

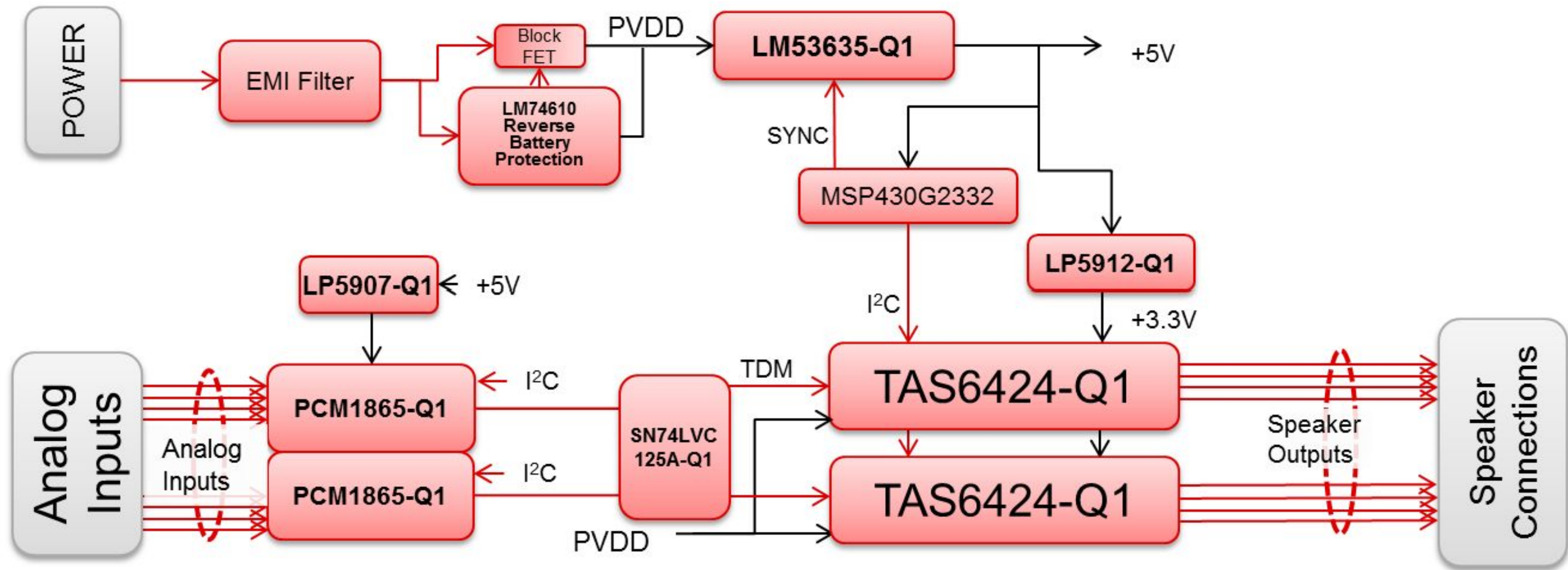
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
E	N/A	11/21/2017	M. Knapp	Fix U1 and U2 I2C Resistor Population Update resistor values in TDM drive Change 0 Ohm jumpers to Ferrites at U8 and U9

