

Production

ATMEL Nantes SA
La Chantrerie BP 70602
44306 Nantes Cedex 3
FRANCE



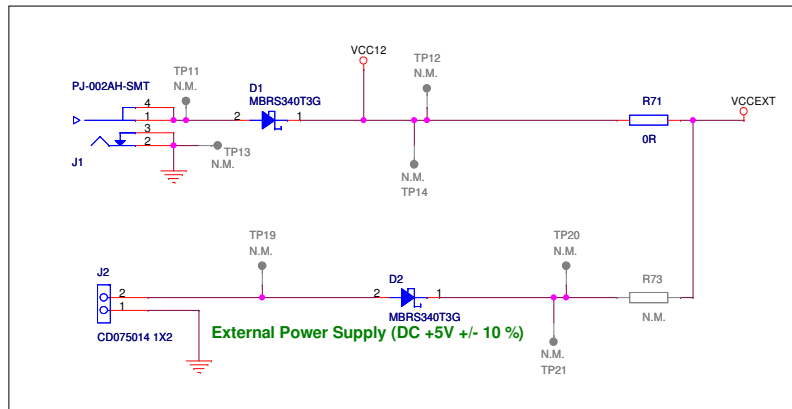
Title AT32UC3C-EK

Size A3 Document Number

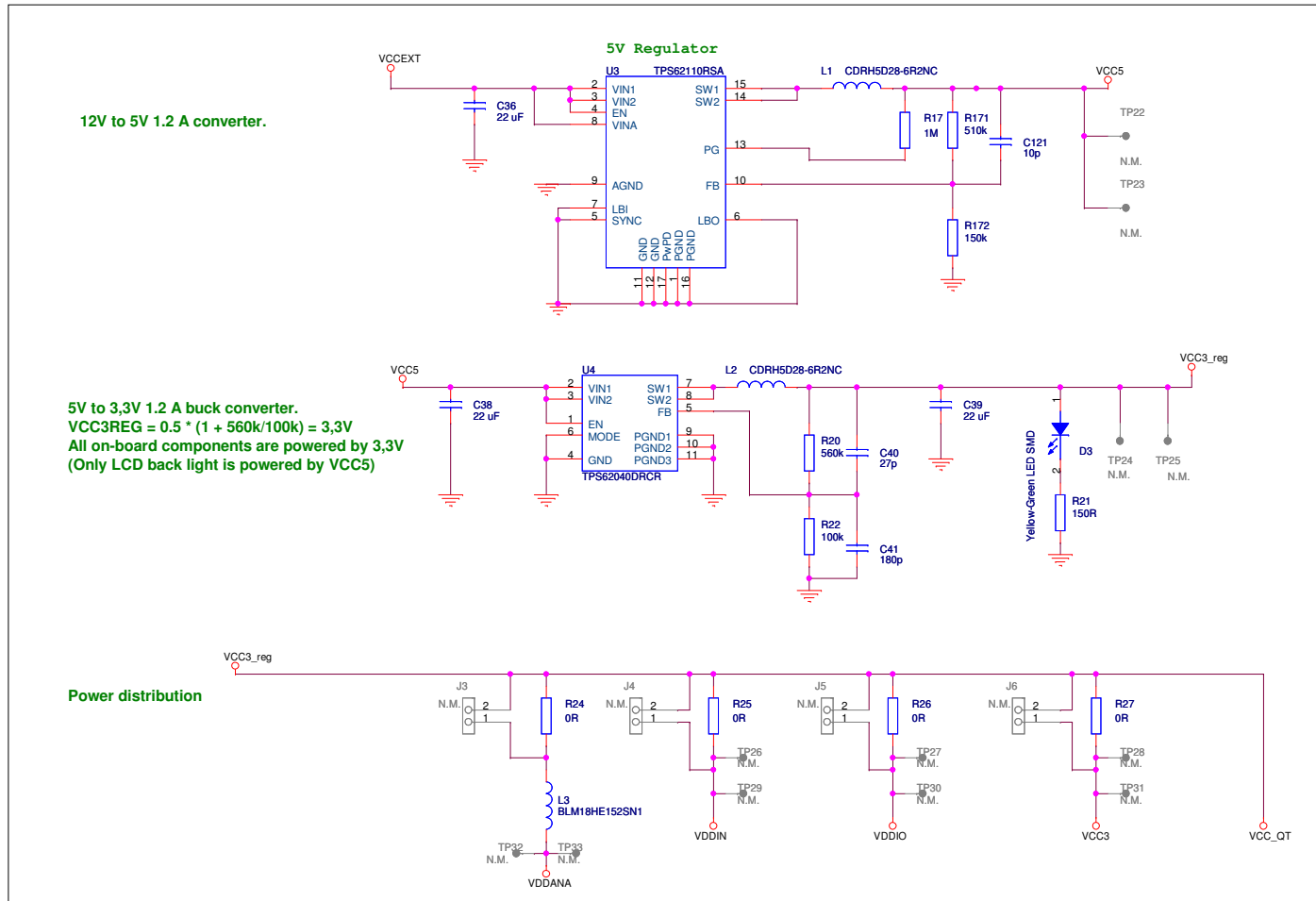
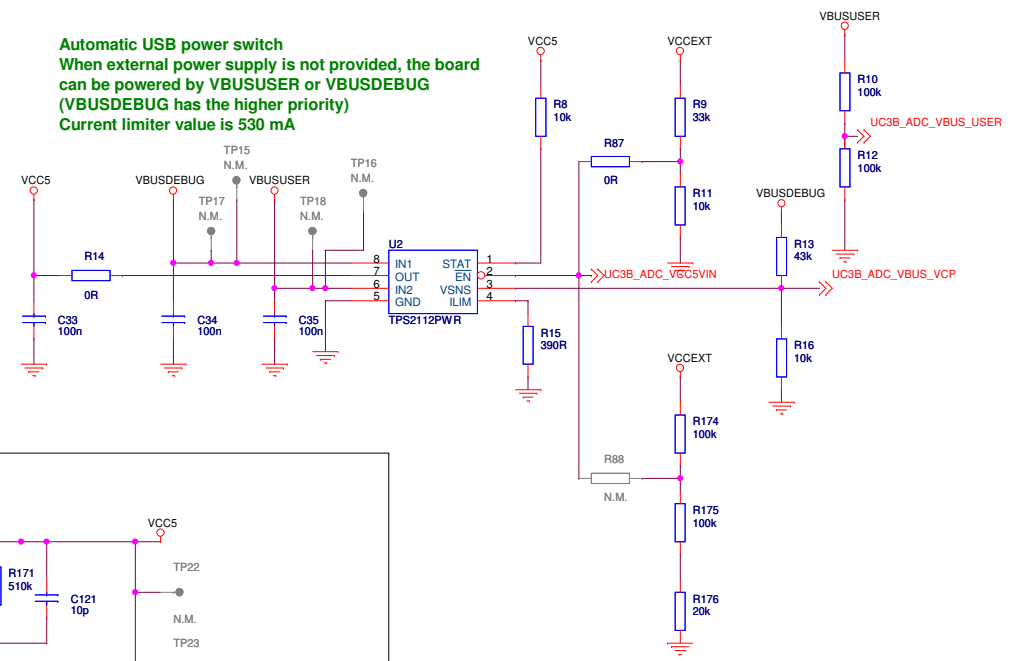
Processor

