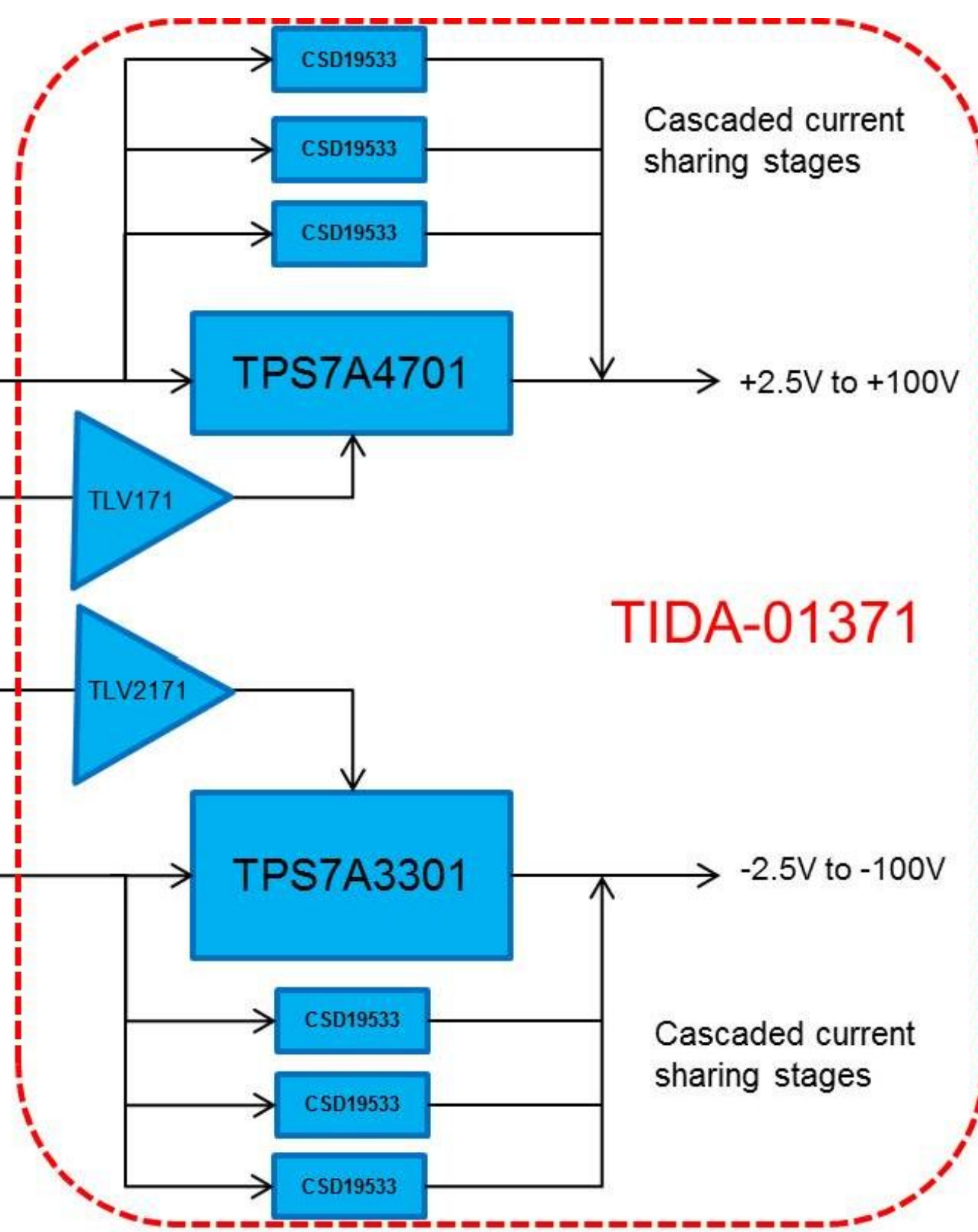
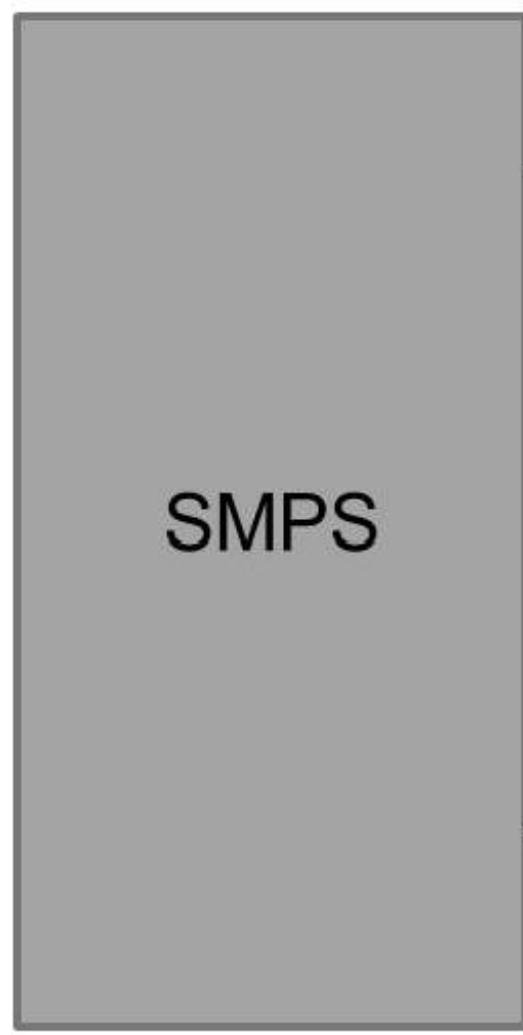


Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
N/A	N/A	N/A	N/A	N/A

$V_{CNTL(P)}$ & $V_{CNTL(N)}$
Control Signals to set the virtual ground and output voltages
 (Can come from DAC or external power rails)



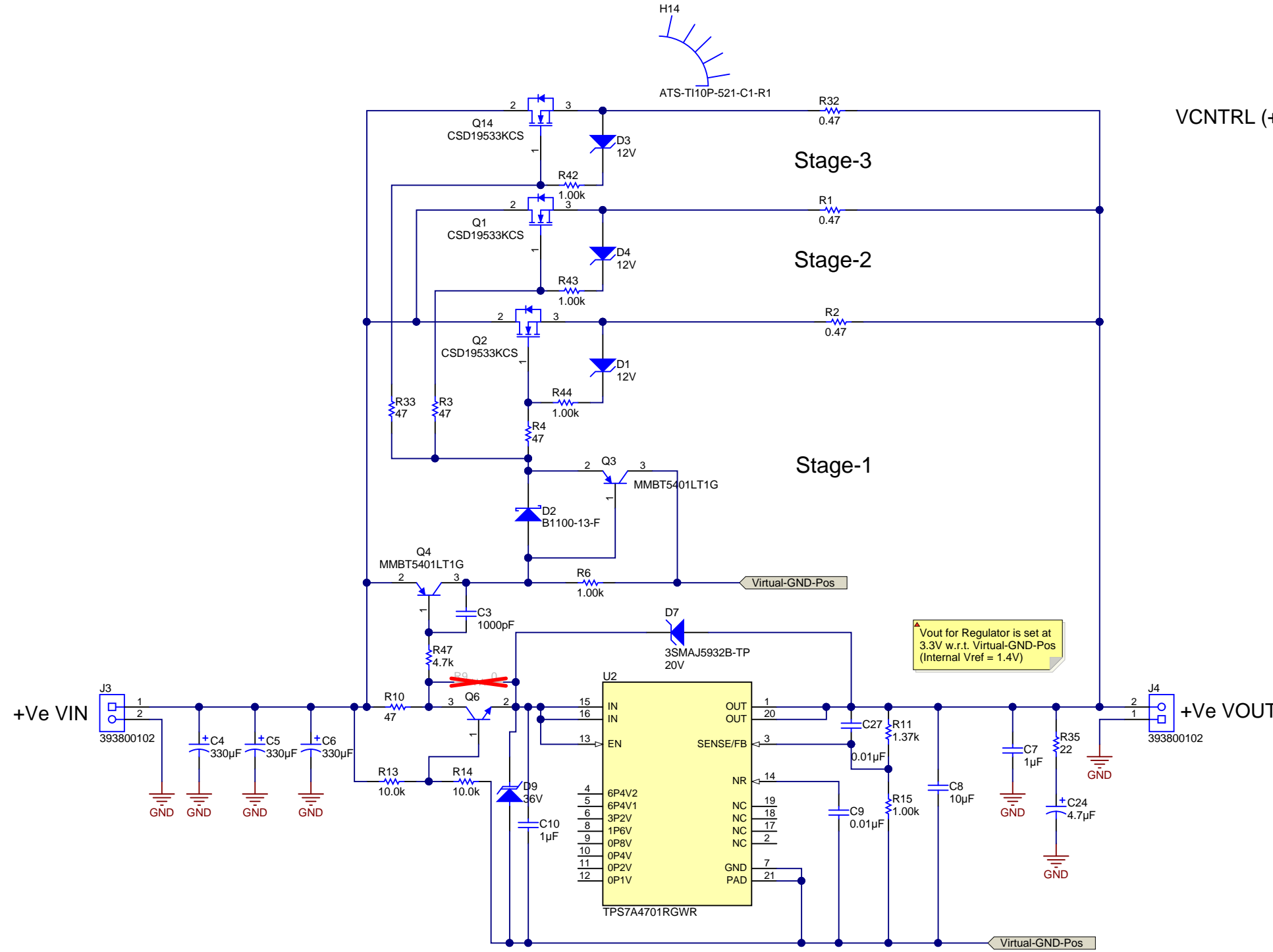
TIDA-01371

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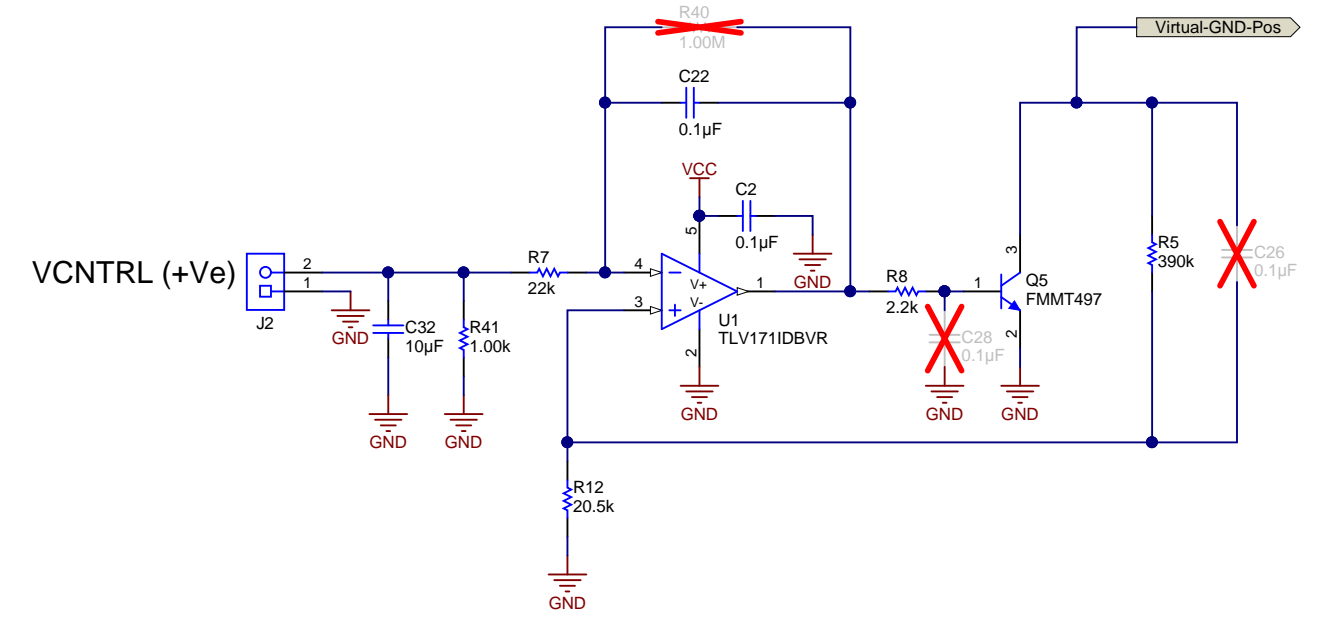
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Orderable: NA	Designed for: Public Release	Mod. Date: 12/9/2016	
TID #: TIDA-01371	Project Title: Floating Tracking Programmable Regulator	Sheet: 1 of 4	
Number: TIDA-01371	Rev: E2	Sheet Title: Block Diagram	http://www.ti.com
SVN Rev: Version control disabled	Assembly Variant: 001	Size: B	
Drawn By: Sanjay Pithadia	File: TIDA-01371_E2_Block_Diagram.SchDoc	Contact: http://www.ti.com/support	
Engineer: Sanjay Pithadia			© Texas Instruments 2016

