

REV	Description	DATE	BY
A	Alpha release	10/28/11	CCO
A2	Beta release	12/20/11	CCO

ARM MPU

Texas Instruments, Inc.

ARM MPU Business Unit
12500 TI Blvd
Dallas, TX 75243



AM335X 15X15 ICE BOARD

Title

Size
B

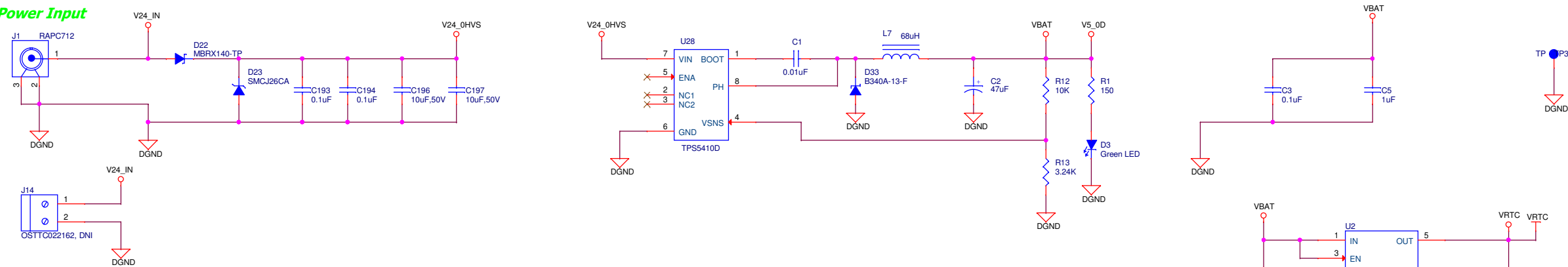
Document Number
AM335X_15X15_ICE.dsn

Modified By:
CCO

Rev
A2

Date: Tuesday, December 20, 2011

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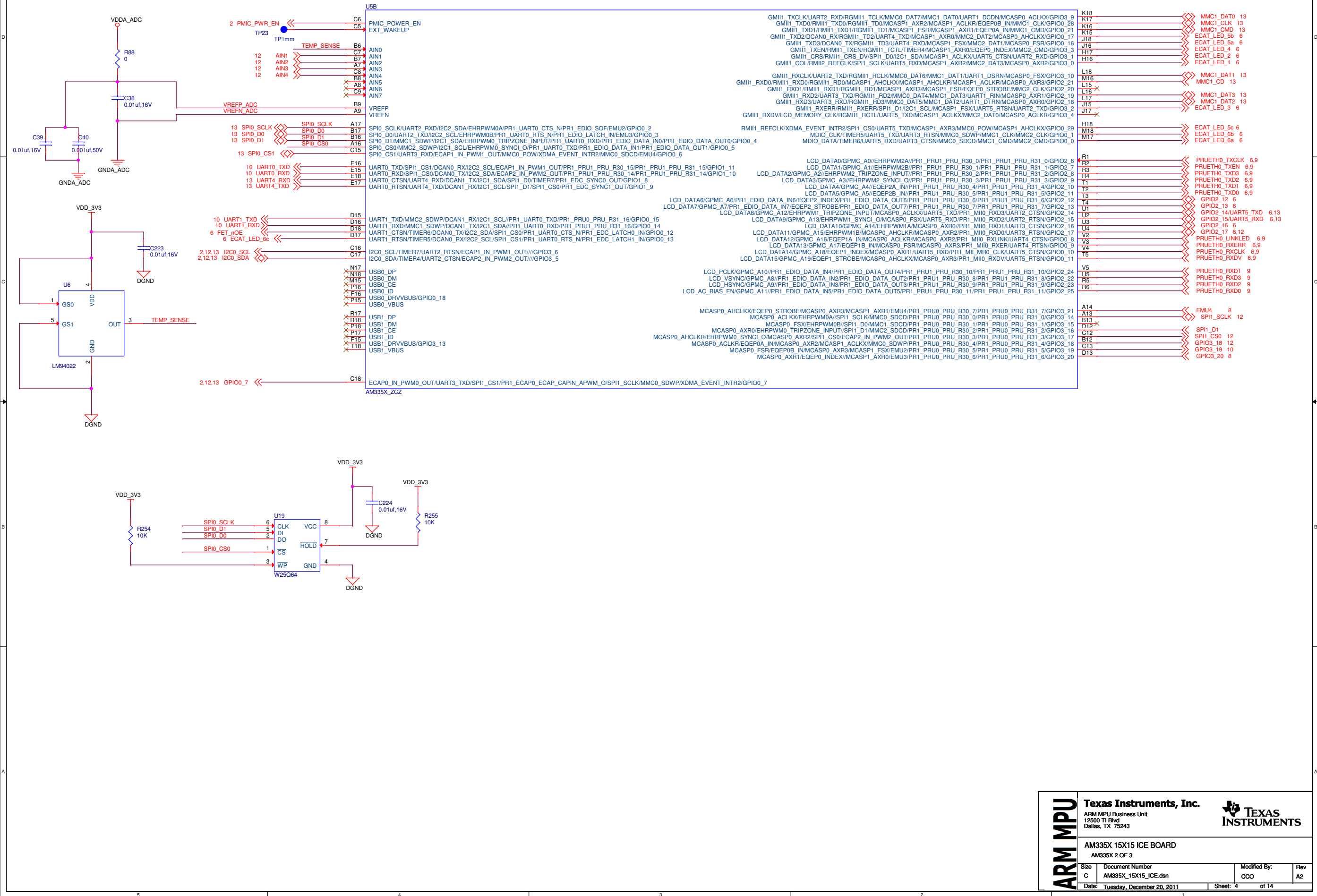
Power Management IC