A

B

C

D

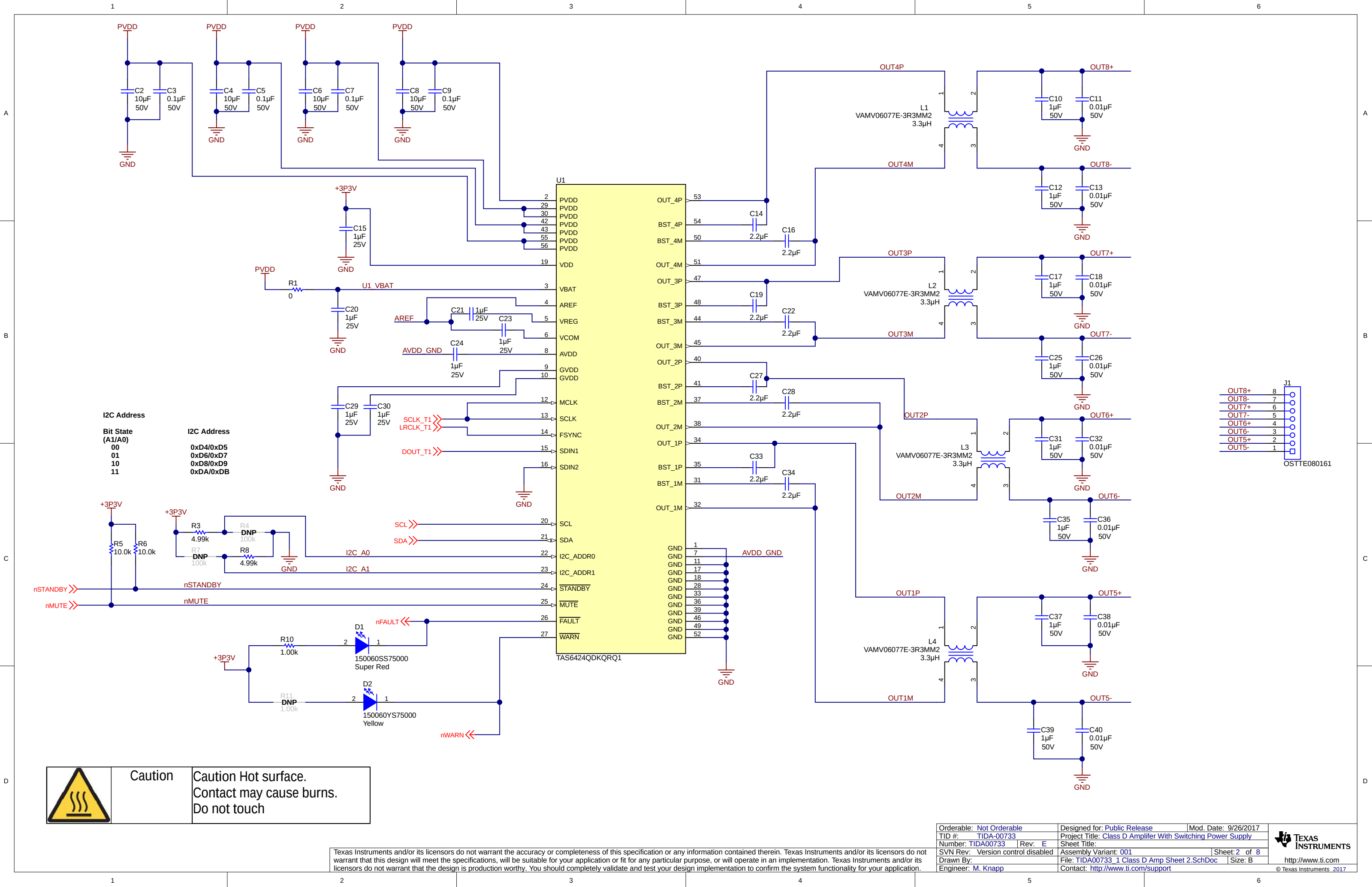


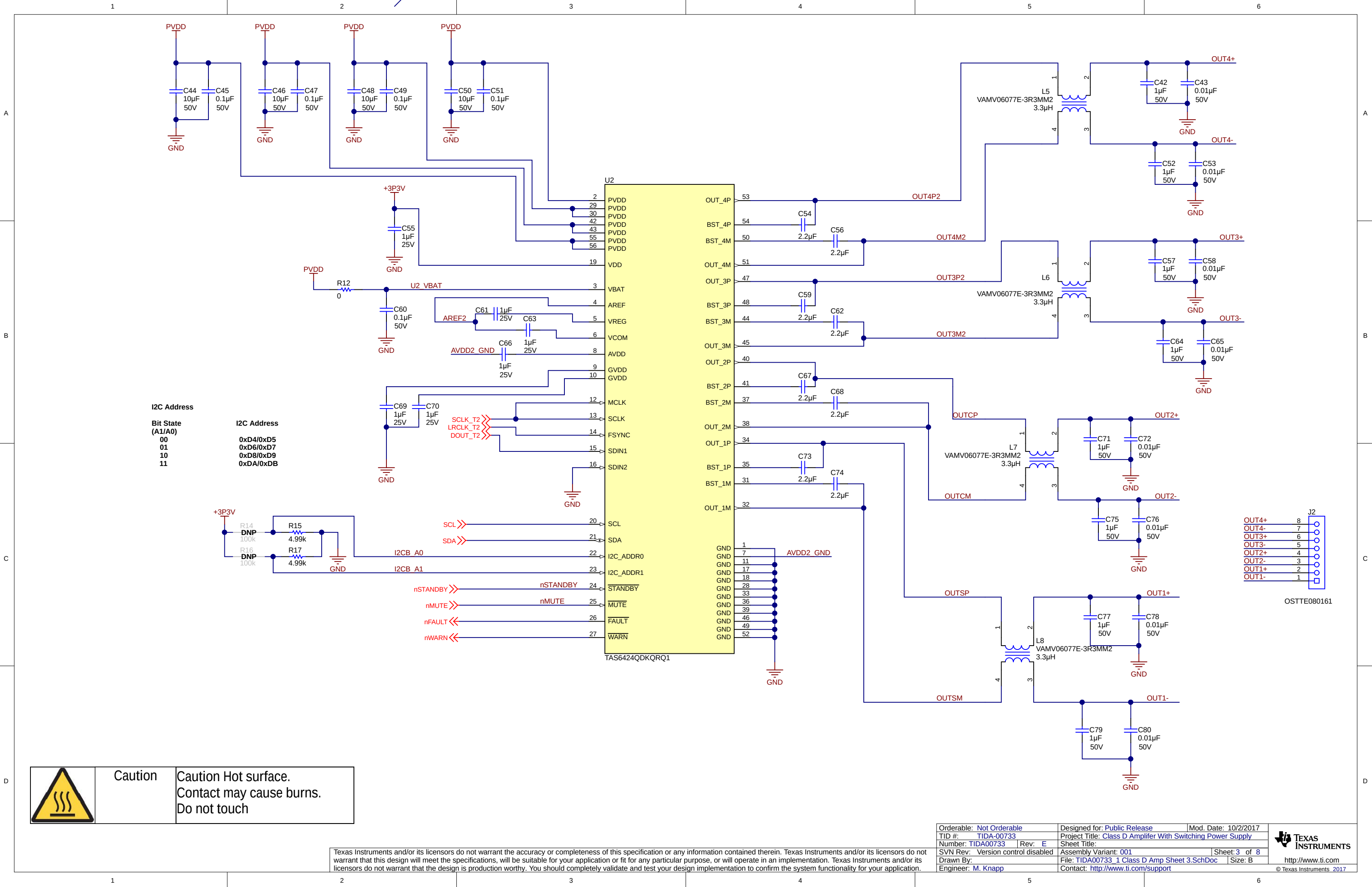
Caution

Caution Hot surface.
Contact may cause burns.
Do not touch

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Orderable: Not Orderable	Designed for: Public Release	Mod. Date: 11/21/2017
TID #: TIDA-00733	Project Title: Class D Amplifier With Switching Power Supply	
Number: TIDA00733	Rev: E	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 8
Drawn By:	File: TIDA00733_1 Class D Amp Sheet 1.SchDoc	Size: B
Engineer: M. Knapp	Contact: http://www.ti.com/support	





I2C Address	Bit State (A1/A0)
00	0xD4/0xD5
01	0xD6/0xD7
10	0xD8/0xD9
11	0xDA/0xDB

I2C Address	Bit State (A1/A0)
00	0xD4/0xD5
01	0xD6/0xD7
10	0xD8/0xD9
11	0xDA/0xDB

OUT4+	8
OUT4-	7
OUT3+	6
OUT3-	5
OUT2+	4
OUT2-	3
OUT1+	2
OUT1-	1

OSTTE080161

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Orderable: Not Orderable	Designed for: Public Release	Mod. Date: 10/2/2017
TID #: TIDA-00733	Project Title: Class D Amplifier With Switching Power Supply	
Number: TIDA00733	Rev: E	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 3 of 8
Drawn By:	File: TIDA00733_1 Class D Amp Sheet 3.SchDoc	Size: B
Engineer: M. Knapp	Contact: http://www.ti.com/support	

