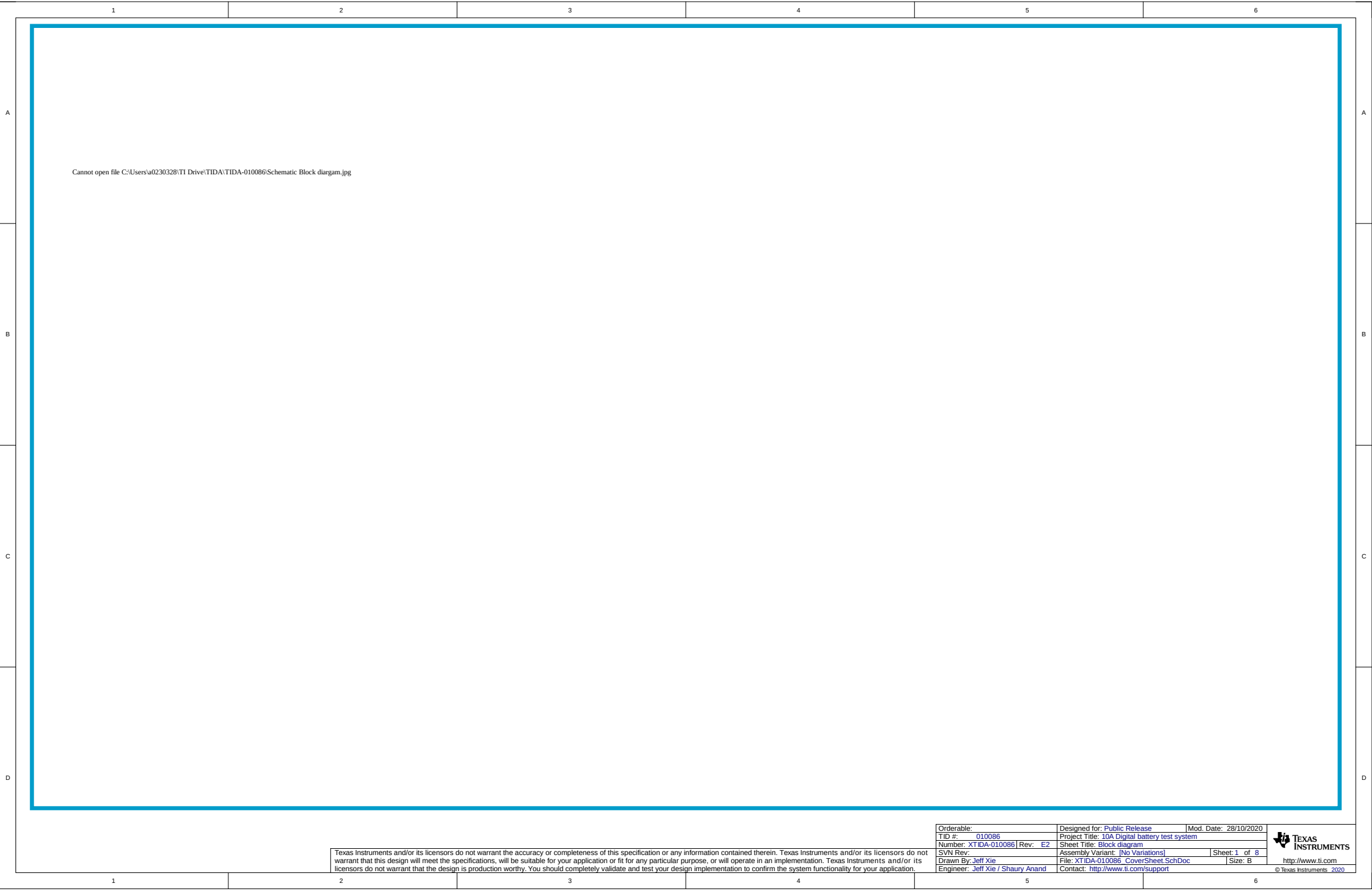




Cannot open file C:\Users\at0230328\TI Drive\TIDA\TIDA-010086\Schematic Block diagram.jpg