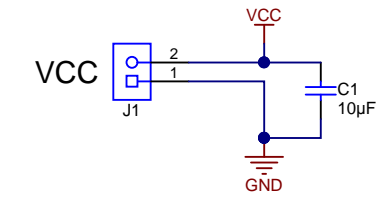
Multiple Stages can be cascaded



Floating Positive Regulator



Control Voltage (Positive)



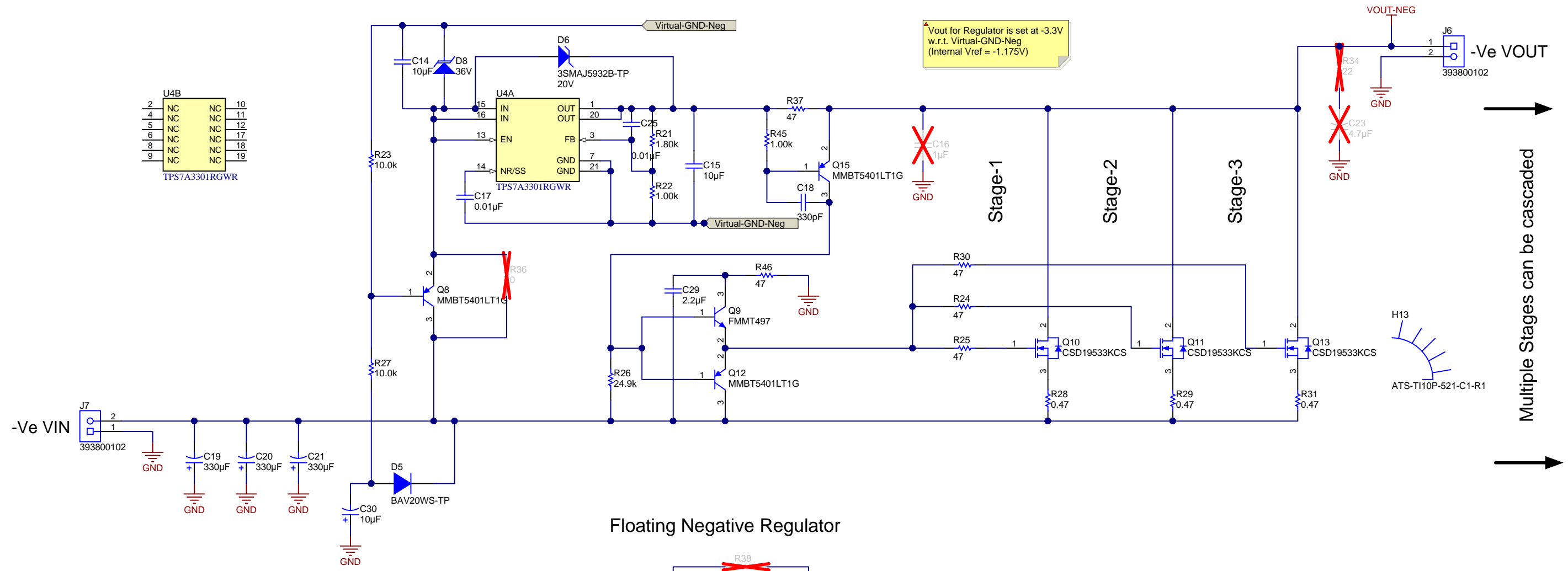
Vcc for Op-amps

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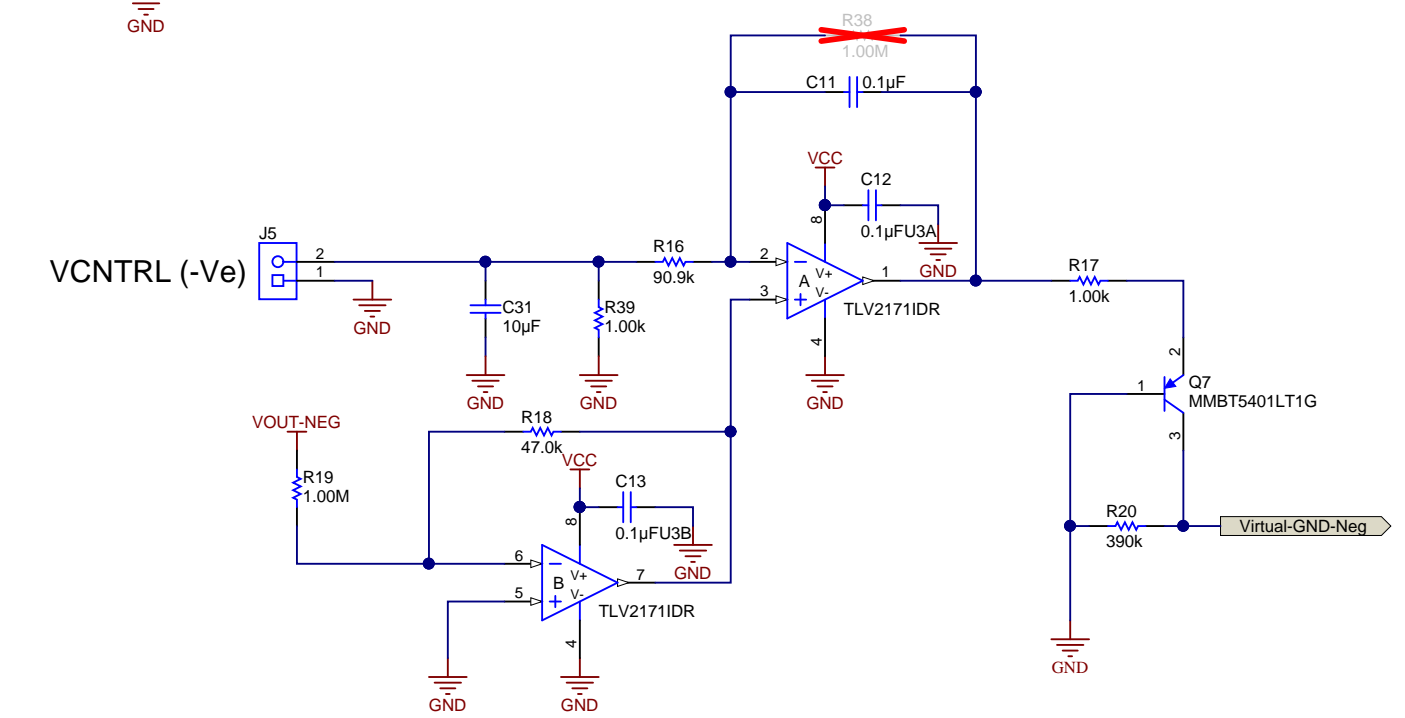
Orderable: NA	Designed for: Public Release	Mod. Date: 12/8/2016
TID #: TIDA-01371	Project Title: Floating Tracking Programmable Regulator	
Number: TIDA-01371	Rev: E2	Sheet Title: Positive Regulator
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 4
Drawn By: Sanjay Pithadia	File: TIDA-01371_E2_Positive-Regulator.SchDoc	Size: B
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Floating Negative Regulator



Control Voltage (Negative)

Multiple Stages can be cascaded

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H1 NY PMS 440 0025 PH
 H2 NY PMS 440 0025 PH
 H3 NY PMS 440 0025 PH
 H4 NY PMS 440 0025 PH

H5 1902C
 H6 1902C
 H7 1902C
 H8 1902C

~~FID1~~
~~FID2~~
~~FID3~~

PCB Number: TIDA-01371
 PCB Rev: E2

PCB LOGO Logo1
 PCB LOGO Pb-Free Symbol
 PCB LOGO FCC disclaimer
 PCB LOGO Logo4



Variant/Label Table	
Variant	Label Text
001	ChangeMe!
002	ChangeMe!

LBL1
 PCB Label
 Size: 0.65" x 0.20"

ZZ1
 Label Assembly Note
 This Assembly Note is for PCB labels only

ZZ2
 Assembly Note
 These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
 Assembly Note
 These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4
 Assembly Note
 These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

Orderable: NA	Designed for: Public Release	Mod. Date: 12/8/2016
TID #: TIDA-01371	Project Title: Floating Tracking Programmable Regulator	
Number: TIDA-01371	Rev: E2	Sheet Title: Hardware
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 4 of 4
Drawn By: Sanjay Pithadia	File: TIDA-01371_E2_Hardware.SchDoc	Size: B
Engineer: Sanjay Pithadia	Contact: http://www.ti.com/support	

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