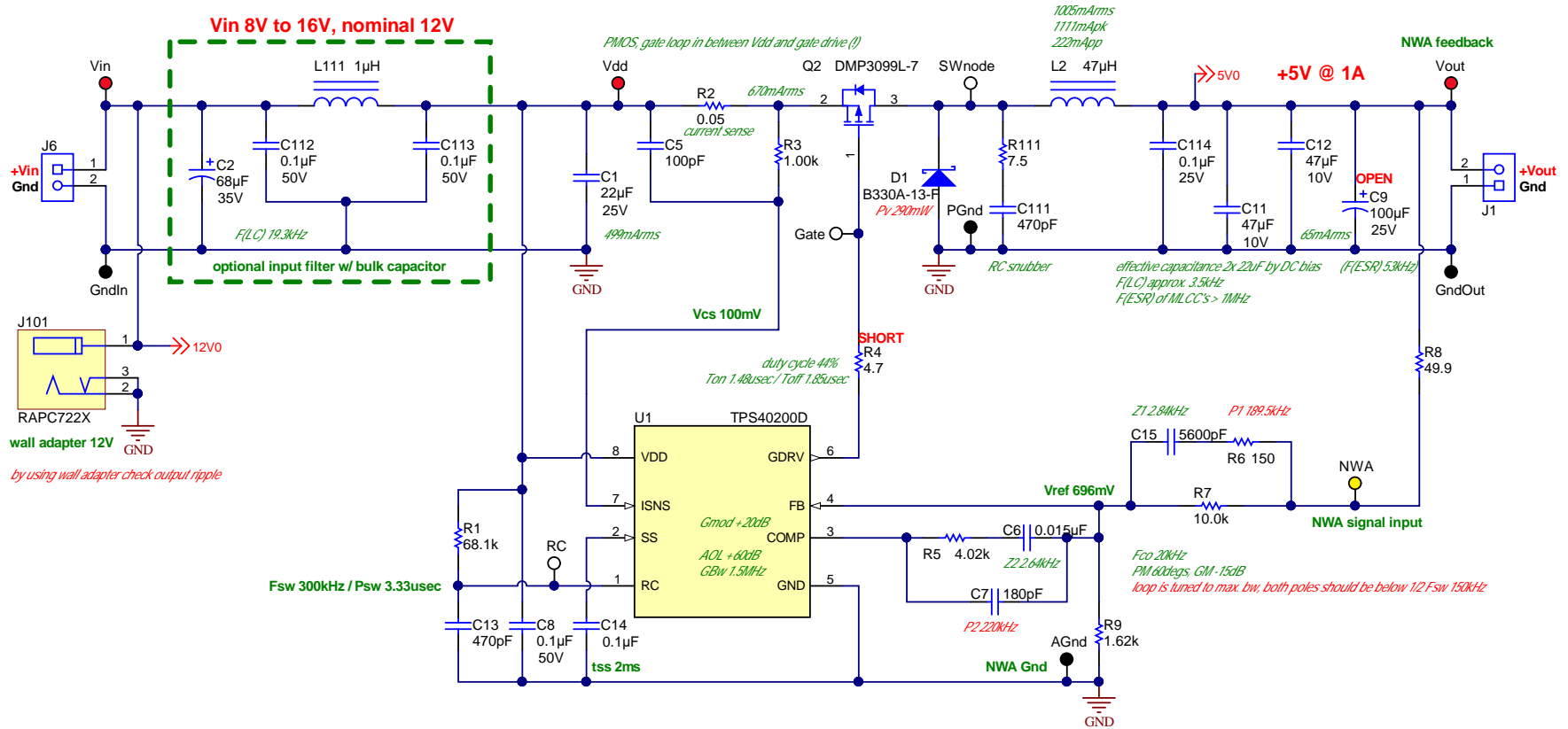


**Generic Buck Design for TI Power Workshop / FAE training, using TPS40200, controlling P MOS FET, nonsynchronous rectification**



**Revision History**

Revision	Notes
A	PMP7154RevC "reloaded" plus tiny load page 2 squeezed loop / tuned RC snubber
A2	

**Notes:**

- please refer to PMP7154 RevC
- all calculations for 12Vin / 1Aout
- R8 for loop test purposes only