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Orderable:	Designed for: Public Release	Mod. Date: 28/10/2020
TID #:	010086	Project Title: 10A Digital battery test system
Number: XTIDA-010086	Rev: E2	Sheet Title: Block diagram
SVN Rev:	Assembly Variant: [No Variations]	Sheet: 1 of 8
Drawn By: Jeff Xie	File: XTIDA-010086_CoverSheet_SchDoc	Size: B
Engineer: Jeff Xie / Shaury Anand	Contact: http://www.ti.com/support	http://www.ti.com
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1	2	3	4	5	6
A					
B					
C					
D					

MAIN SHEET

XTIDA-010086_MAIN SHEET.SchDoc

CoverSheet

XTIDA-010086_CoverSheet.SchDoc

Hardware

XTIDA-010086_Hardware.SchDoc

Orderable:		Designed for: Public Release		Mod. Date: 27/12/2019	
TID #: 010086		Project Title: 10A Digital battery test system			
Number: XTIDA-010086		Rev: E2		Sheet Title: TOPLEVEL MAIN SHEET	
SVN Rev:		Assembly Variant: [No Variations]			Sheet 2 of 8
Drawn By: Jeff Xie		File: XTIDA-010086_TOP LEVEL MAIN SHEET.SchDoc			Size: B
Engineer: Jeff Xie / Shaury Anand		Contact: http://www.ti.com/support			

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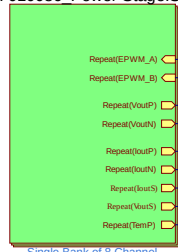
TEXAS INSTRUMENTS

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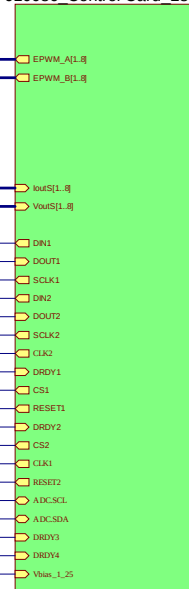
<http://www.ti.com>

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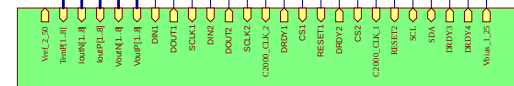
Repeat(Ch,1,8)
XTIDA-010086_Power Stage.SchDoc



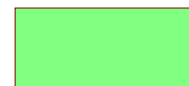
Control Card_28379
XTIDA-010086_Control Card_28379.SchDoc