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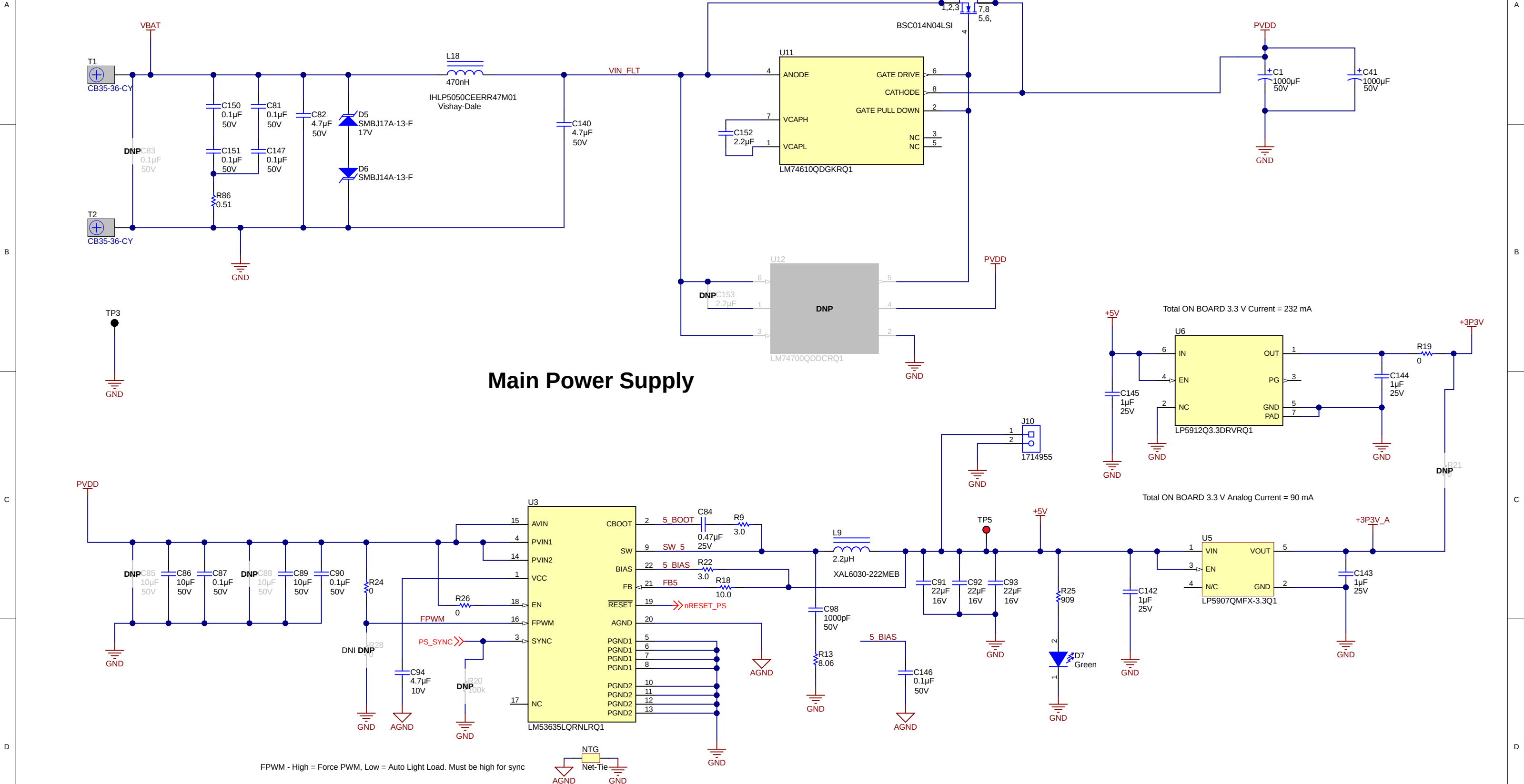