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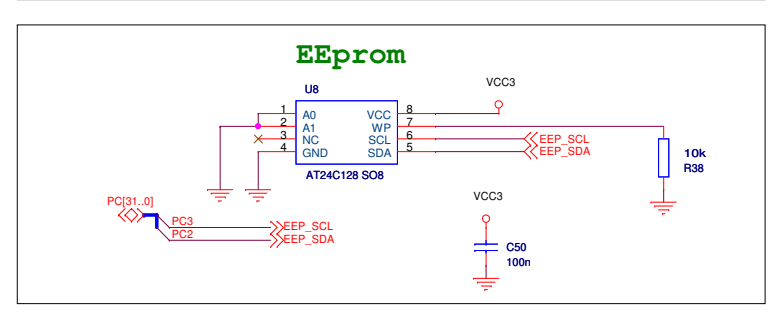
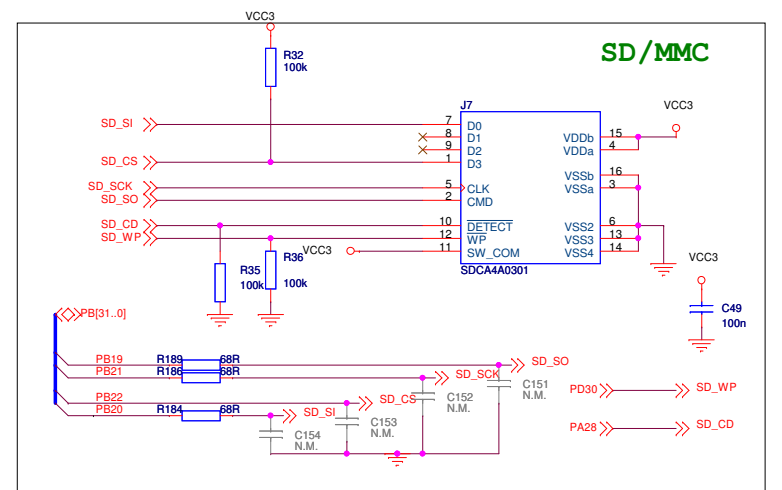
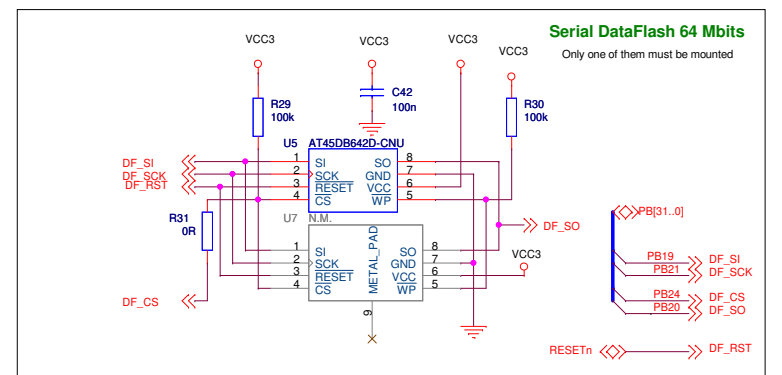
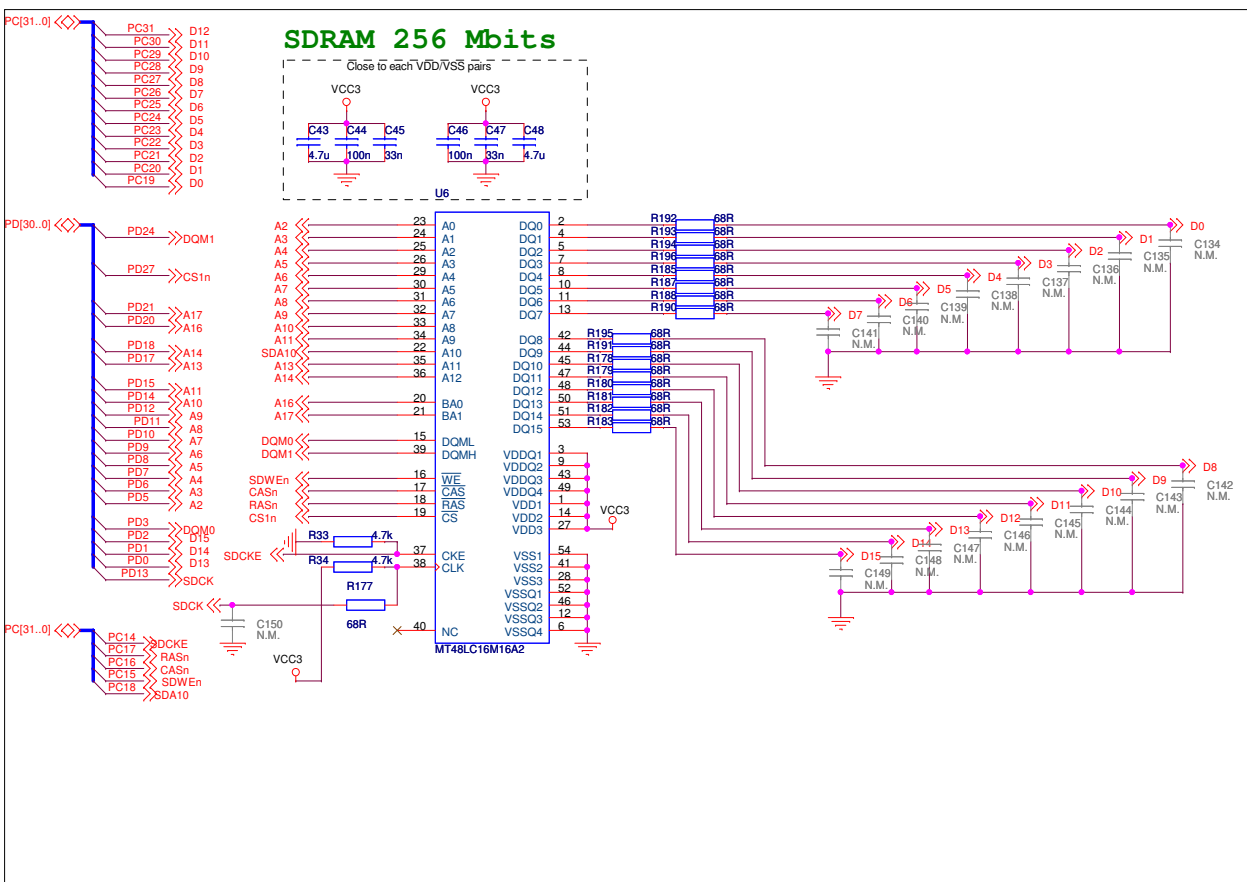