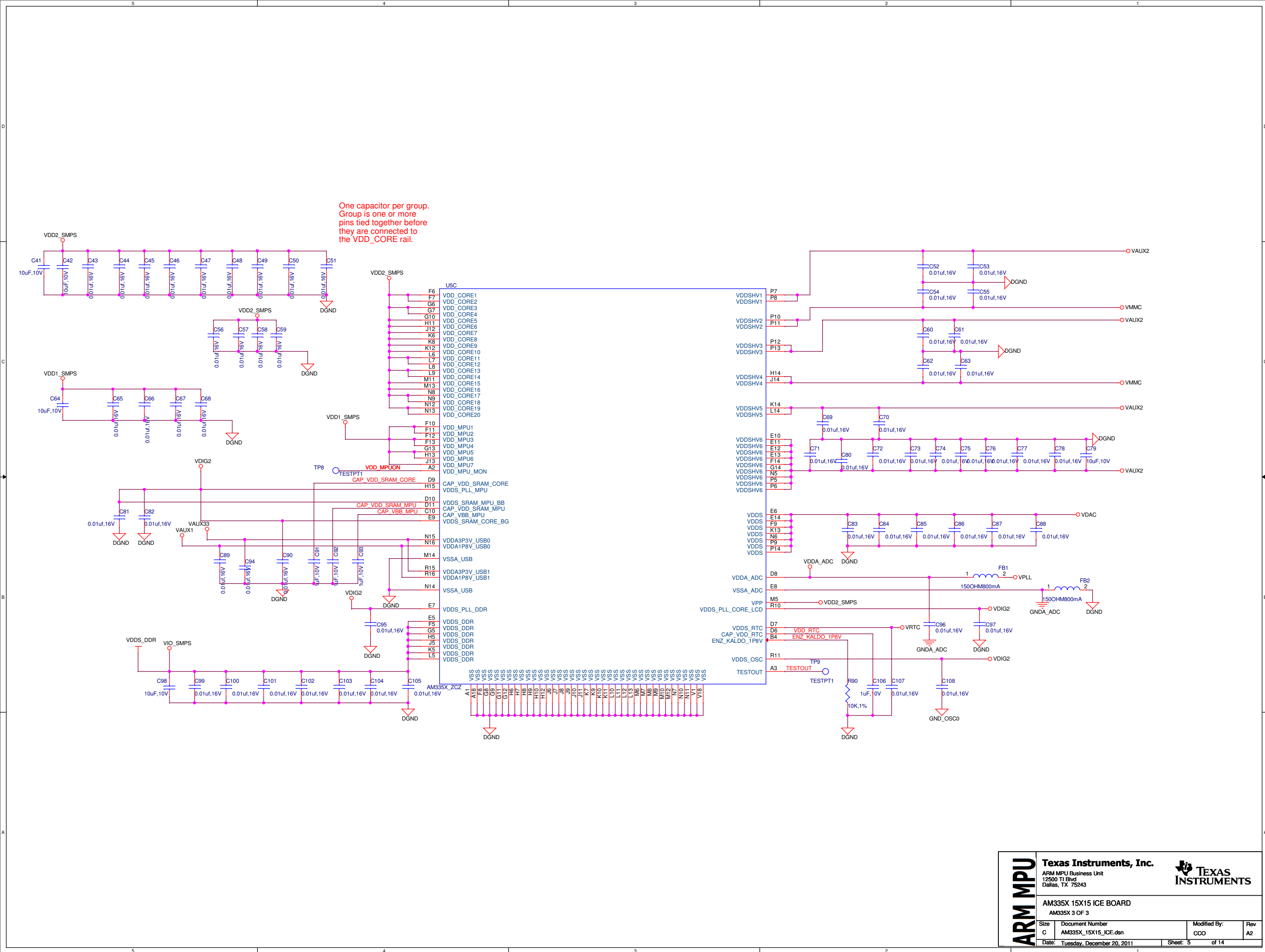




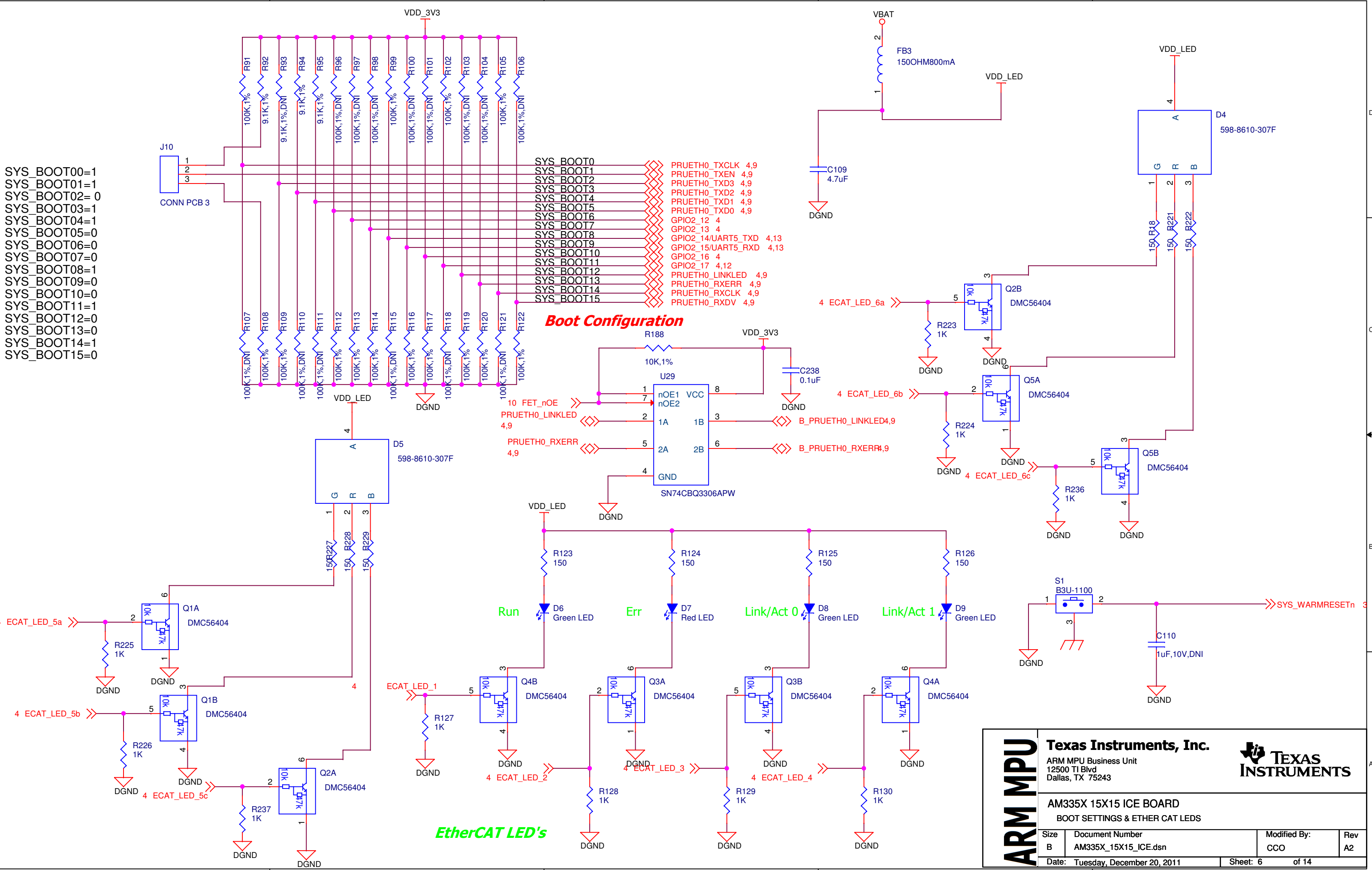
- 1) LOCATE THESE RESISTORS AS CLOSE TO EACH OTHER AS POSSIBLE.
- 2) KEEP CONNECTIONS ON THE RESISTORS TO GND AND VDD_S DDR AS SHORT AS POSSIBLE.
- 3) PLACE THE RESISTOR PAIR EQUAL DISTANCE BETWEEN PROCESSOR AND THE TWO DDR MEMORY DEVICES.
- 4) ISOLATE THIS TRACE FROM OTHER SIGNALS.