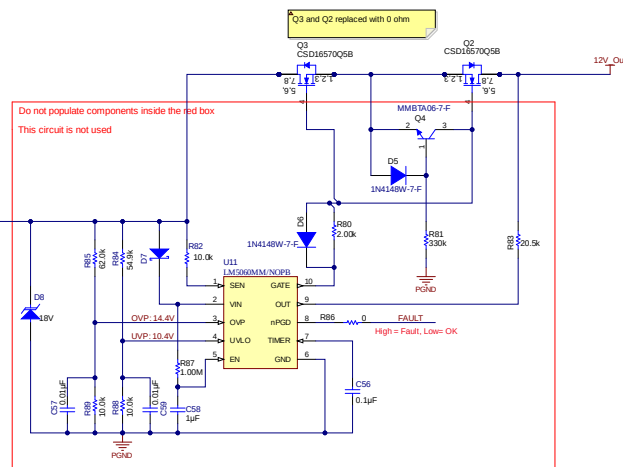
XTIDA-010086_ADC.SchDoc
ADC

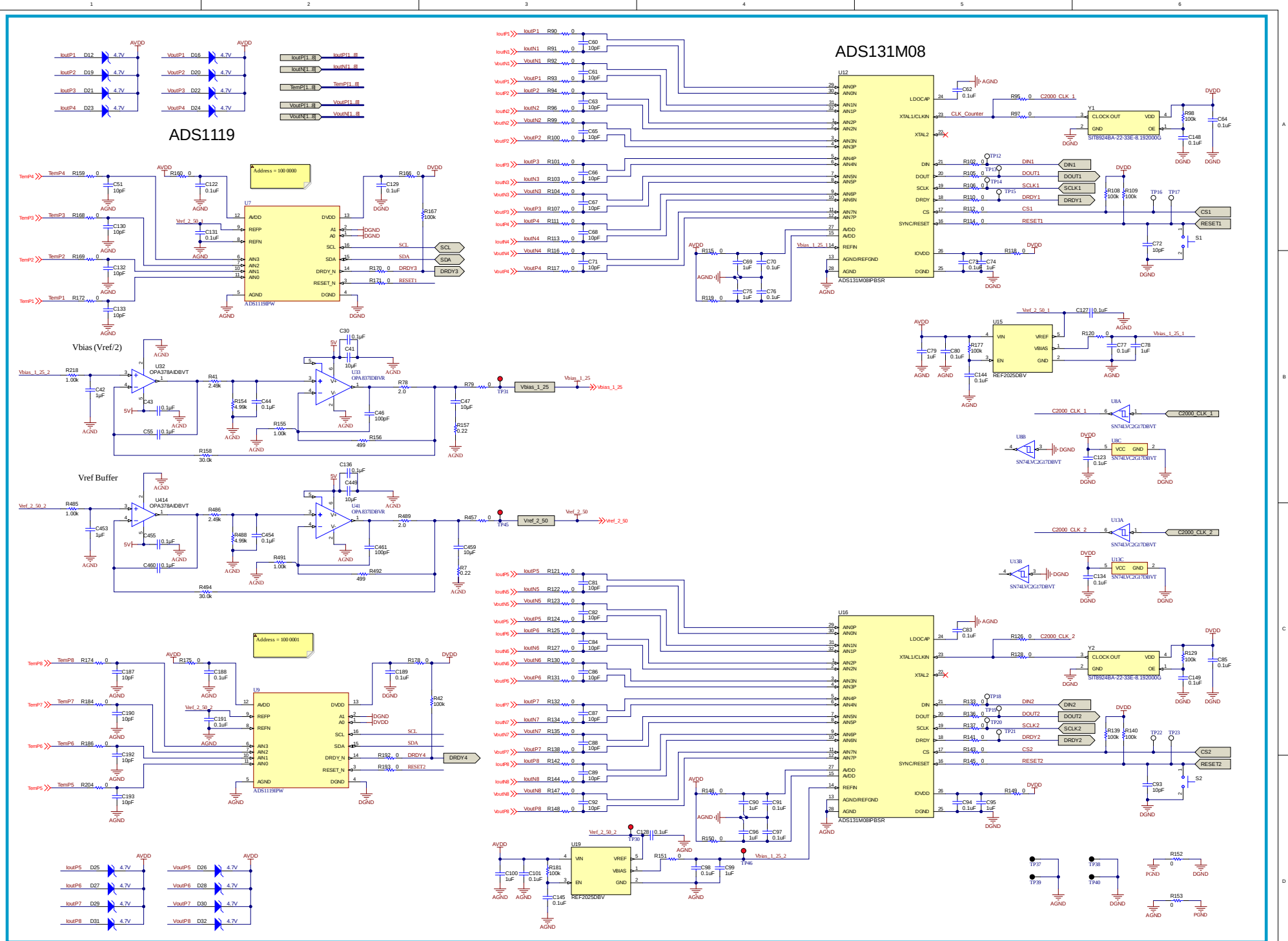


XTIDA-010086_Bias Power Supply.SchDoc
Bias Power Supply



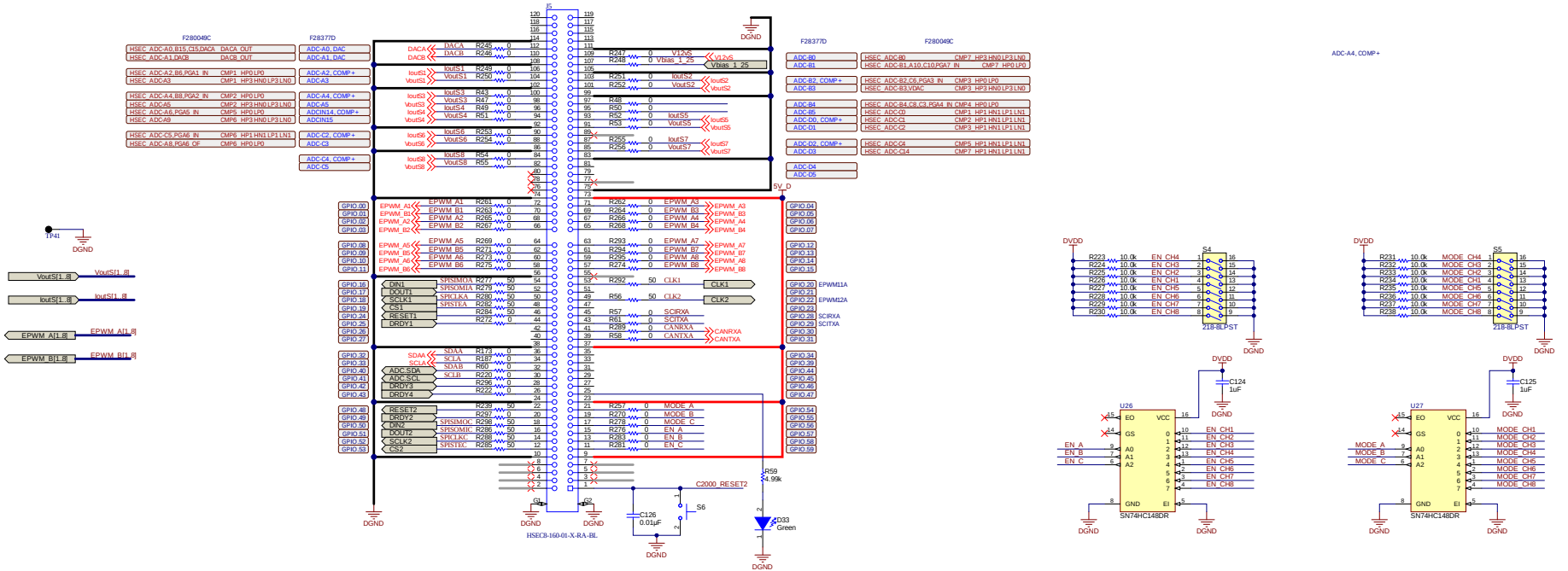
50A Input for all 8 channel connected together



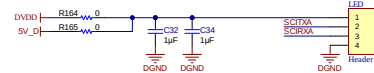


CONTROL CARD PIN MAPPING_28379 (RA Connector)

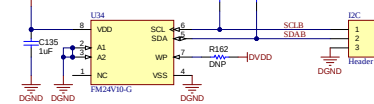
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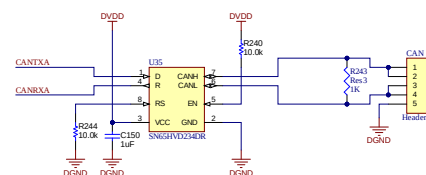
External LED Strip, 3.3 or 5v