Automatic USB power switch
 When external power supply is not provided, the board can be powered by VBUSUSER or VBUSDEBUG (VBUSDEBUG has the higher priority)
 Current limiter value is 530 mA



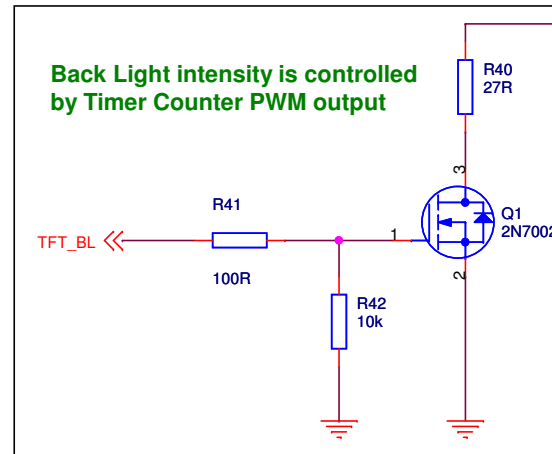
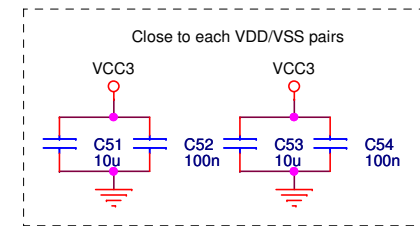
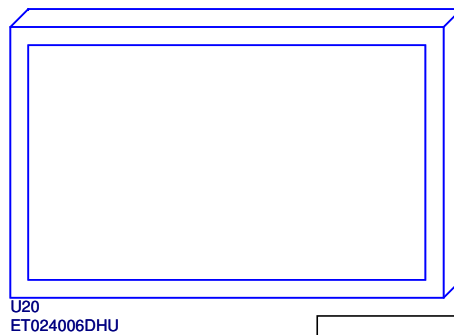
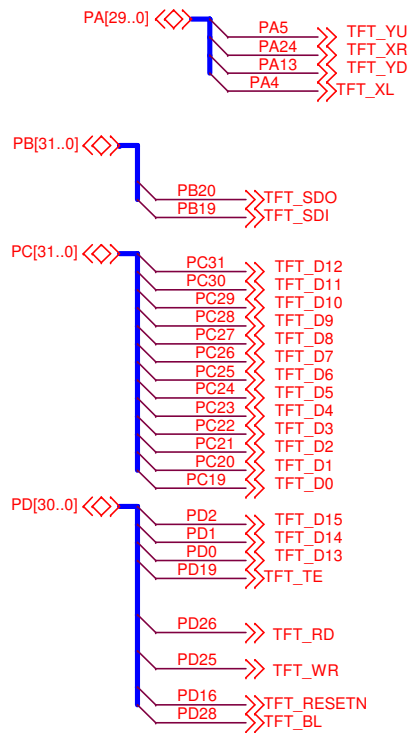
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A3	Power supply	2
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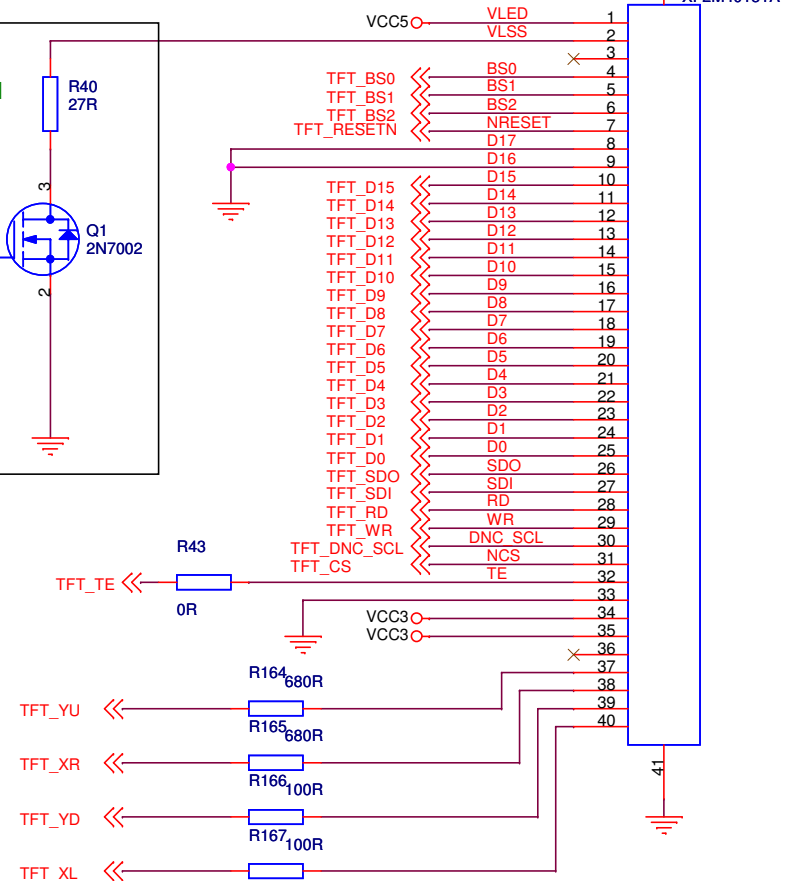
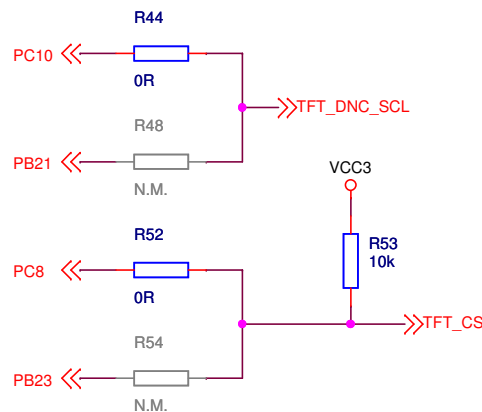
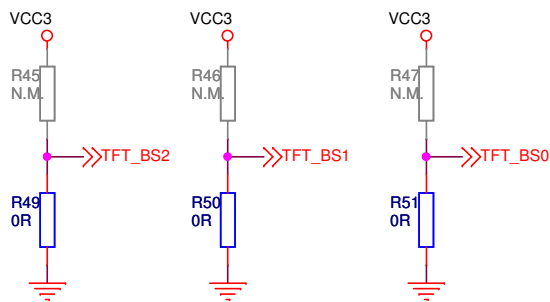


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A3	Memories	2
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Data Interface Selection (EBI 16 bits by default)