- 1) AIN signals need to be routed over a plane connected to GND_A_ADC.
2) Signal should be as short as possible.
3) All signals need to be isolated from other signals on the board.





SYS_BOOT00=1
SYS_BOOT01=1
SYS_BOOT02=0
SYS_BOOT03=1
SYS_BOOT04=1
SYS_BOOT05=0
SYS_BOOT06=0
SYS_BOOT07=0
SYS_BOOT08=1
SYS_BOOT09=0
SYS_BOOT10=0
SYS_BOOT11=1
SYS_BOOT12=0
SYS_BOOT13=0
SYS_BOOT14=1
SYS_BOOT15=0



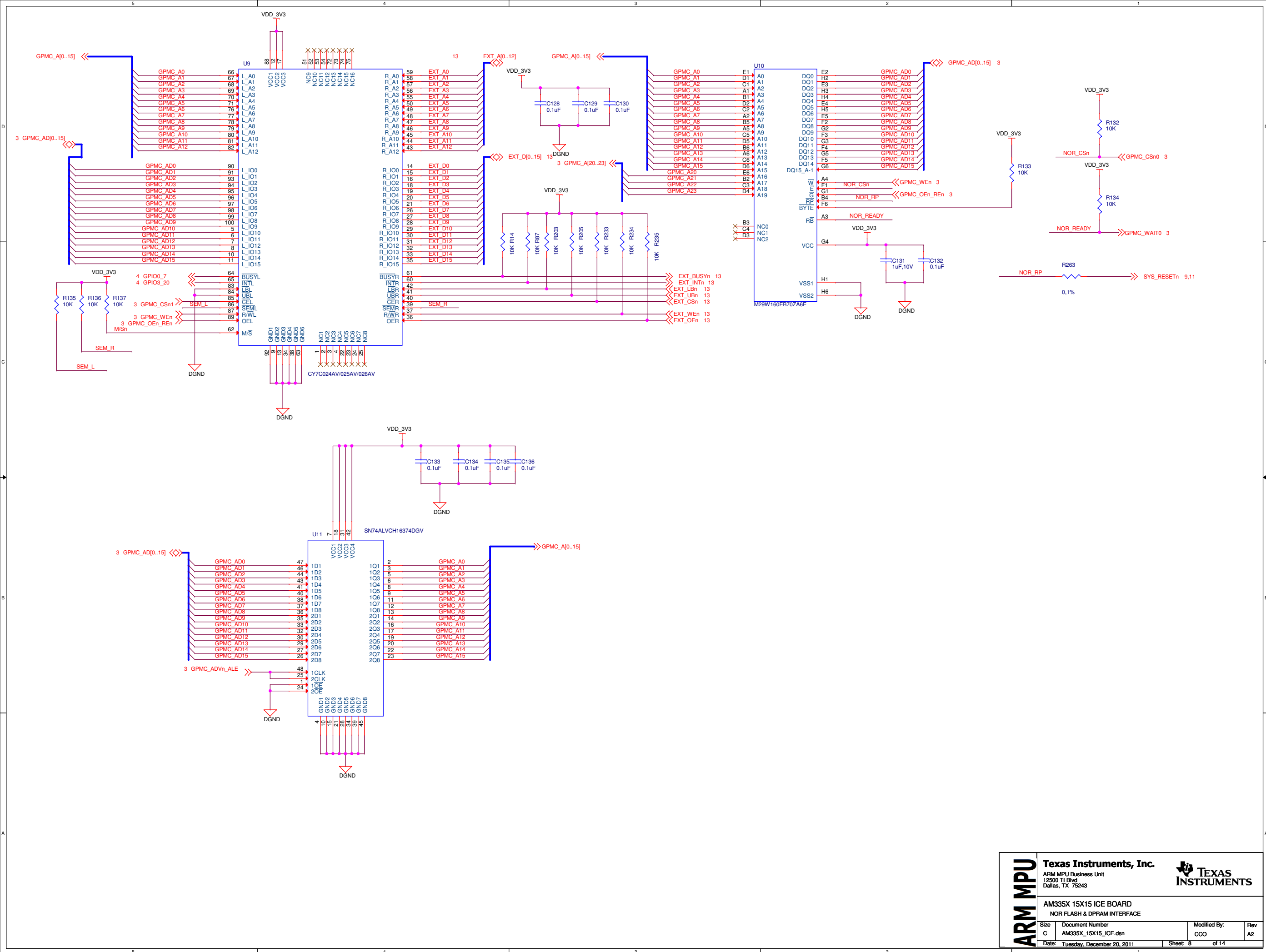
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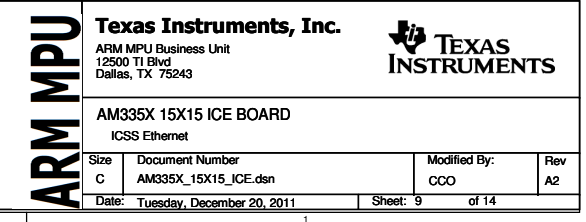
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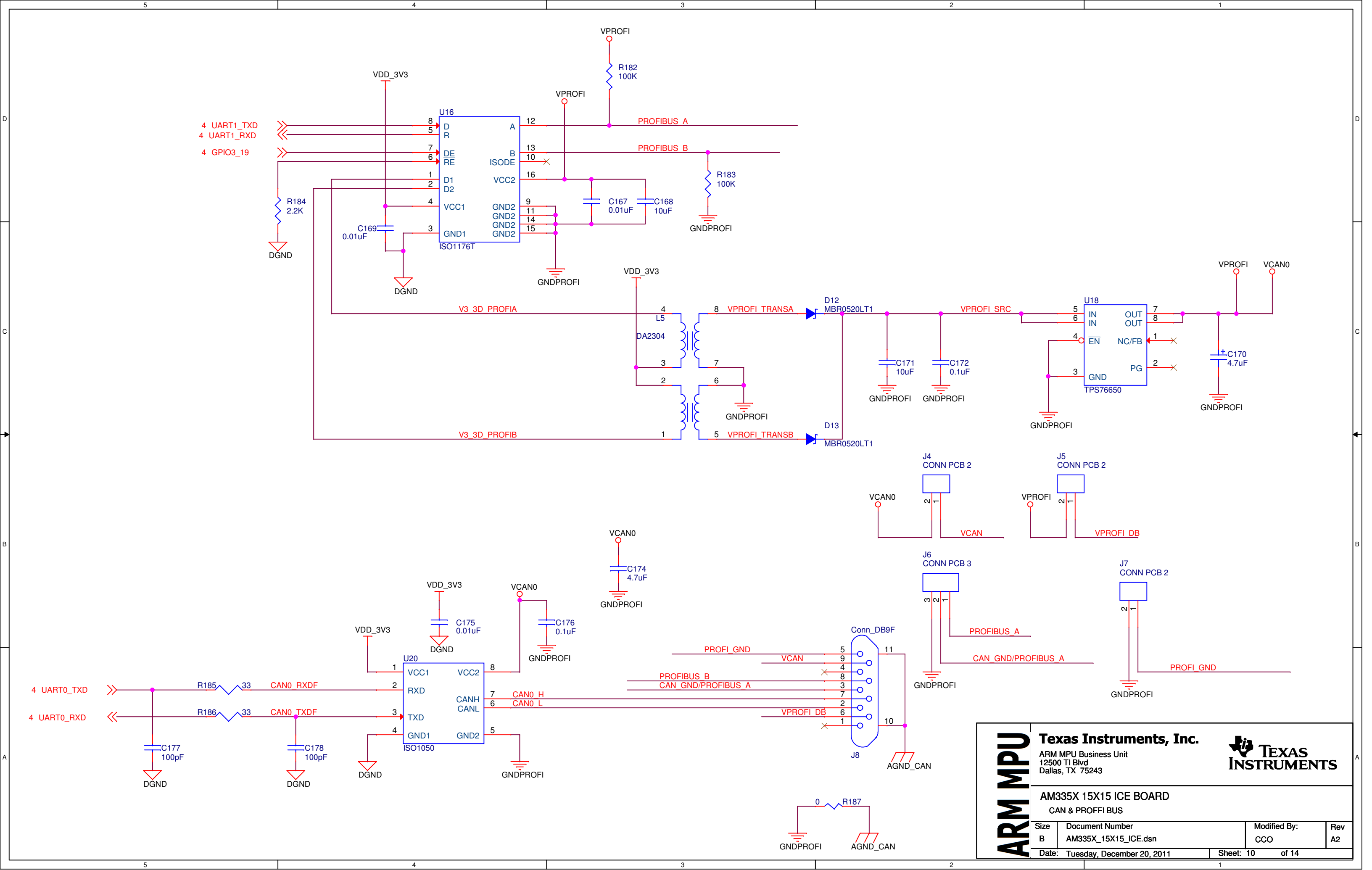
AM335X 15X15 ICE BOARD

