

DAC3482
SHEETS 3, 4

TRF3705
SHEET 5

LMK04806B
SHEET 7

TPS2400
TPS7A8001
SHEET 8

TPS62290
TPS62420
TPS79601
TPS79633
SHEET 9

CDCV304
SHEET 7

NOTE: DNI = DO NOT INSTALL COMPONENT.

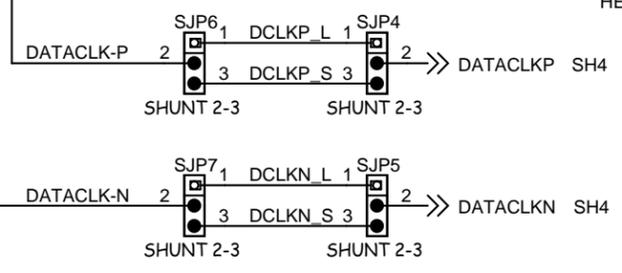
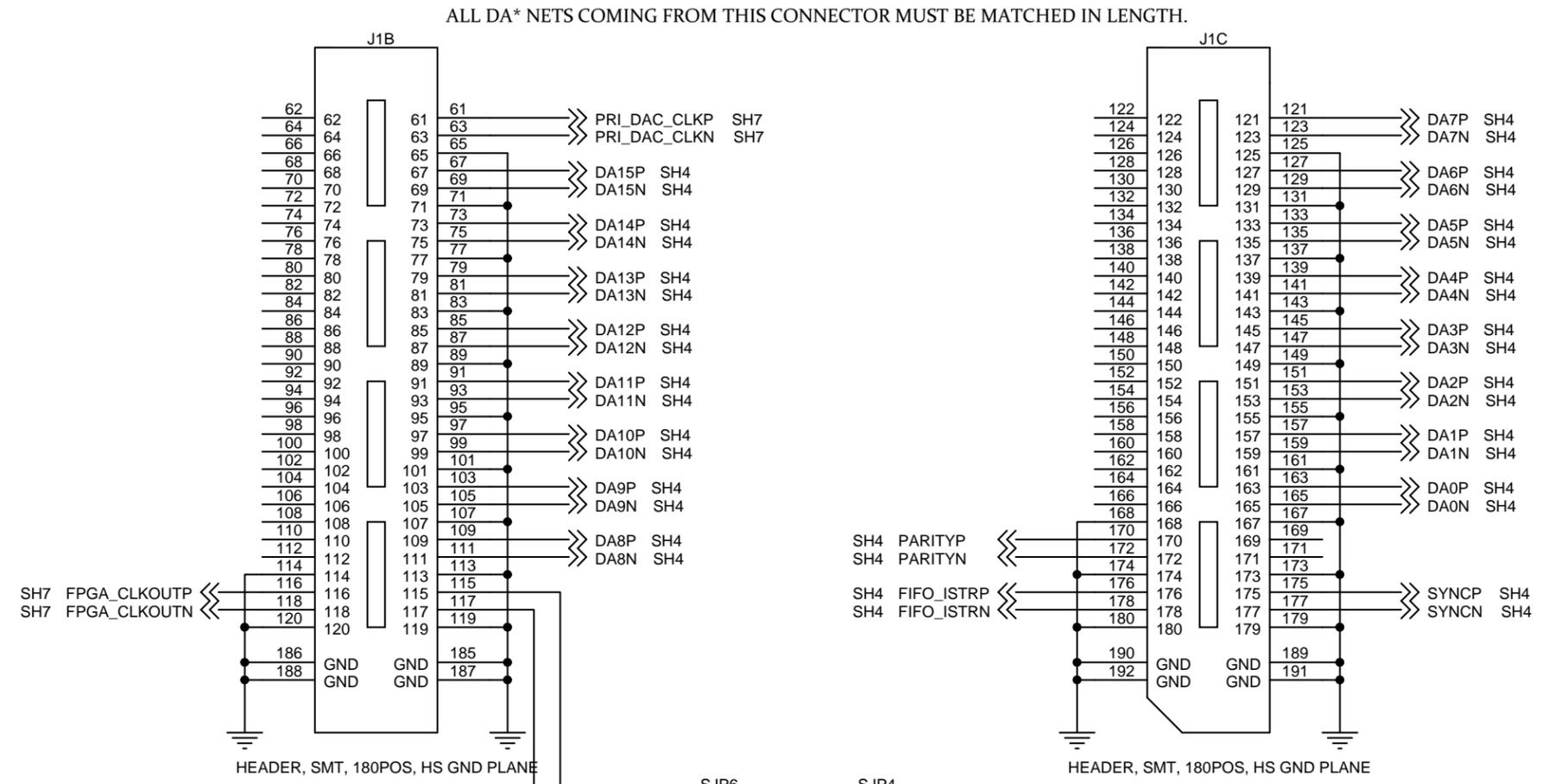
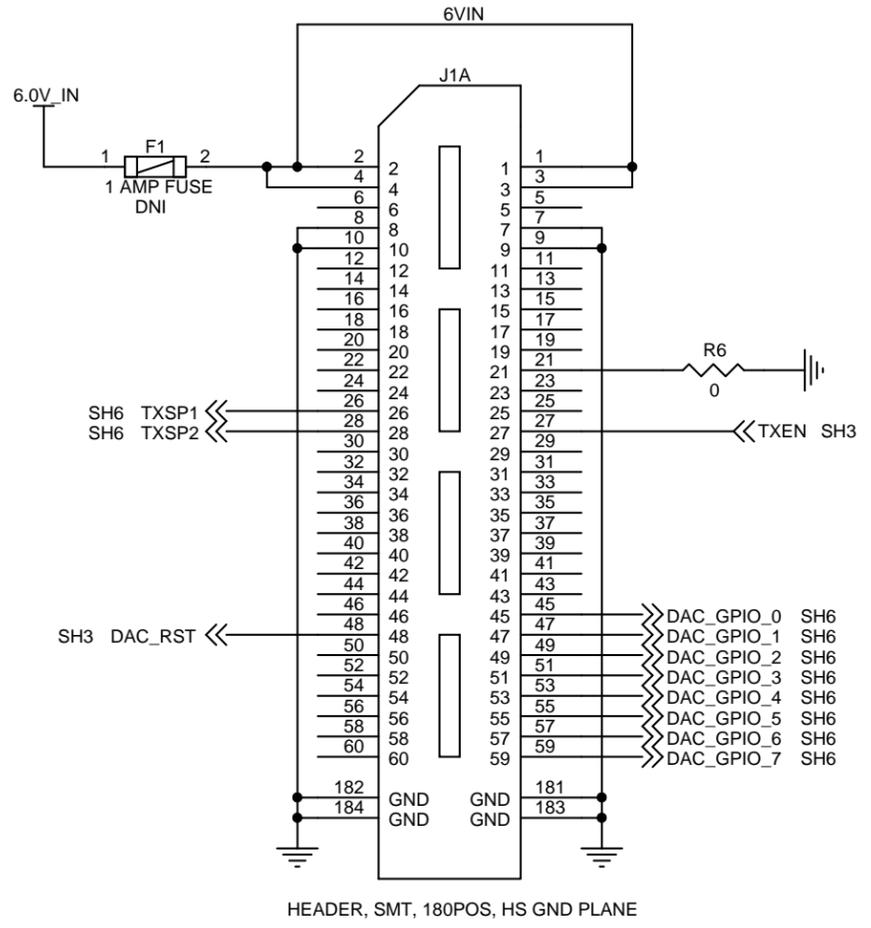