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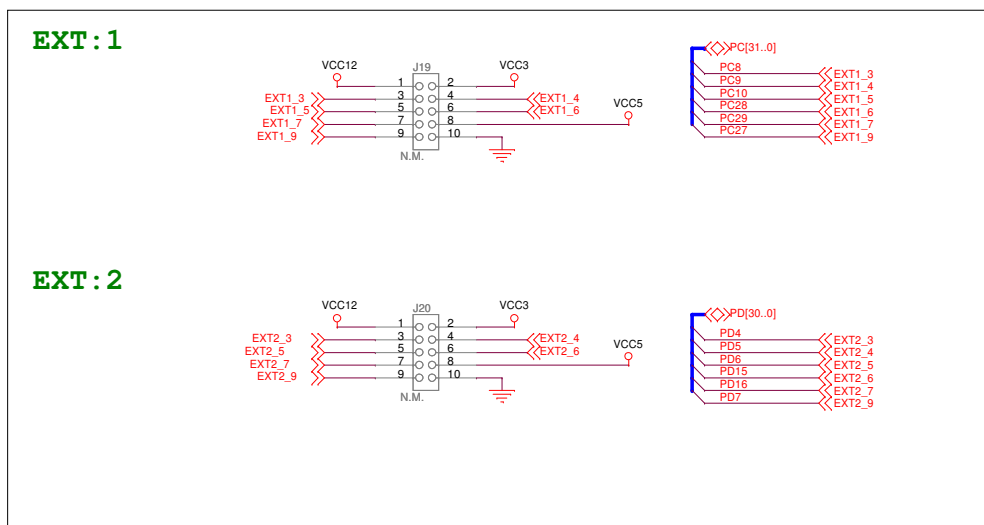
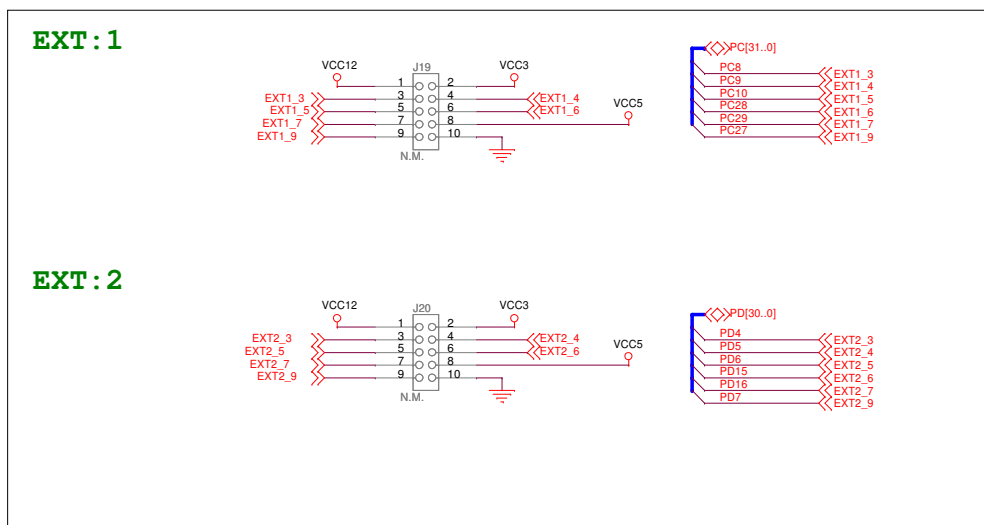
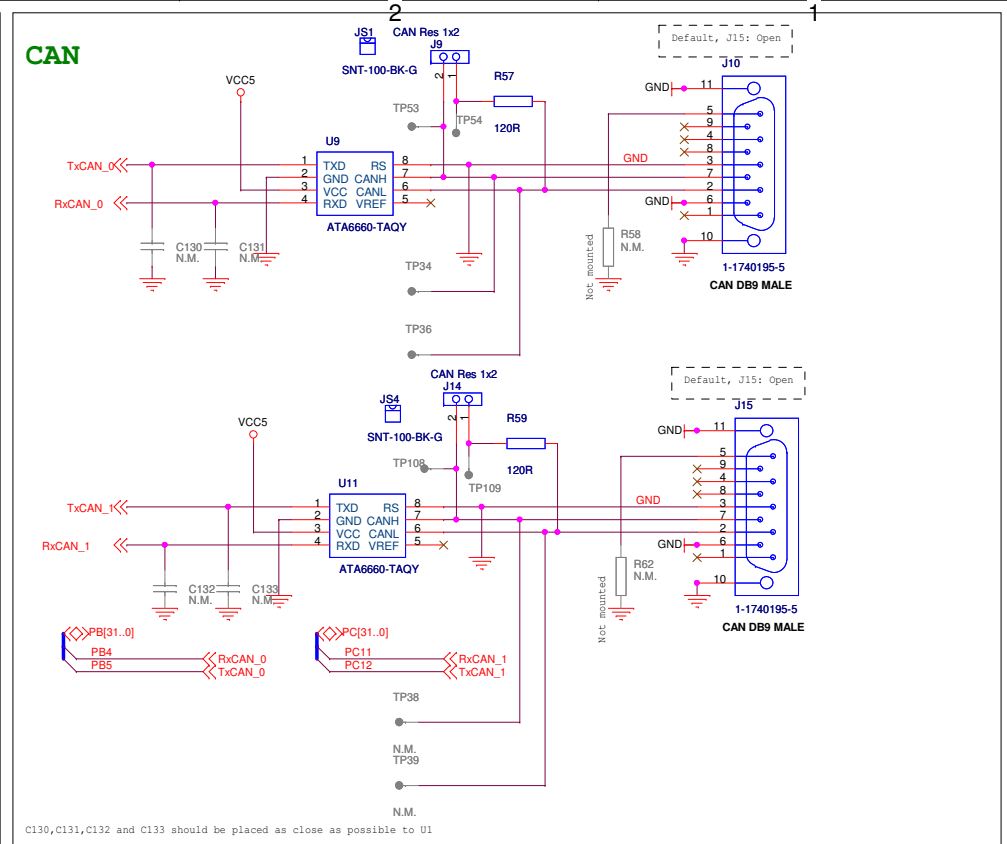
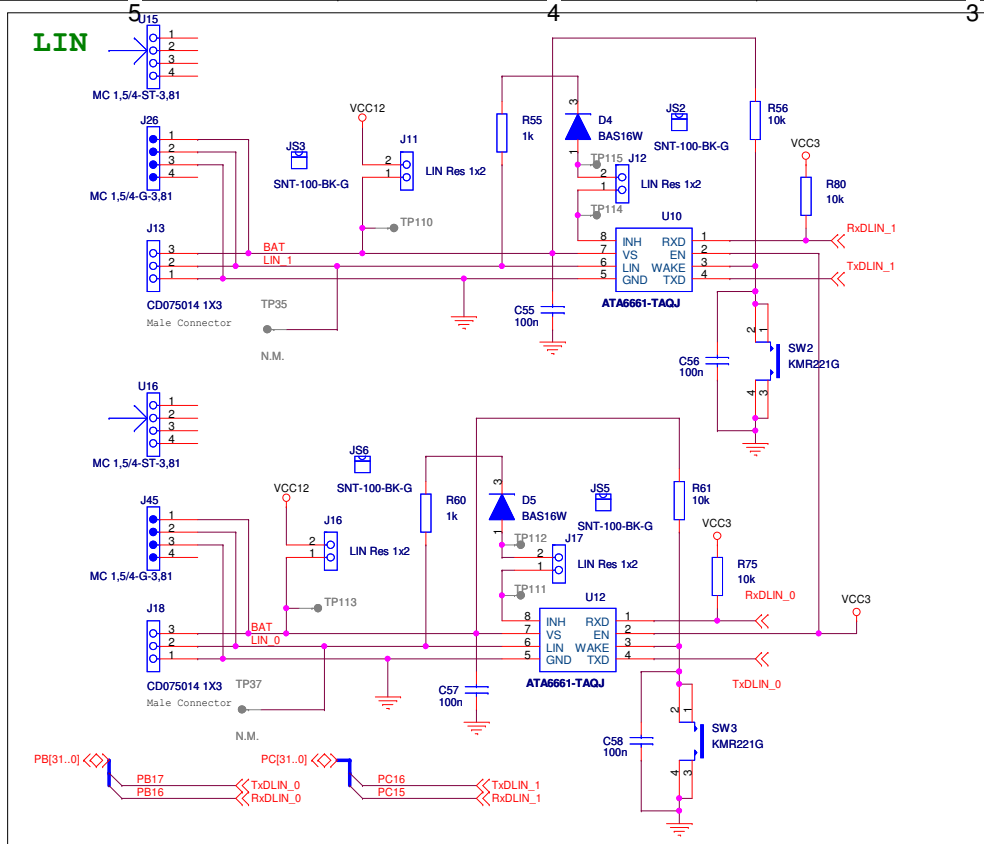
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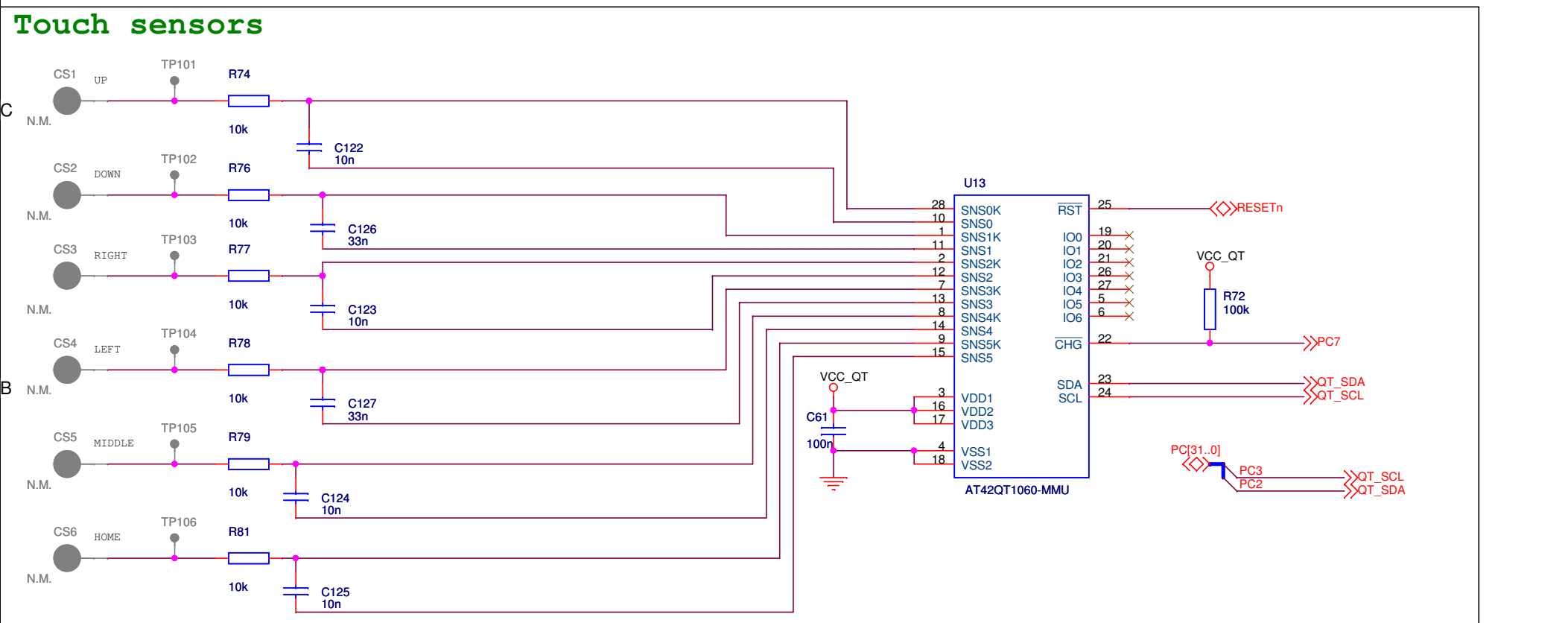
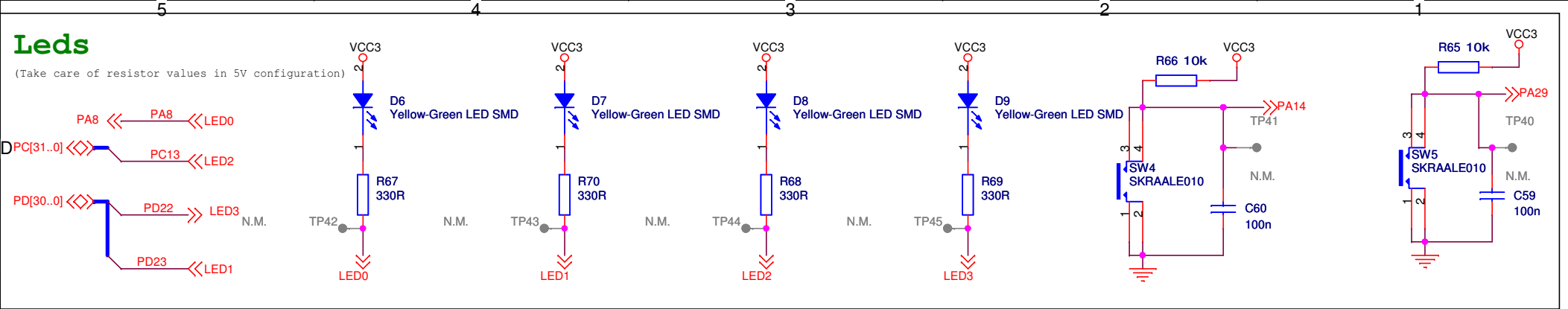
Lcd