BOOT SETTINGS & ETHER CAT LED'S

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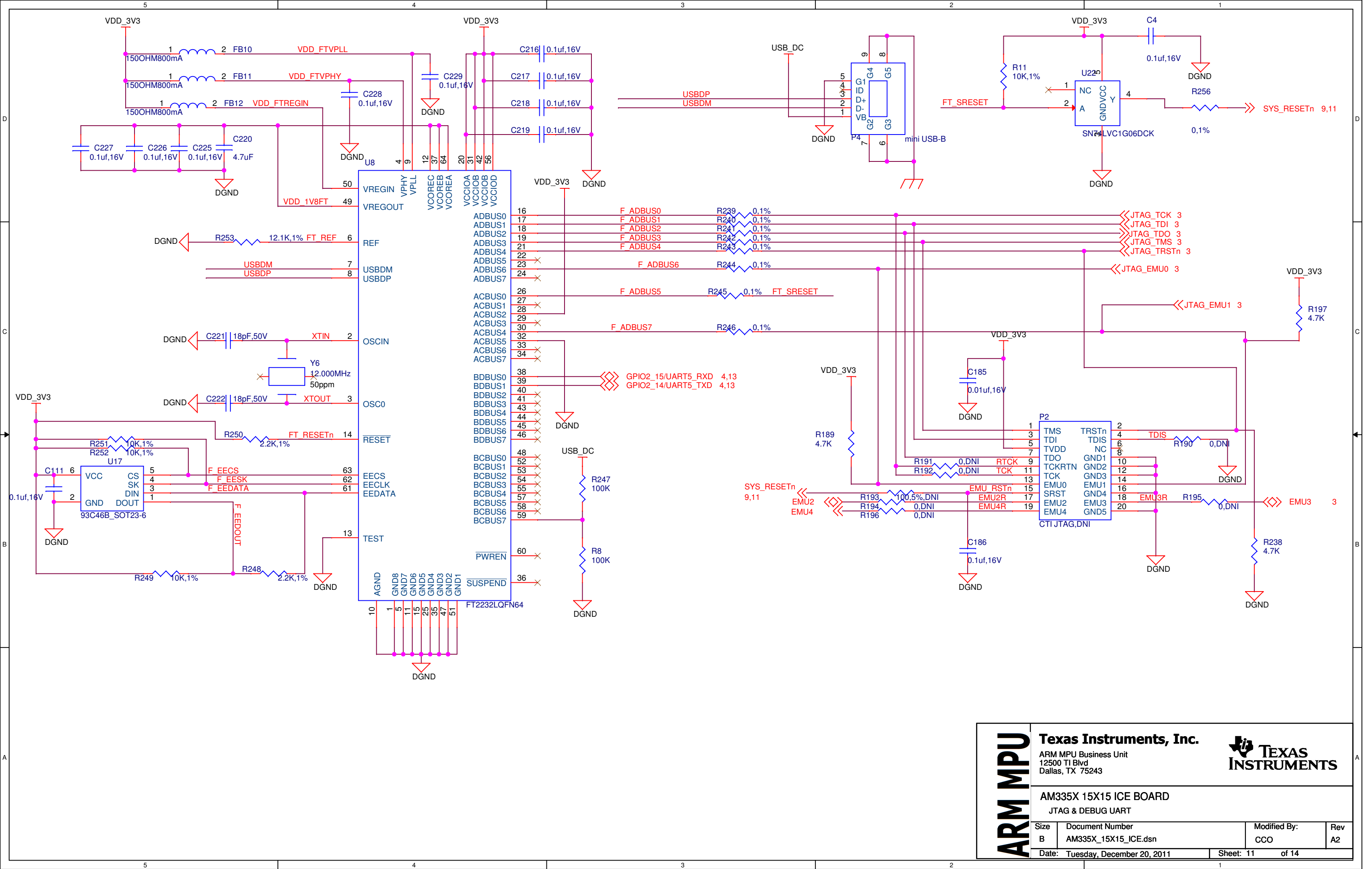