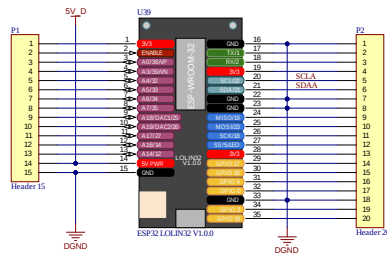
Board Calibration Data

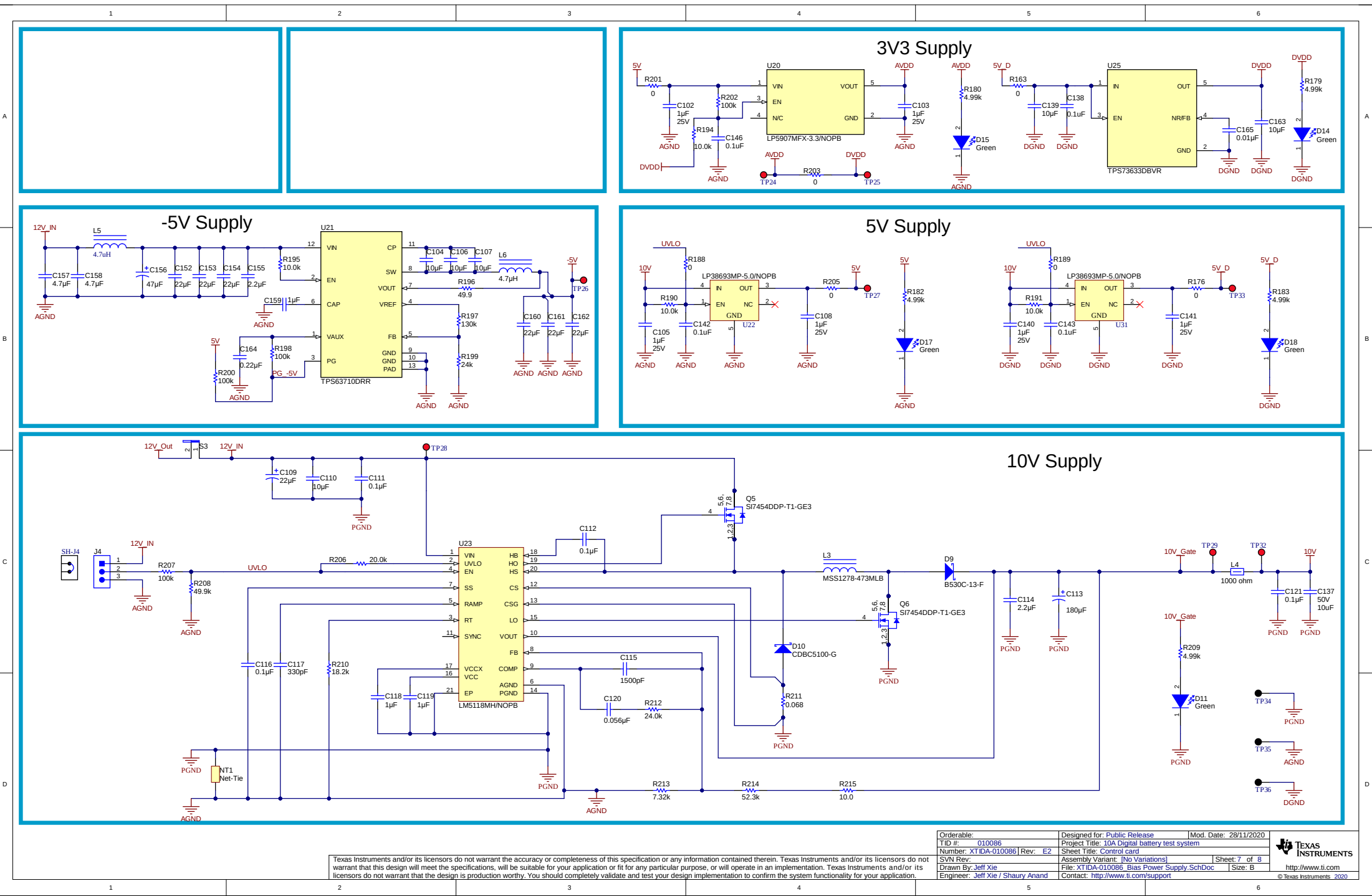


External Canbus



ESP32 WiFi External Iface





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