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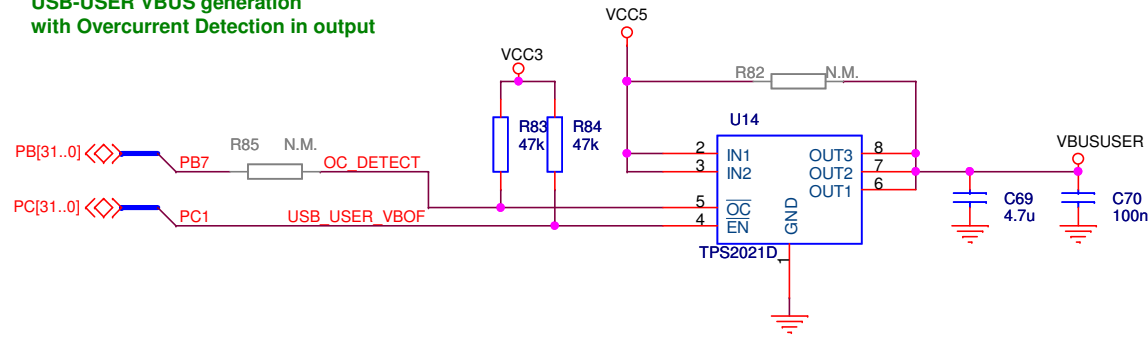
Size A4 Document Number