TEXAS INSTRUMENTS

Title		TSW3085 EVM	
Size	Document Number	Rev	
B	COVER	B	
Date:	Thursday, September 22, 2011	Sheet	1 of 9

Engineer: J. SETON
PCB Designer: JV SMITH

EXTERNAL INTERFACE



NETS *_L MUST BE 2664 MILS LONGER THAN NETS *_S.

EXAMPLE:
 DA* NETS TOTAL LENGTH = 2672:2678
 DCLK*S NETS TOTAL LENGTH = 2672:2678
 DCLK*L NETS TOTAL LENGTH = 5336:5339

$$\text{DATACLK-P} + \text{DATACLKP} + \text{AIR GAP BETWEEN SJP PINS} + \text{DCLKP_L} = 5336:5339$$

$$671.85 + 1890.09 + 60 + 2712.09 = 5338.87$$

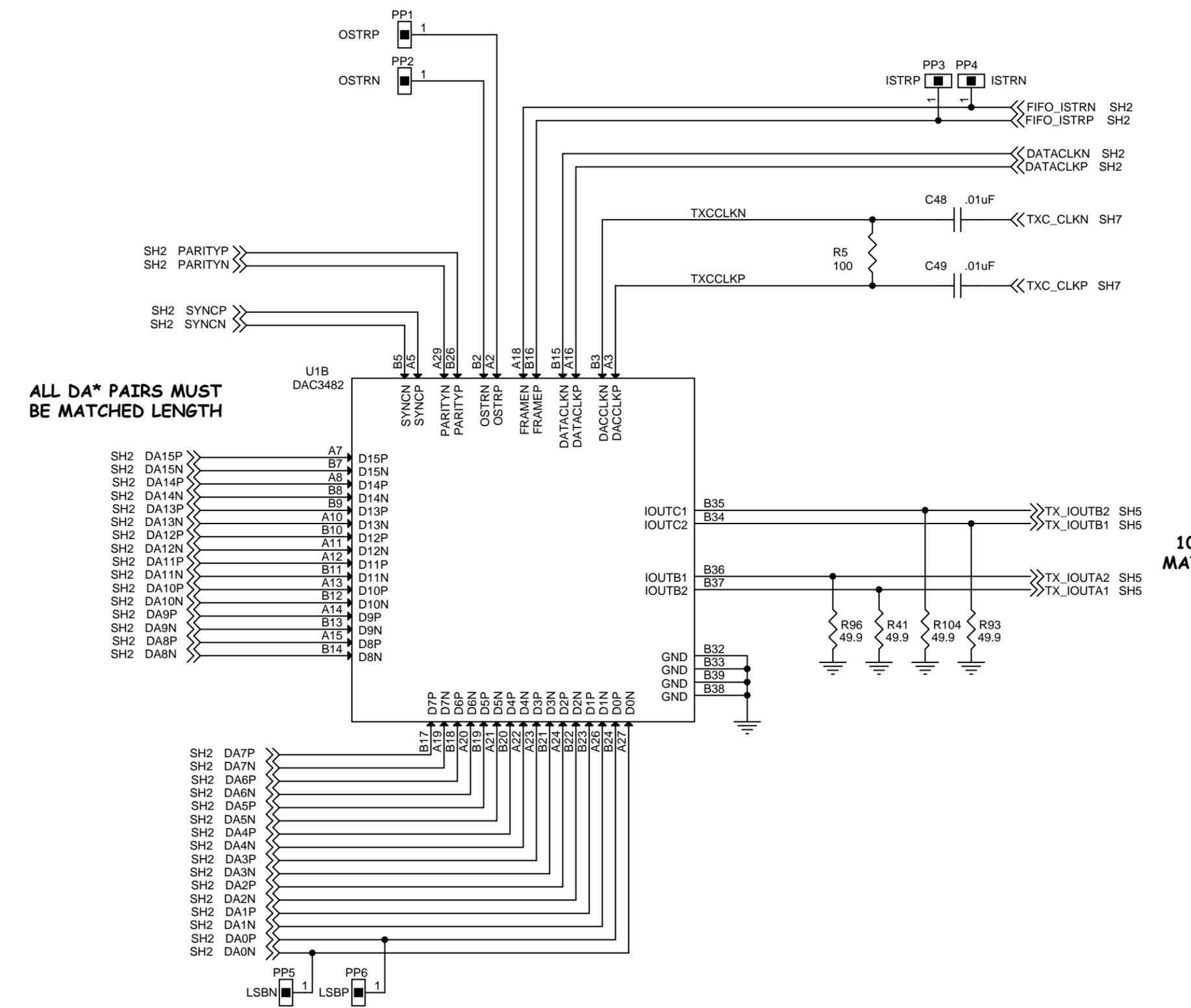
TEXAS INSTRUMENTS

Title: **TSW3085 EVM**

Size: **B** Document Number: **INTERFACE** Rev: **B**

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TRANSMIT DAC