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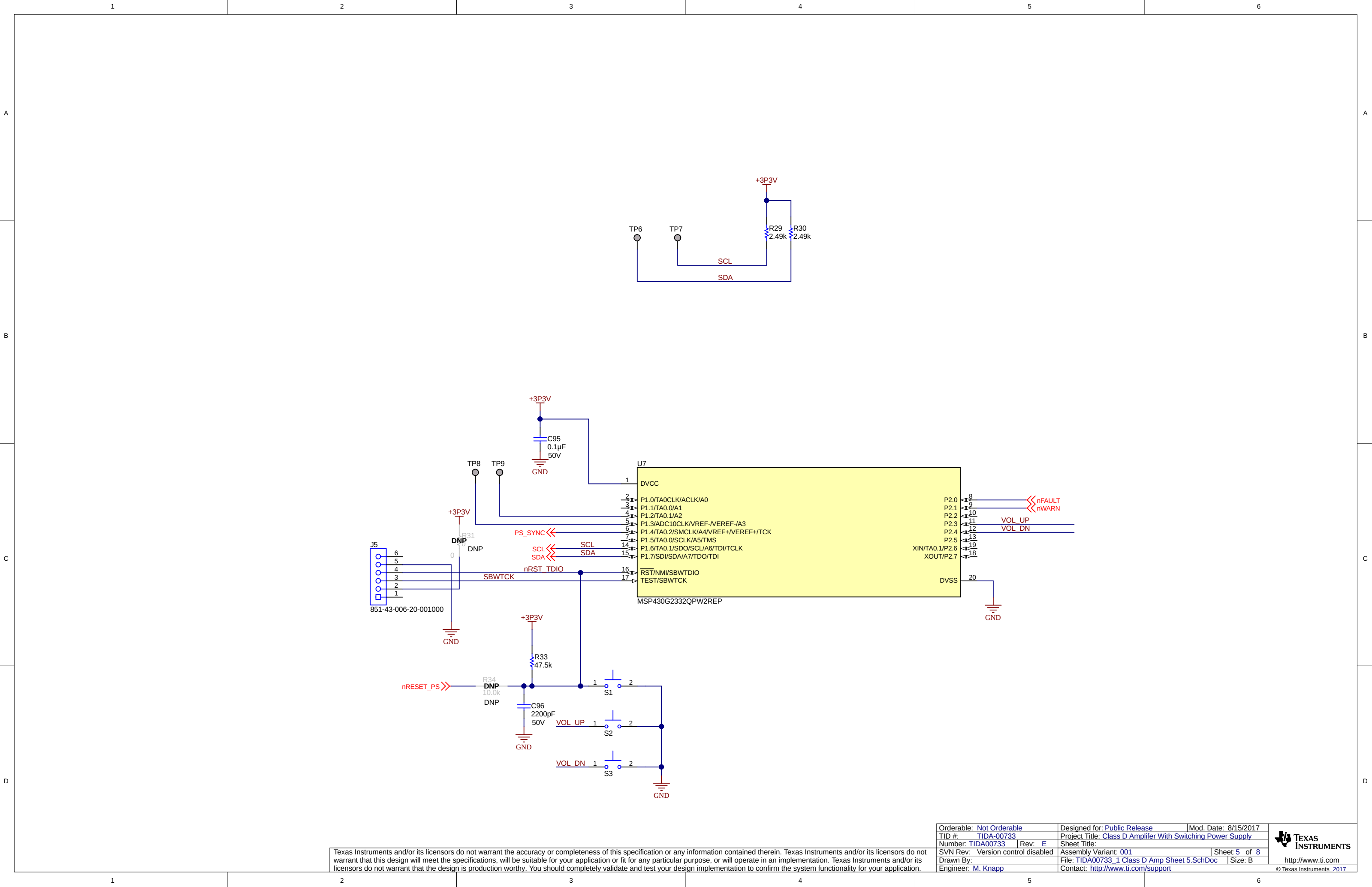
EMI Filter and Transient Protection