Date: Tuesday, October 13, 2009

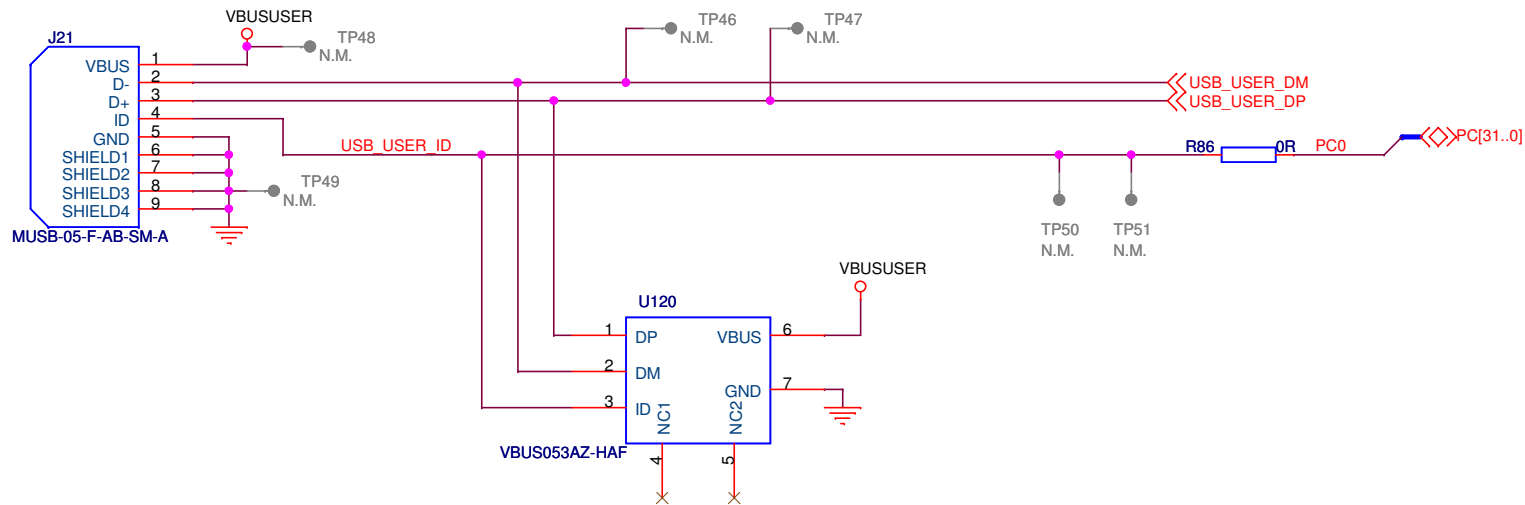
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USB-USER VBUS generation with Overcurrent Detection in output



USB-USER connector



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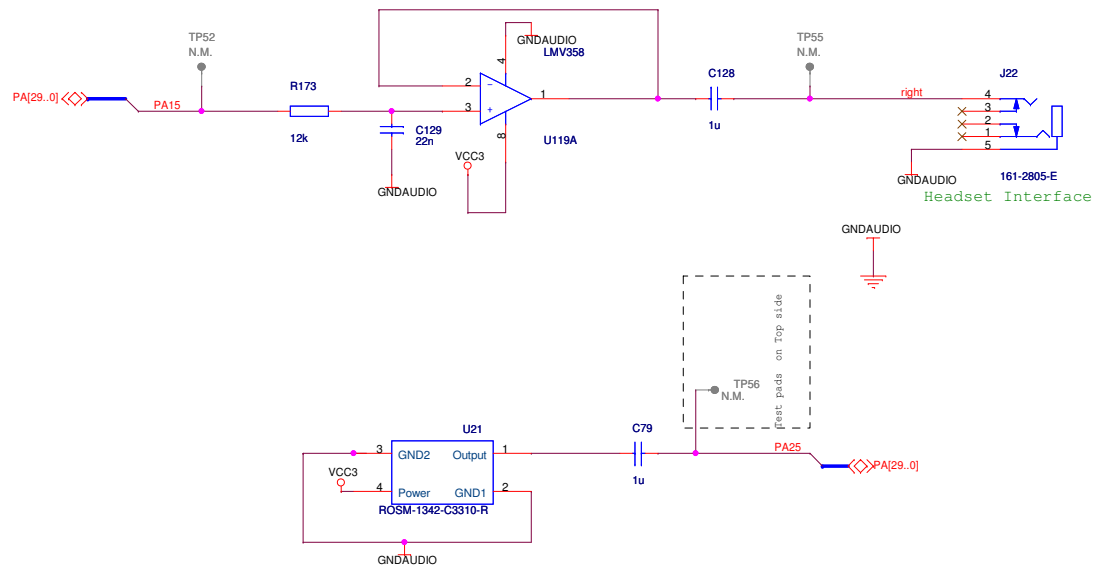
Size
A4