100 OHM DIFF
MATCHED LENGTH

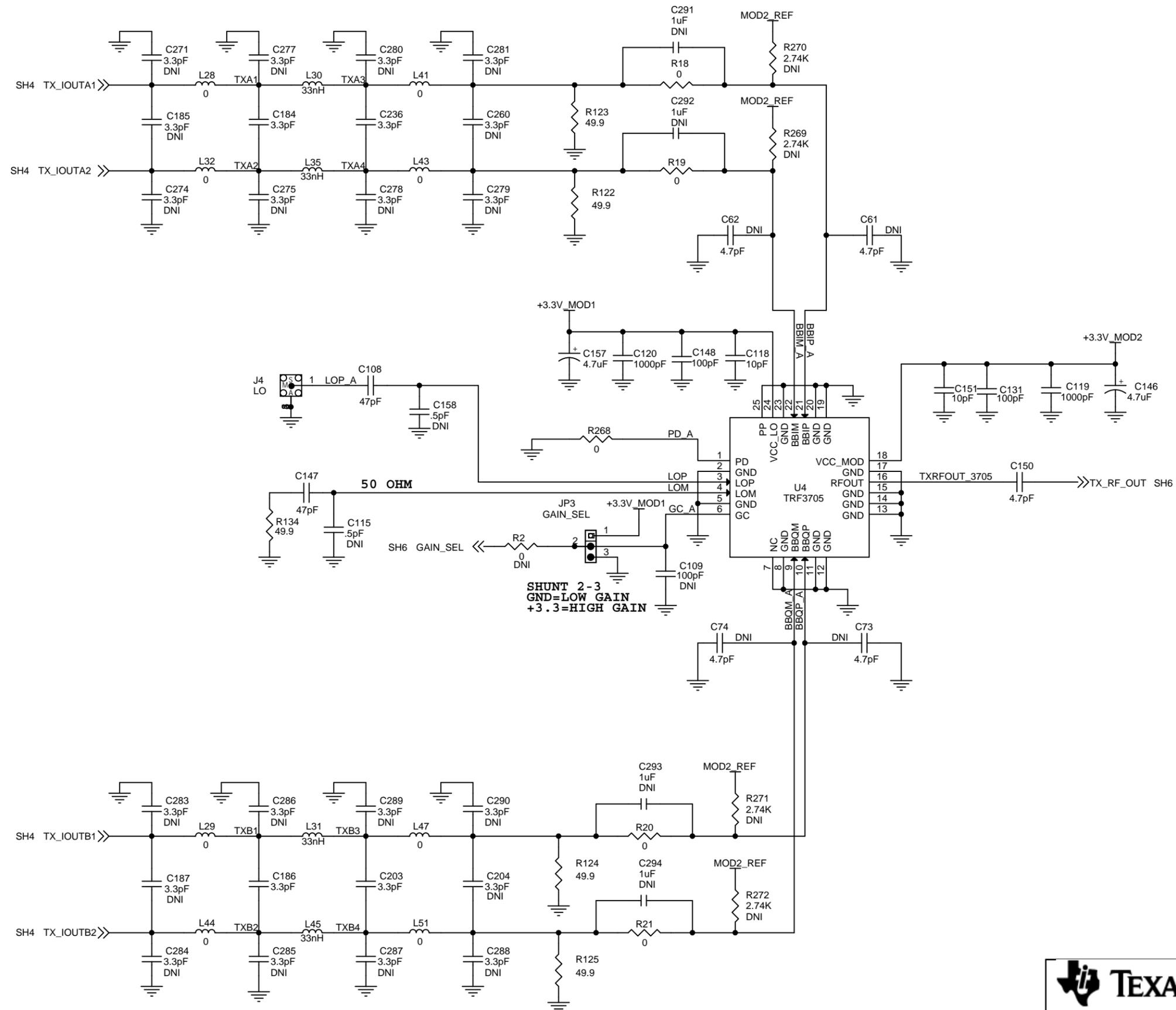
TEXAS INSTRUMENTS

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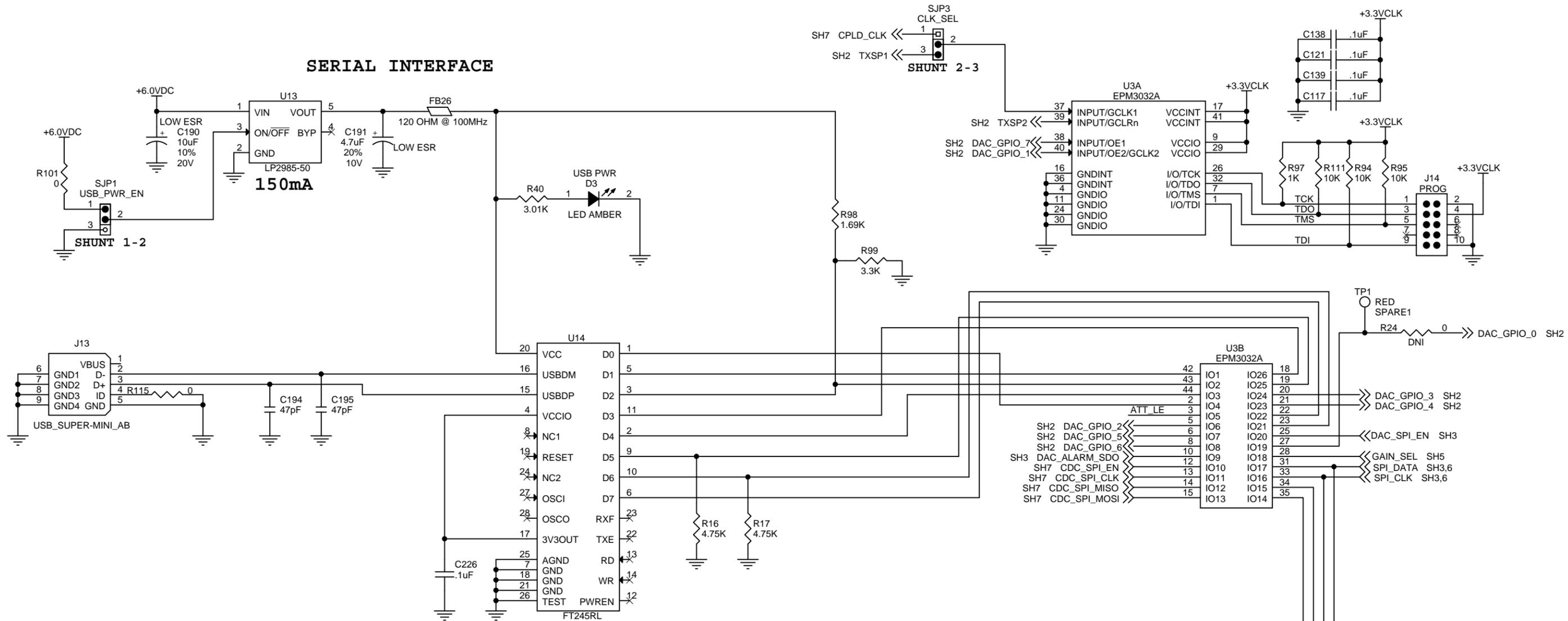
Size: B	Document Number: MULTI-FREQ DAC	Rev: B
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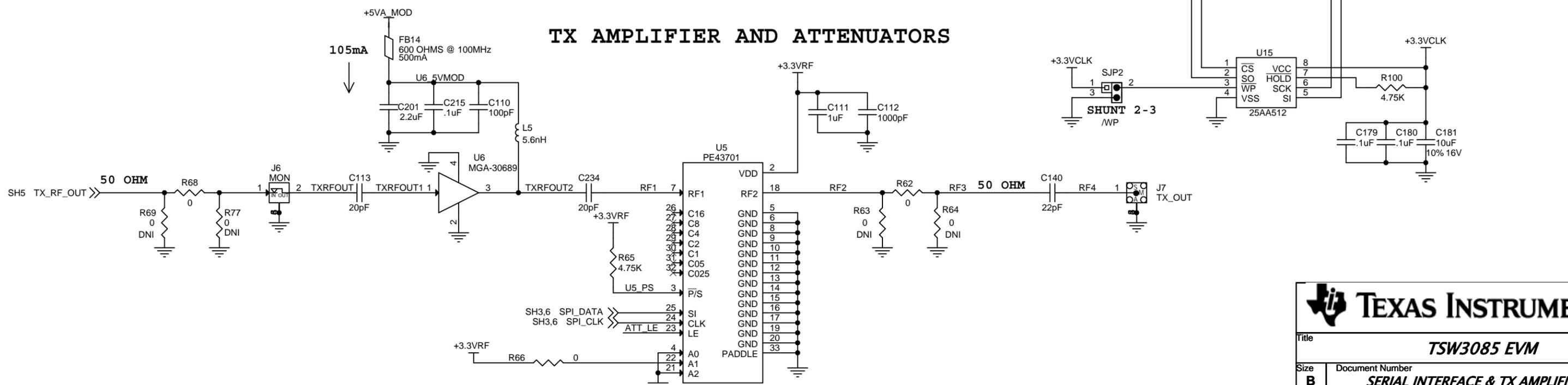
CHANNEL D TRANSMIT MODULATOR



