400V\textsubscript{in} to 12V\textsubscript{out}, 500W reference design using LMG3410

**TI Designs Number: PMP20289**

**User guide**

- A Fan should be applied to provide forced air flow on the PMP20289 reference board. A 12V Fan ((NMB Technologies Model # 3610VL-04W-B50) is applied in PMP20289 test.
- Connect input source and output load as described in the figure below.
- Apply 380V~400V DC input, the reference board will generate 12V at the output. Allow maximum 22A load step change.

![Diagram](image_url)

From source “+” terminal
To load “+” terminal
To load “-” terminal
From source “-” terminal
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