Bulk Filter Caps

Main Power Supply

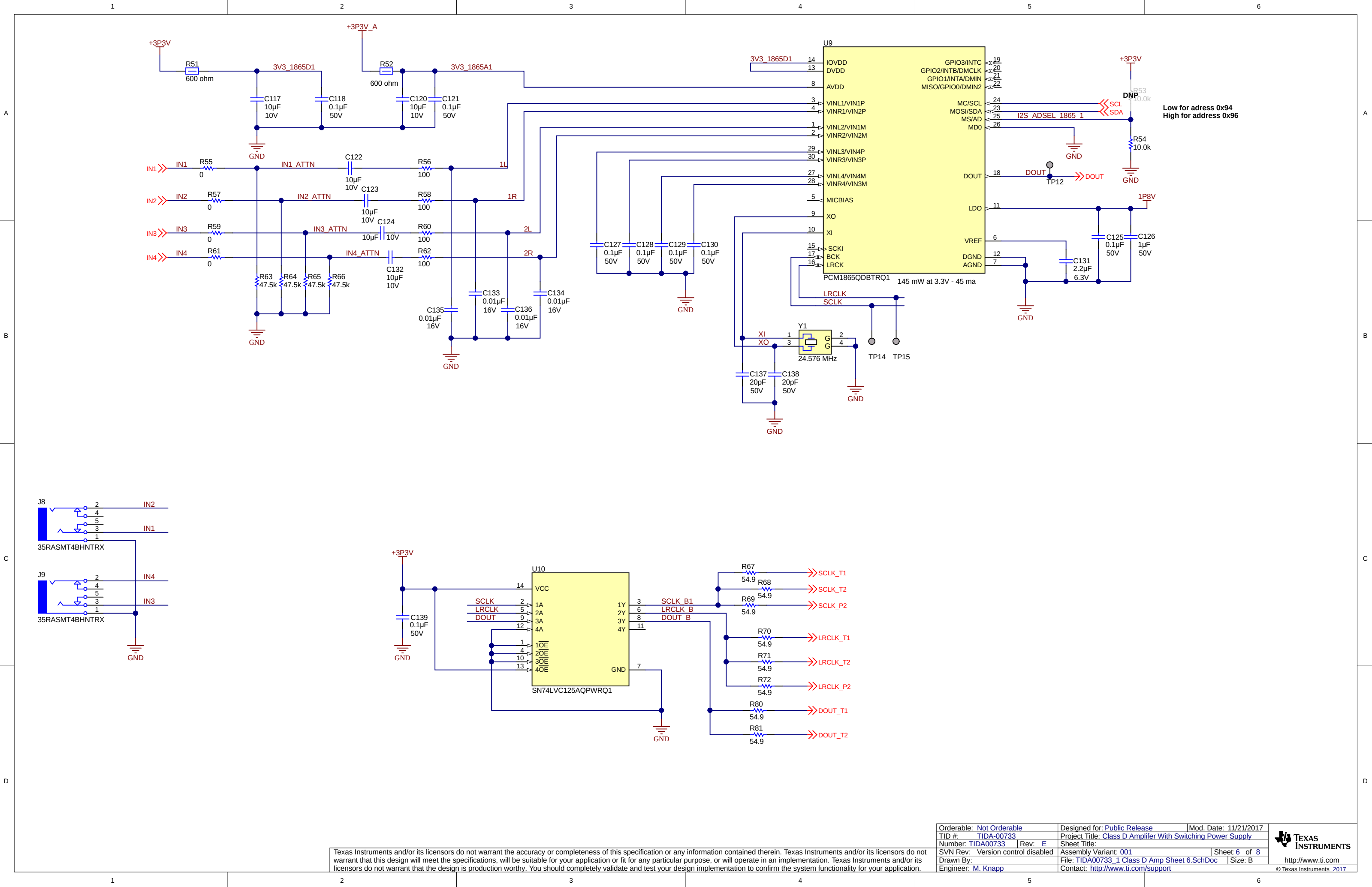
FPWM - High = Force PWM, Low = Auto Light Load. Must be high for sync