SERIAL INTERFACE



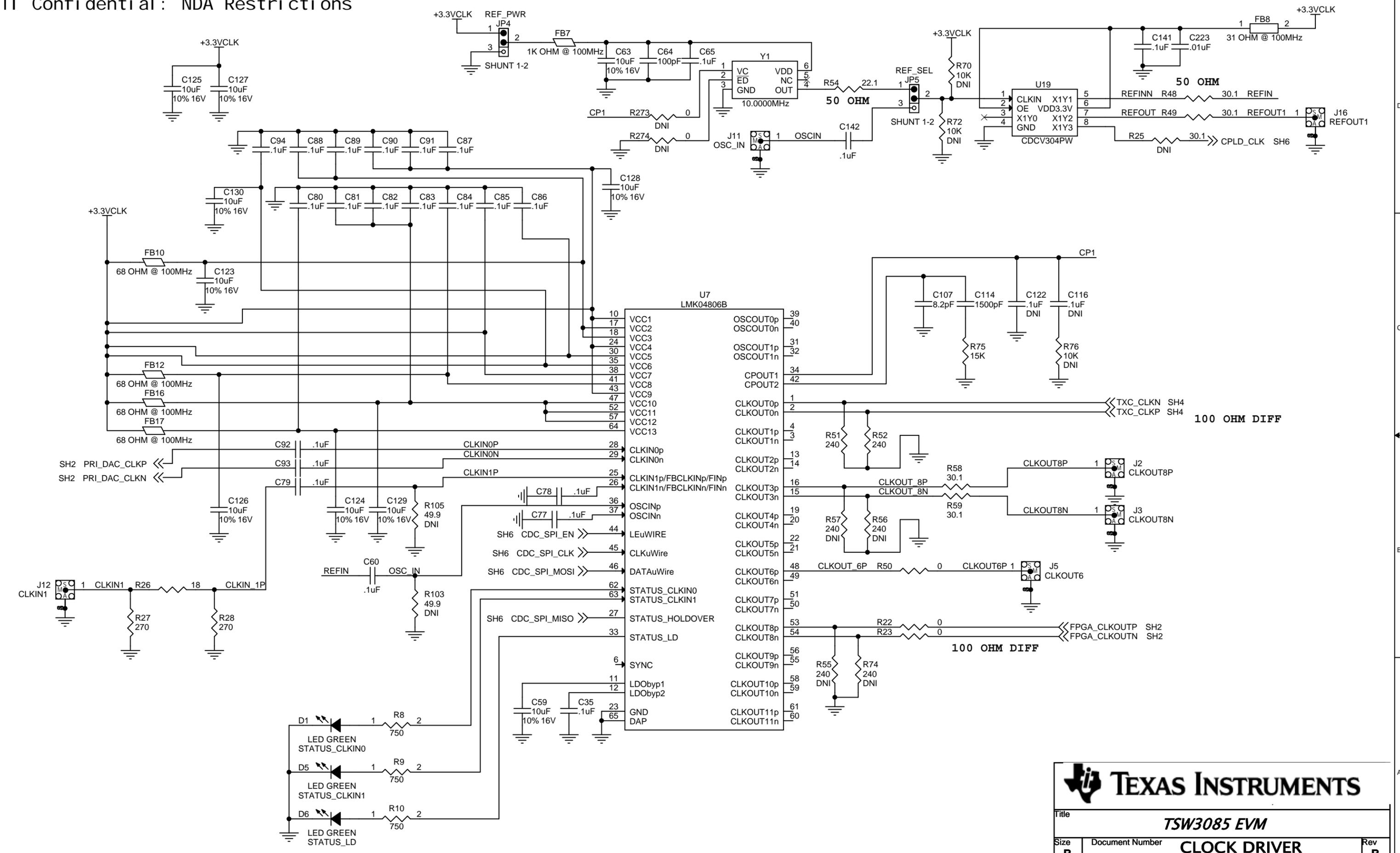
TX AMPLIFIER AND ATTENUATORS



TEXAS INSTRUMENTS

Title: **TSW3085 EVM**

Size: B	Document Number: SERIAL INTERFACE & TX AMPLIFIER	Rev: B