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USB User

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2

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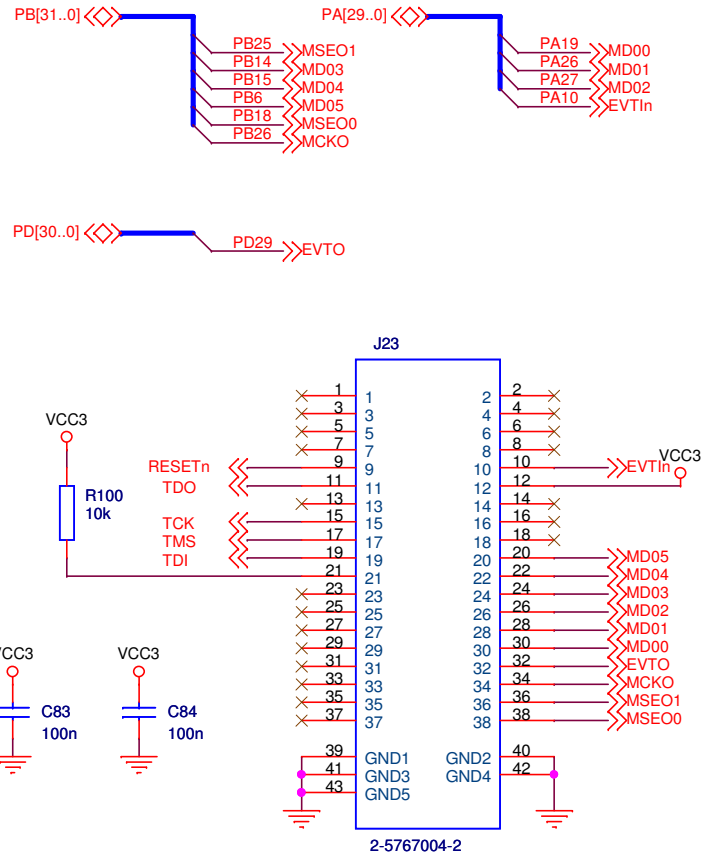
Size A3 Document Number

Audio

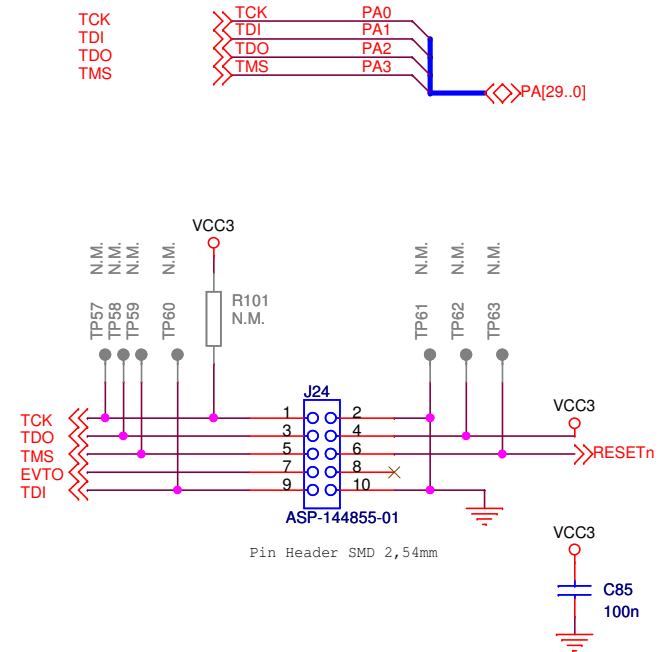
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NEXUS Debug Interface



JTAG Interface



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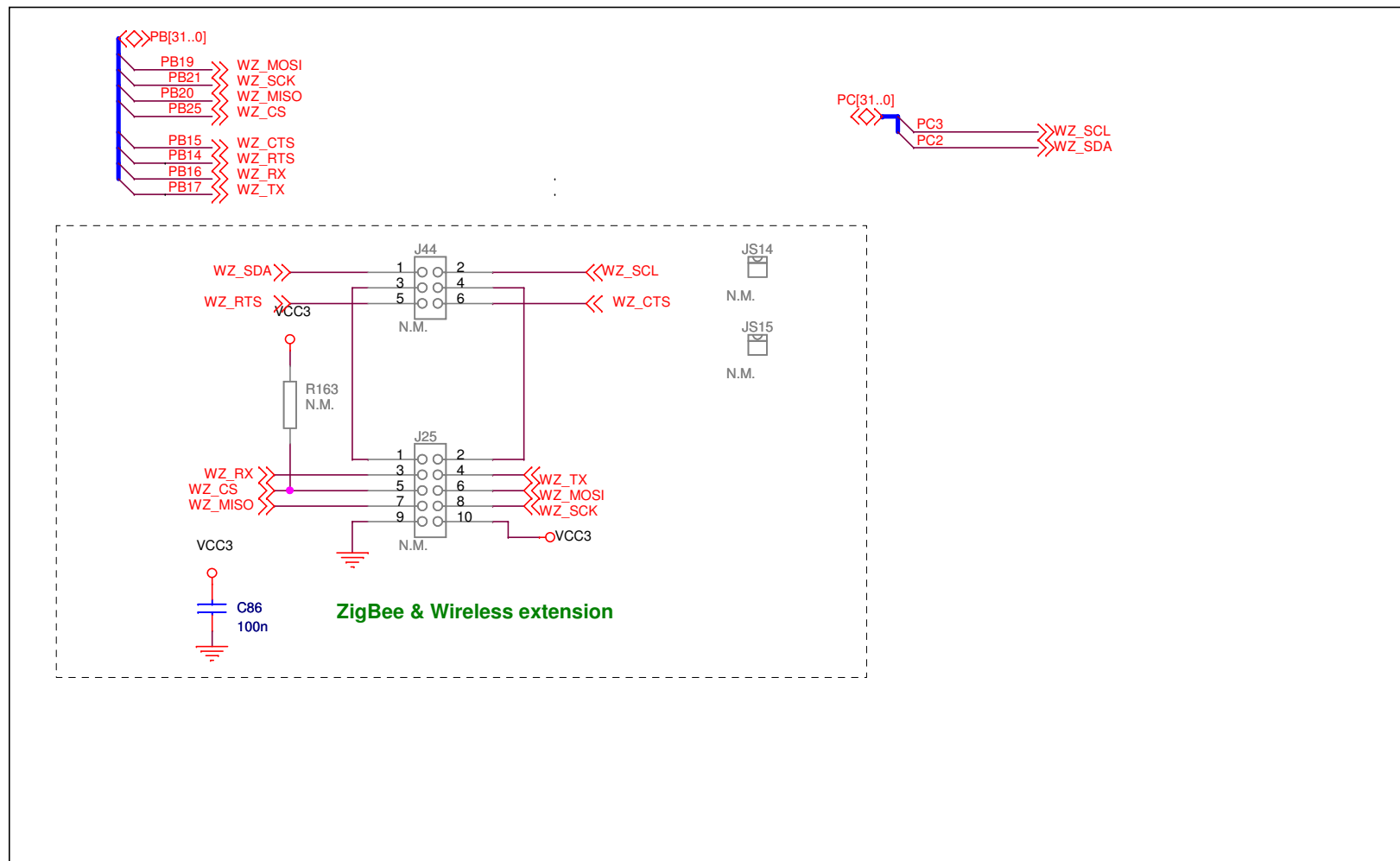
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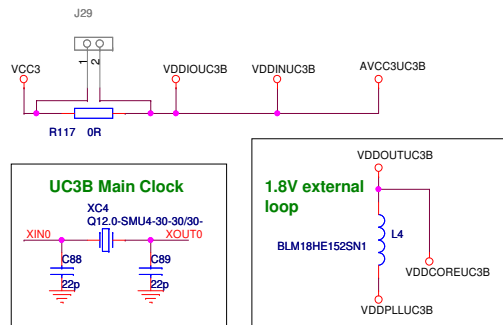
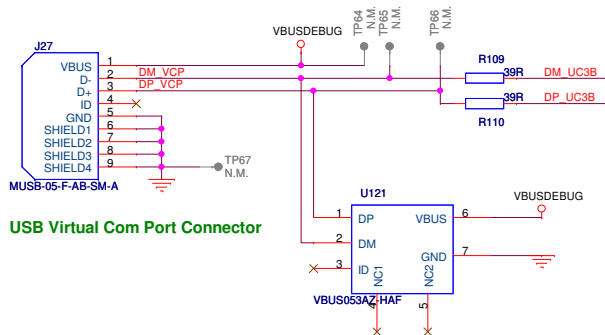
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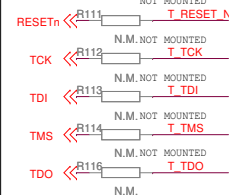
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A4			2