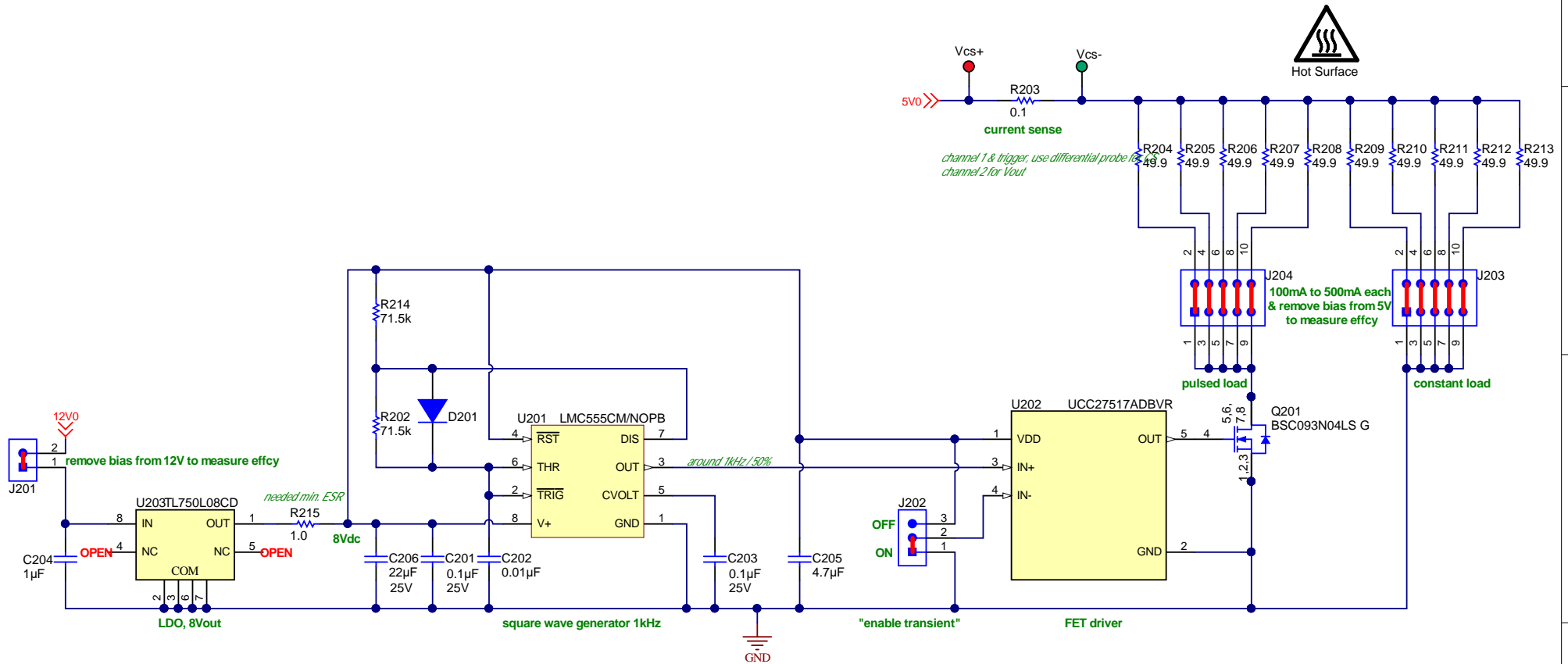
**Assembly:**

- Q2, non auto - just use Si2307CDS

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Orderable: N/A	Designed for: Public Release	Mod. Date: 1/29/2019
TID #: N/A	Project Title: Generic Buck Design for TI Power Workshop	
Number: PMP30595	Rev: A2	Sheet Title: PMP30567
SVN Rev: Version control disabled	Assembly Variant: [No Variations]	Sheet: 1 of 2
Drawn By: B.Geck	File: PMP30595RevA_BUCK.SchDoc	Size: A4
Engineer: B.Geck	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	

"Easy-To-Use" electronic load, supports small transients up to 500mA



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Orderable: N/A	Designed for: Public Release	Mod. Date: 1/29/2019
TID #: N/A	Project Title: Generic Buck Design for TI Power Workshop	
Number: PMP30595	Rev: A2	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: [No Variations]	Sheet: 2 of 2
Drawn By:	File: PMP30595RevA_LOAD_SchDoc	Size: A4
Engineer: B.Geck	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



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