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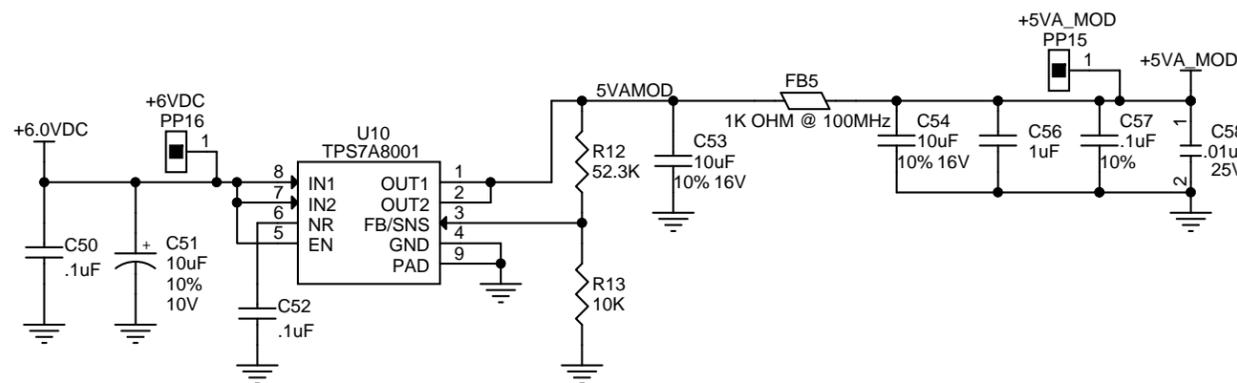
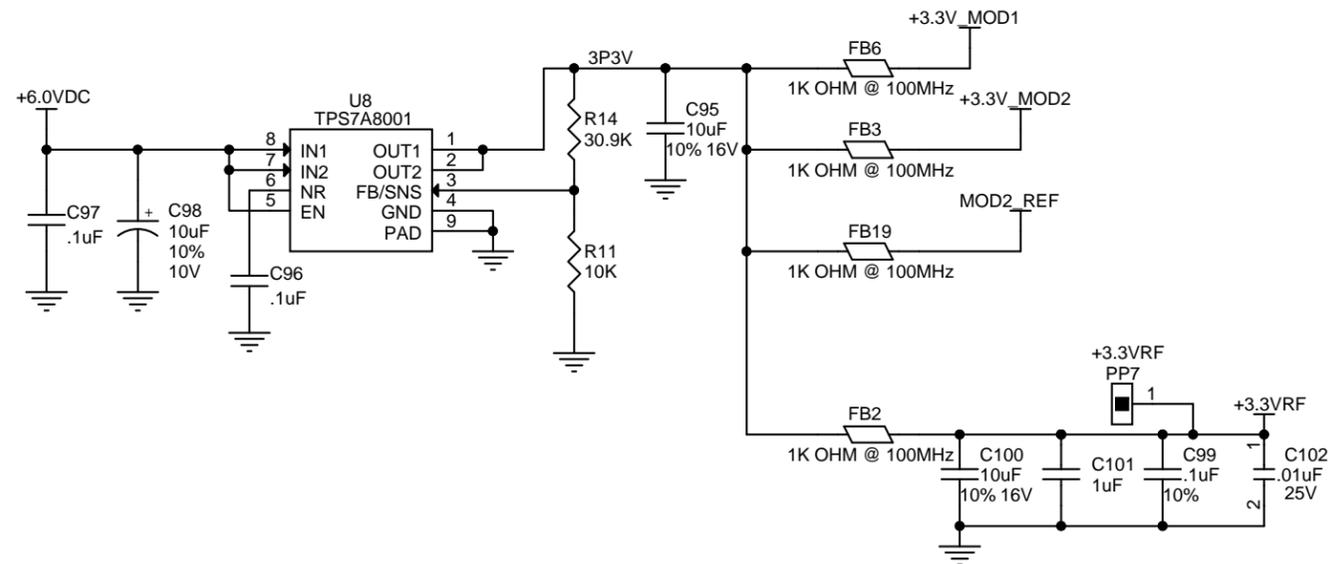
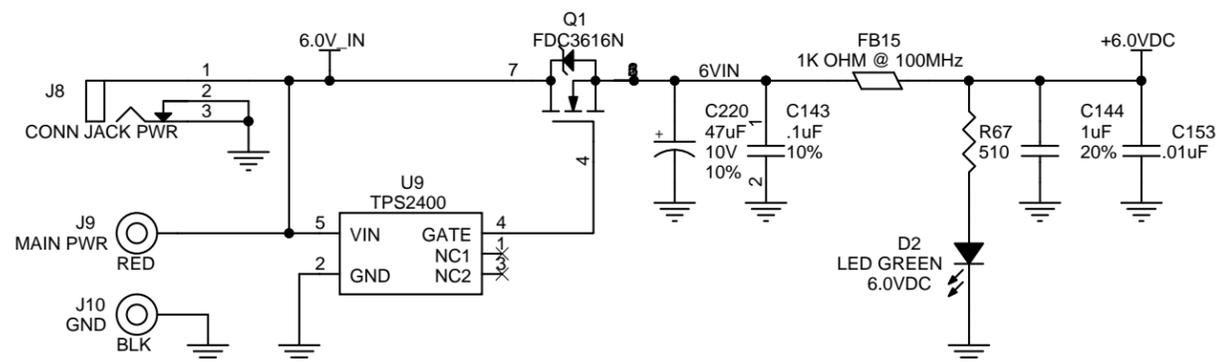