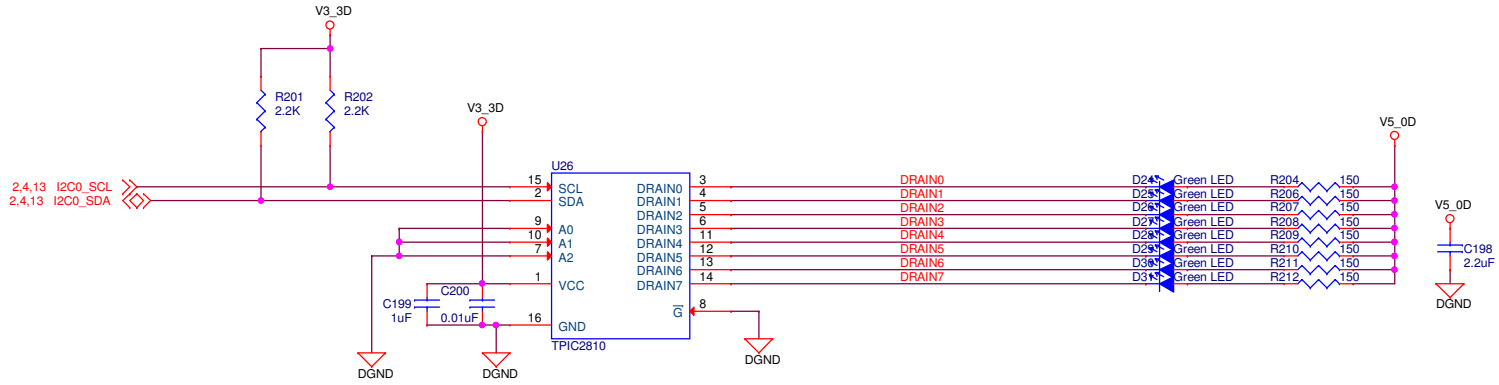
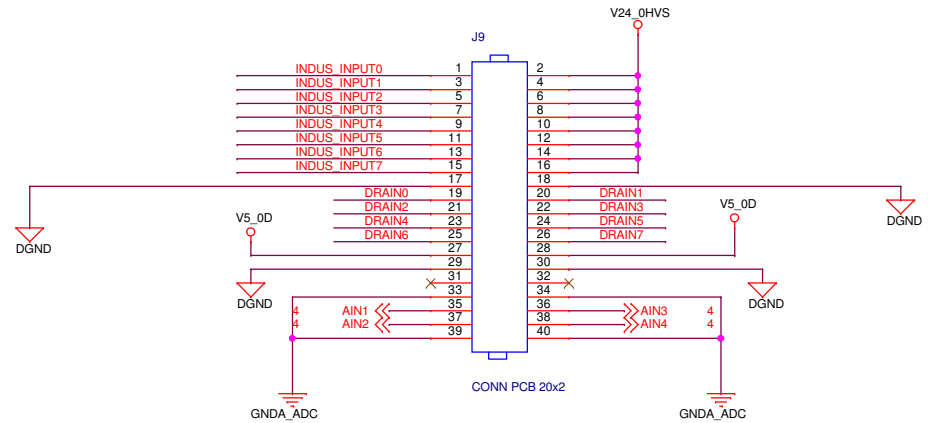
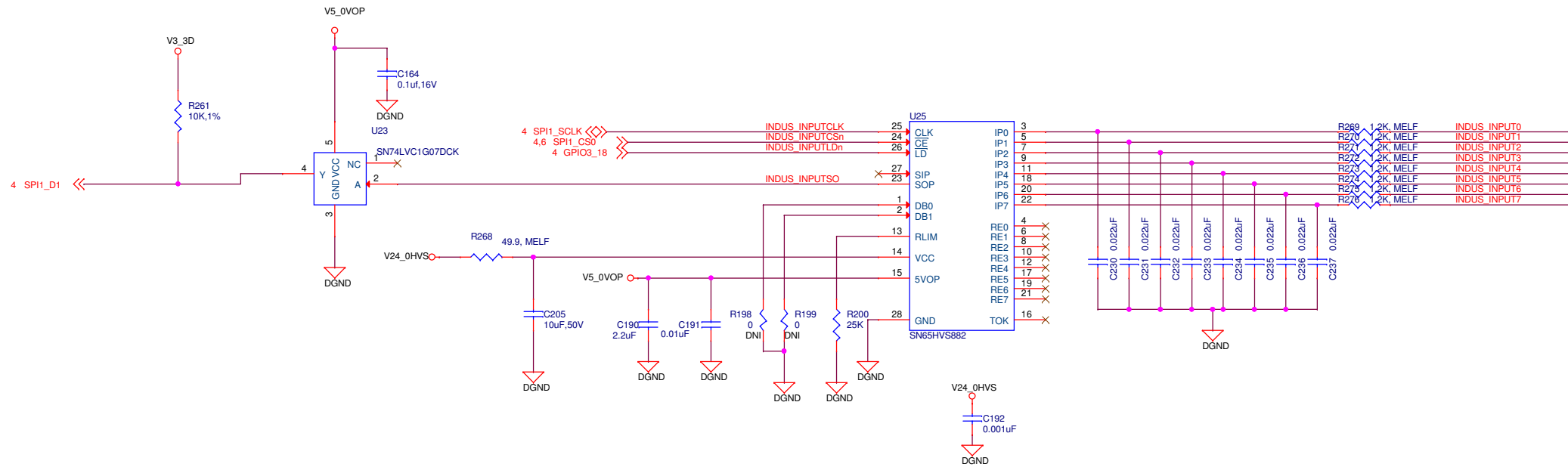
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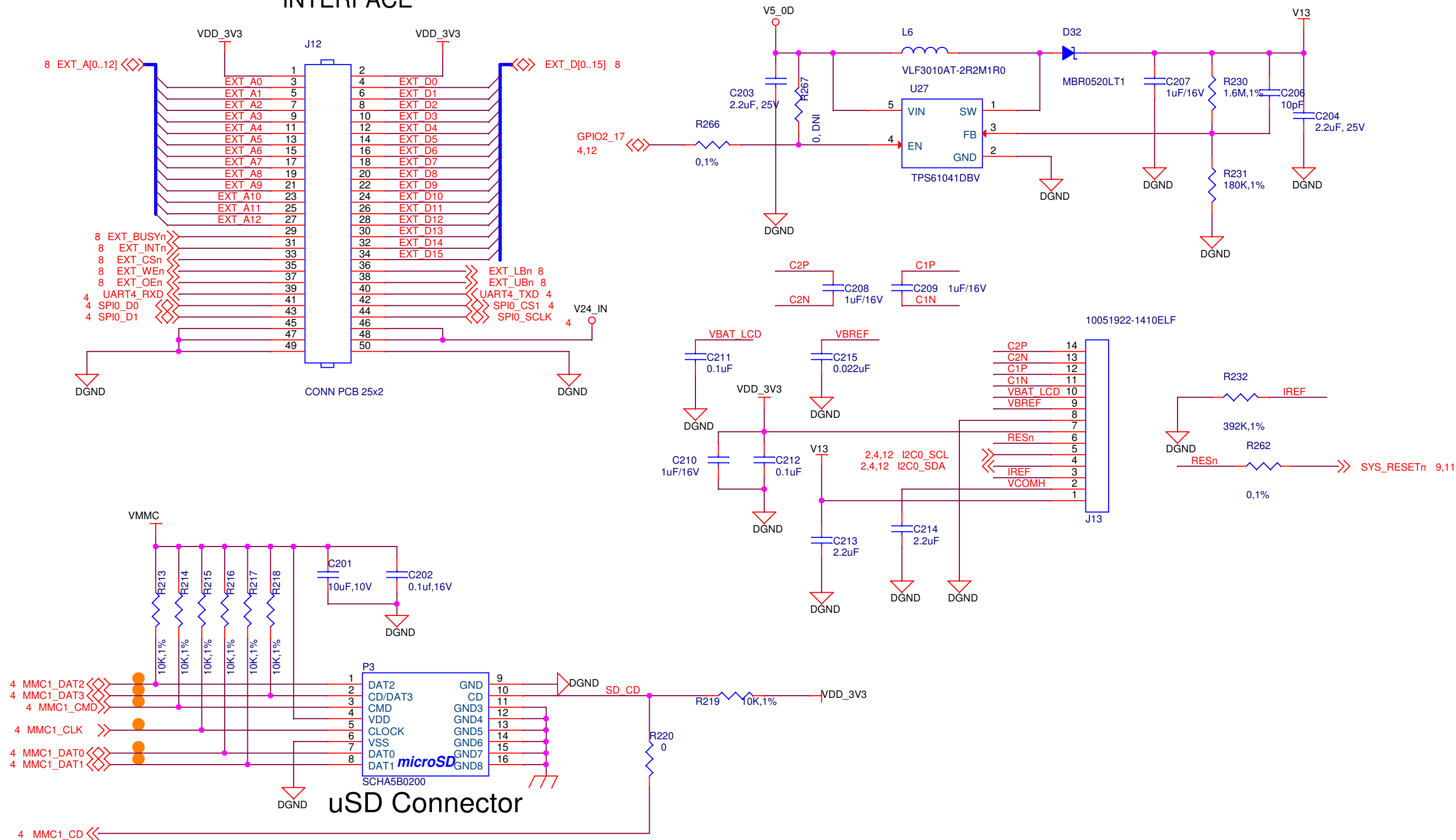
AM335X 15X15 ICE BOARD
CAN & PROFI BUS

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HOST INTERFACE



- Signals below the orange dot are to be matched to each other @ +/- 10mils. Run over ground and keep isolated from other signals as much as possible.

ARM MPU	Texas Instruments, Inc.			
	ARM MPU Business Unit 12500 TI Blvd Dallas, TX 75243			
	TEXAS INSTRUMENTS			
	AM335X 15X15 ICE BOARD			
	EXPANSION			
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