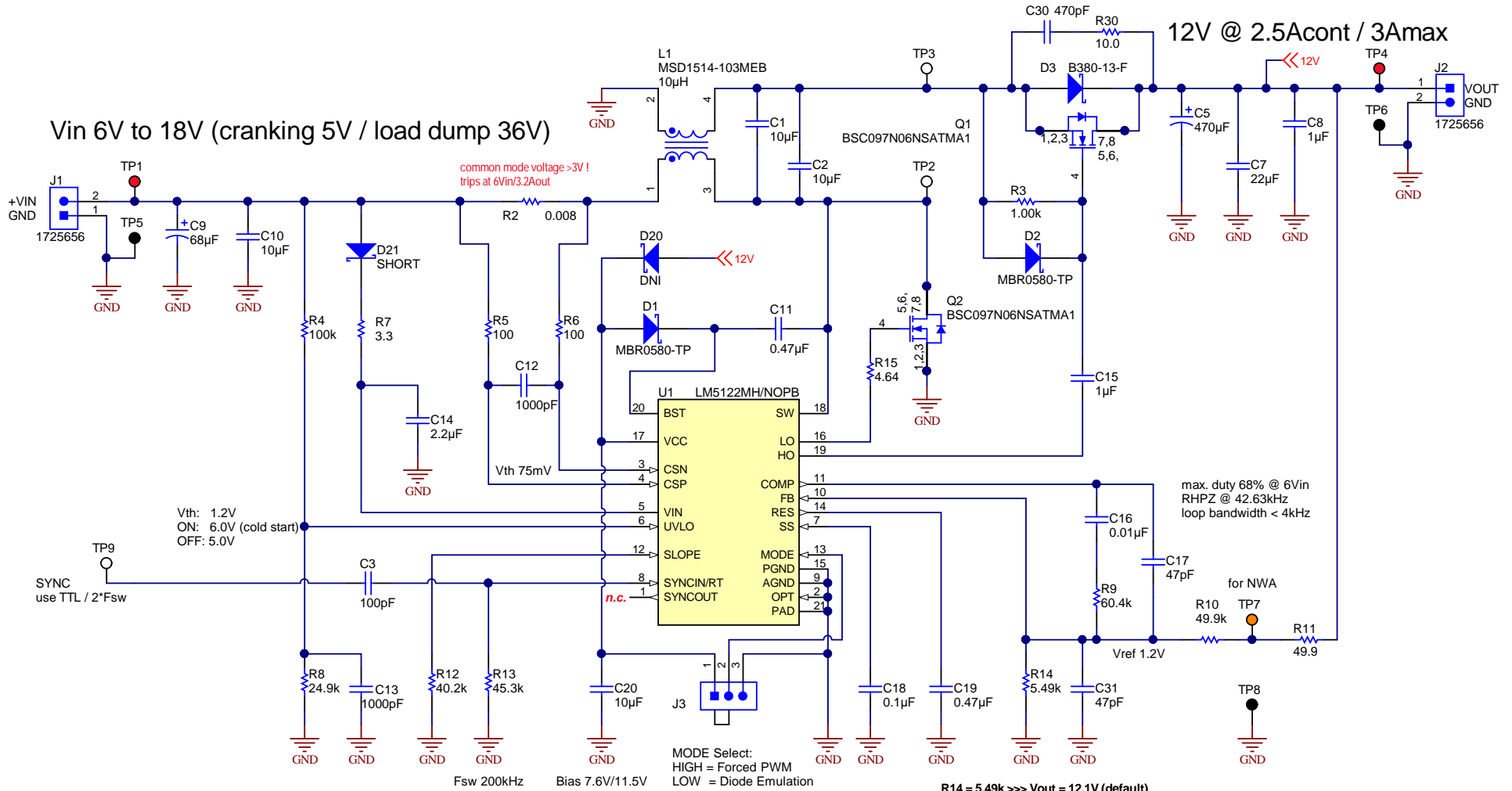


Vin 6V to 18V (cranking 5V / load dump 36V)

12V @ 2.5Acont / 3Amax



Vth: 1.2V
ON: 6.0V (cold start)
OFF: 5.0V

max. duty 68% @ 6Vin
RHPZ @ 42.63kHz
loop bandwidth < 4kHz

MODE Select:
HIGH = Forced PWM
LOW = Diode Emulation

R14 = 5.49k >>> Vout = 12.1V (default)
R14 = 6.04k >>> Vout = 11.1V
R14 = 6.81k >>> Vout = 10.0V

Fsw 200kHz Bias 7.6V/11.5V

Revision History	
Revision	Notes
A	built on PCB 30232 A

fine-tuned my PMP30232 w/ new dual inductor to bigger output power

Orderable:	Designed for: Public Release	Mod. Date: 9/27/2018
TID #: N/A	Project Title: tiny sync SEPIC	
Number: PMP30491	Rev: A	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 1 of 1
Drawn By:	File: PMP30491RevA_schematics.SchDoc	Size: A4
Engineer: B. Geck	Contact: http://www.ti.com/support	



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