TEXAS INSTRUMENTS

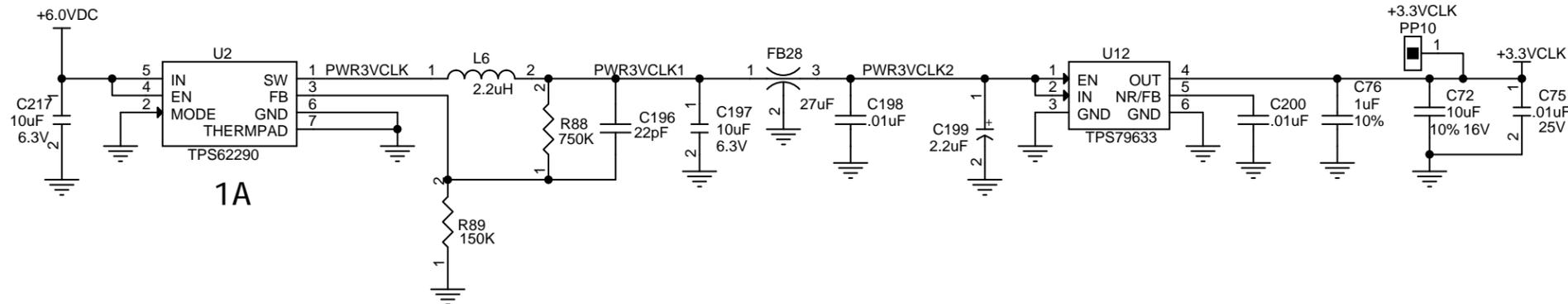
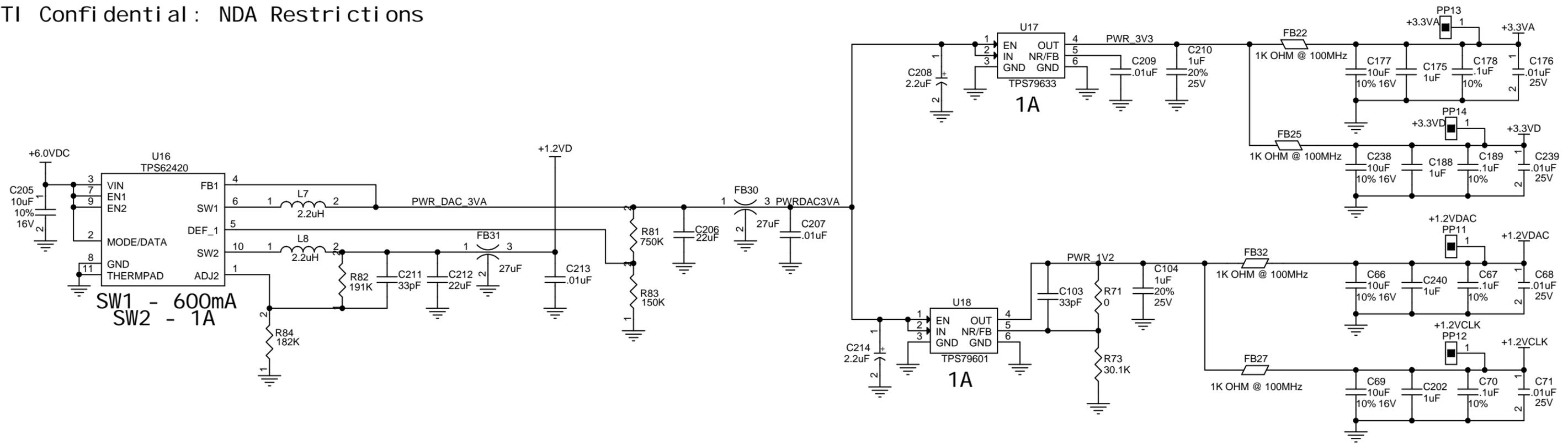
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Size: **B** | Document Number: **CLOCK DRIVER** | Rev: **B**

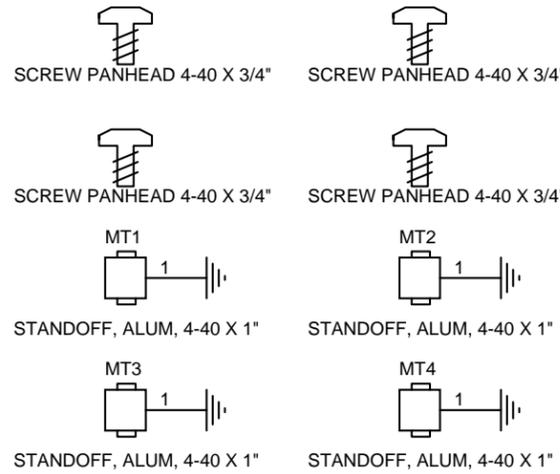
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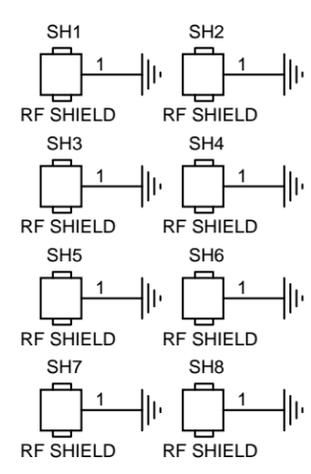
Title		
TSW3085 EVM		
Size	Document Number	Rev
B	MULTI-FREQ PWR DISTRIBUTION	B
Date:	Thursday, September 22, 2011	Sheet 8 of 9



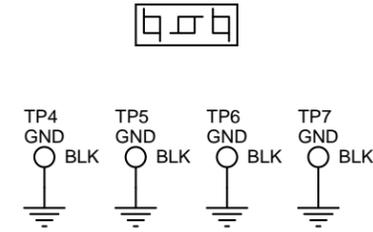
BOARD STANDOFFS AND HARDWARE



HOLES FOR THE RF SHIELD



BARE BOARD



TEXAS INSTRUMENTS

Title: **TSW3085 EVM**

Size: **B** Document Number: **DAC PWR REG** Rev: **B**

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