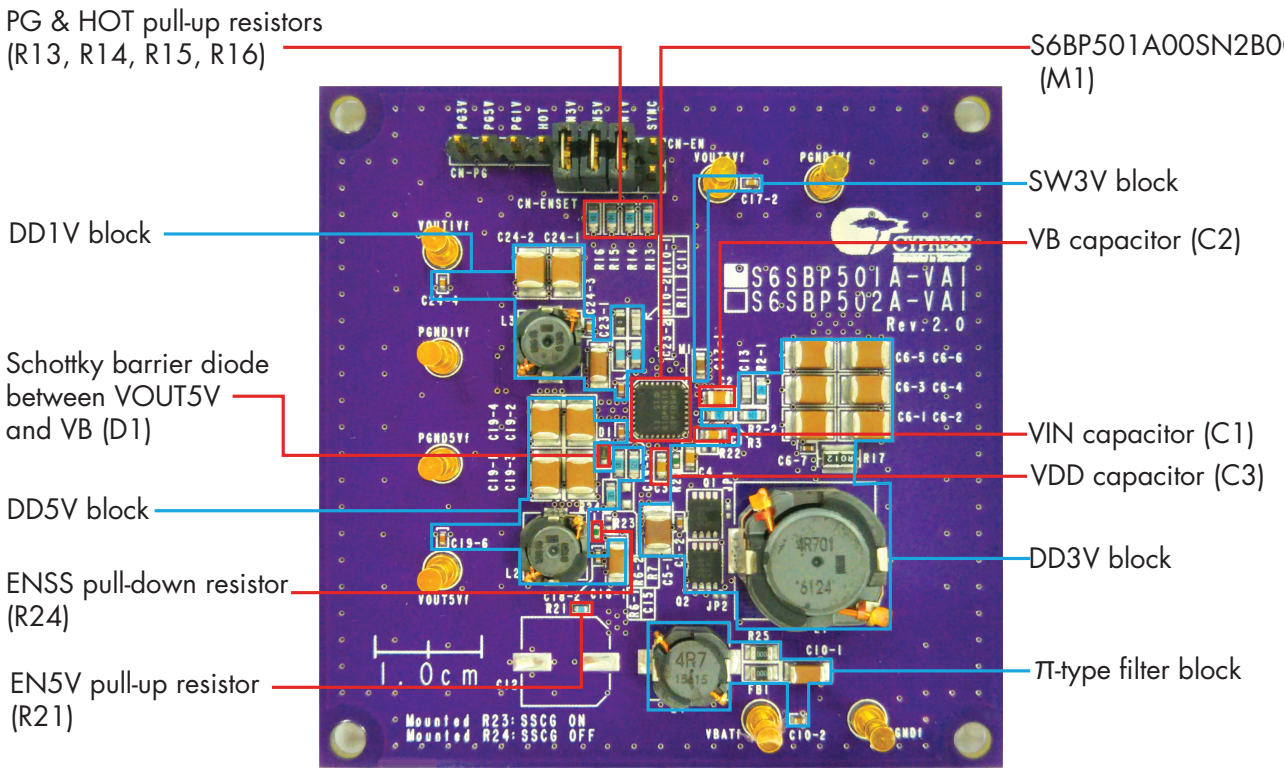
S6SBP501A00VA1001 3-CH AUTOMOTIVE CLUSTER PMIC EVALUATION KIT



S6SBP501A00VA1001 Features:

- Input voltage range: 4.5 V to 42 V
- 3-ch output PMIC for automotive cluster
- Finely adjustable output voltage
- Built-in π-type filter
- Synchronizable to external clock
- Load-independent Soft-Start
- Size: 6.5 cm × 6.5 cm

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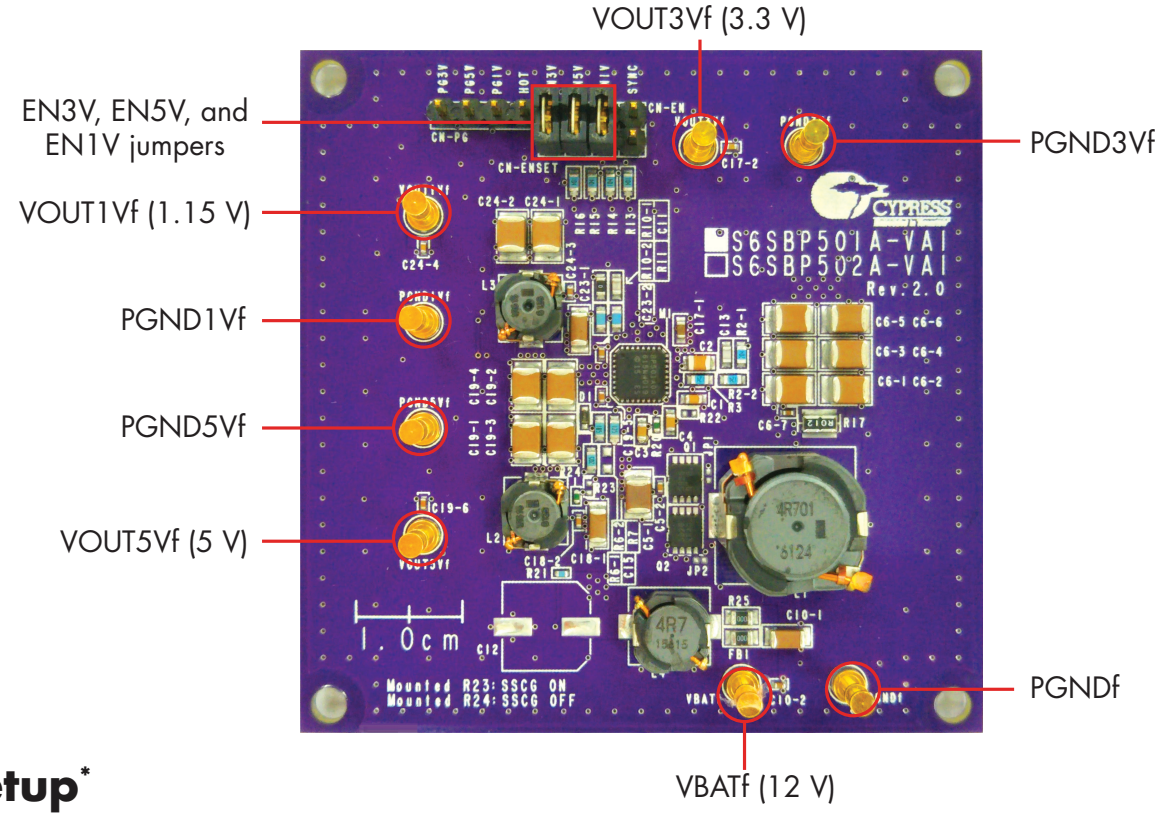

Setup*

1 Connect VBATf to a power supply and PGNDf to the ground.

2 Insert jumper headers to EN3V, EN5V, and EN1V jumpers.

3 Connect each output, VOUT1Vf, VOUT3Vf, and VOUT5Vf to a voltmeter.

Check*

1 Apply 12 V to VBATf.

2 Each output voltage should be as shown in the figure above.

*Do not supply power to VBATf until the setup is complete.

For the latest information about this kit and hardware files, visit www.cypress.com/S6BP501A/Kit-User-Guide

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