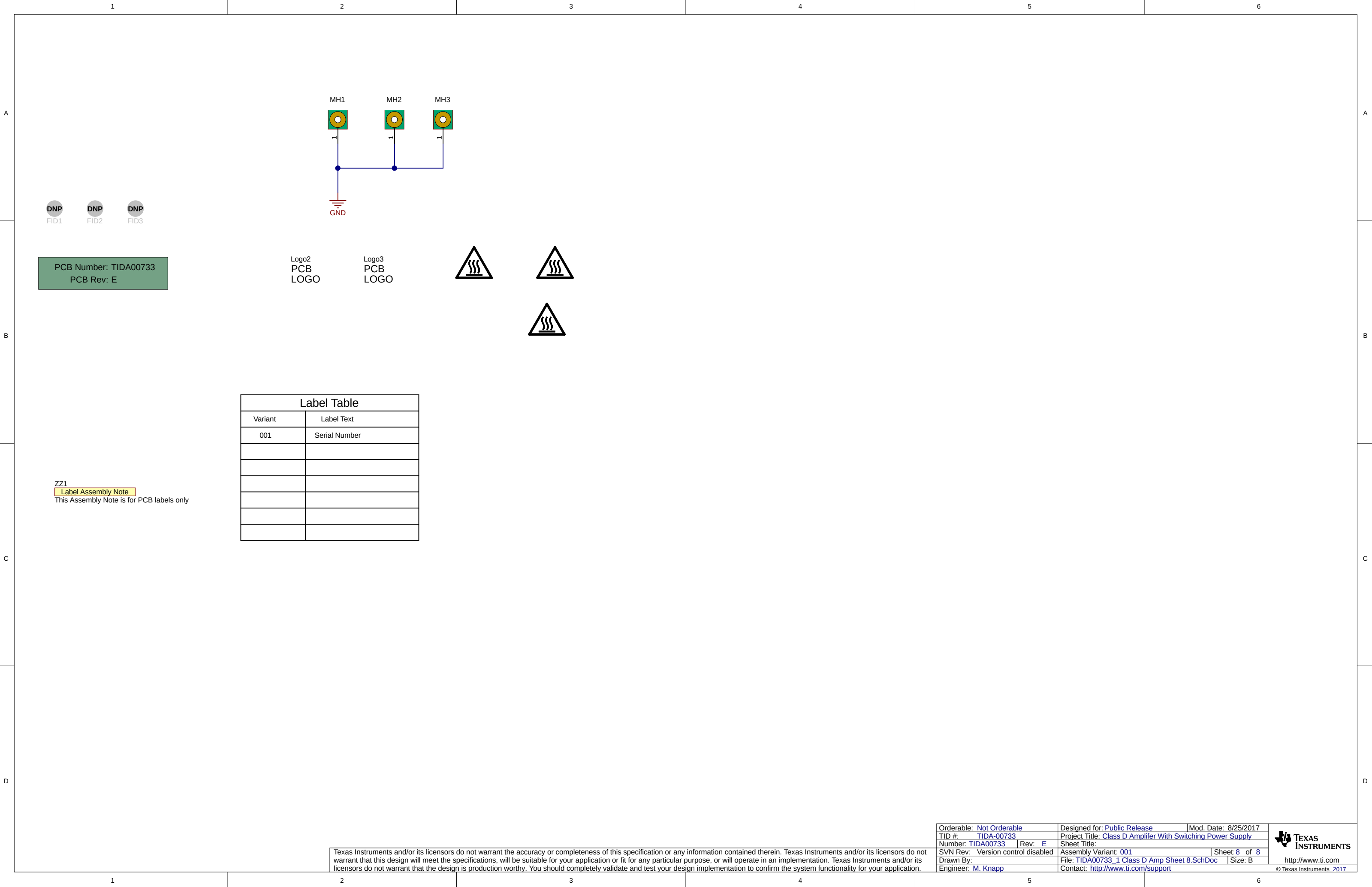
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Orderable:	Not Orderable	Designed for:	Public Release	Mod. Date:	8/15/2017
TID #:	TIDA-00733	Project Title:	Class D Amplifier With Switching Power Supply		
Number:	TIDA00733	Rev:	E	Sheet:	5 of 8
SVN Rev:	Version control disabled	Assembly Variant:	001	Size:	B
Drawn By:		File:	TIDA00733_1 Class D Amp Sheet 5.SchDoc		
Engineer:	M. Knapp	Contact:	http://www.ti.com/support		



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Number: TIDA00733	Rev: E	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 6 of 8
Drawn By:	File: TIDA00733_1 Class D Amp Sheet 6.SchDoc	Size: B
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