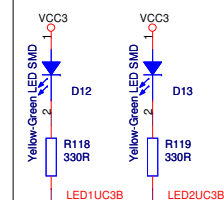
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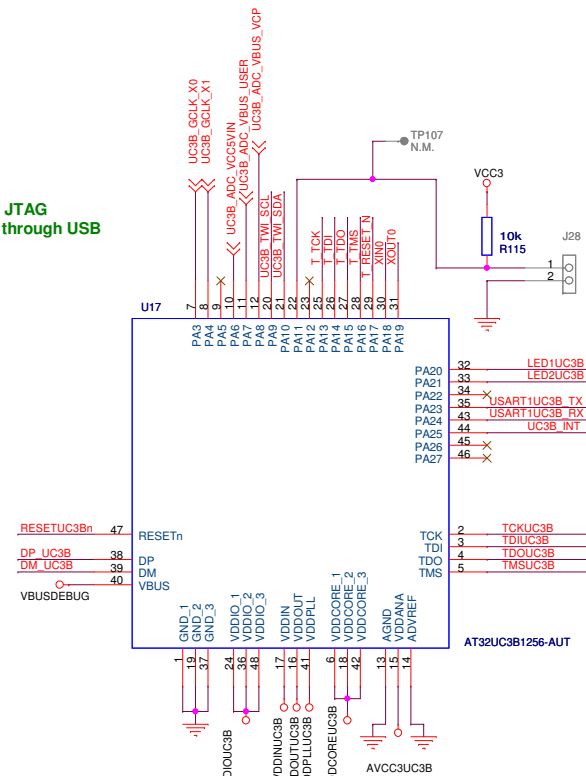
JTAG Connection UC3B (Master) => UC3C (Slave)



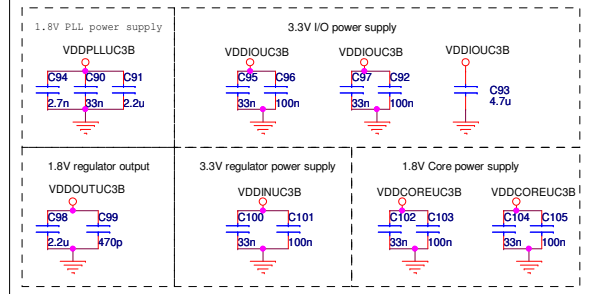
General Purpose Leds Controlled by UC3B



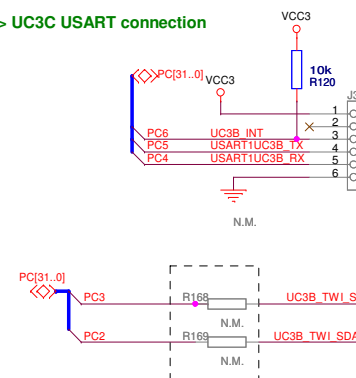
UC3B for UC3C USART & JTAG communication through USB



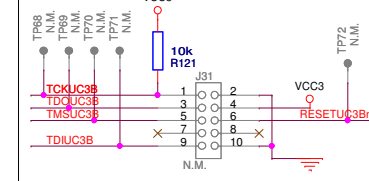
Decoupling capacitors



UC3B <=> UC3C USART connection



JTAG Interface of UC3B



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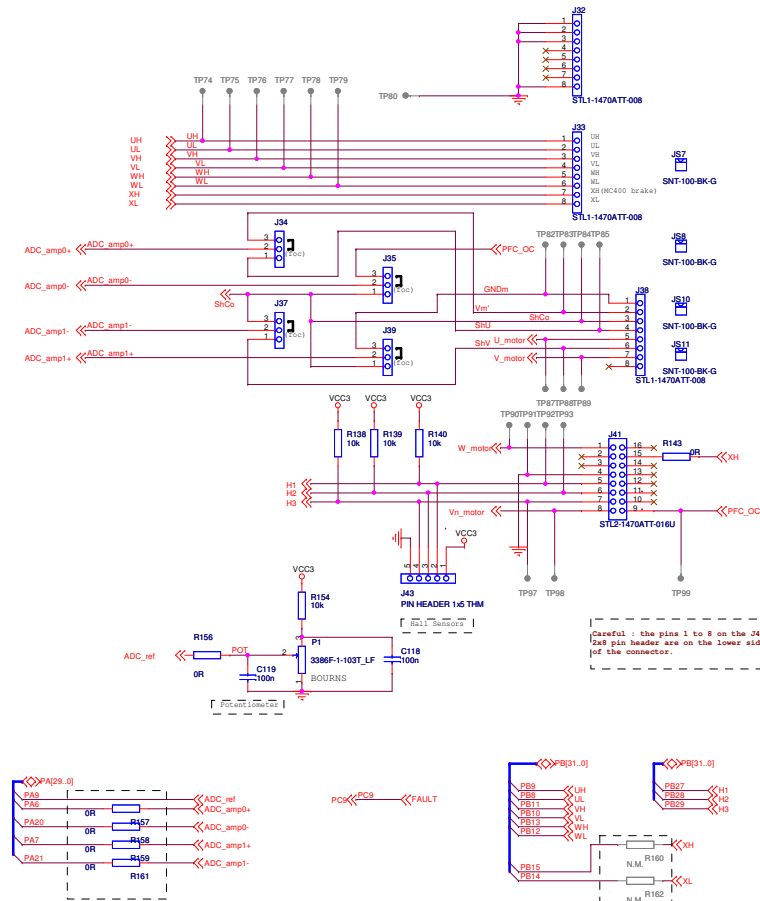
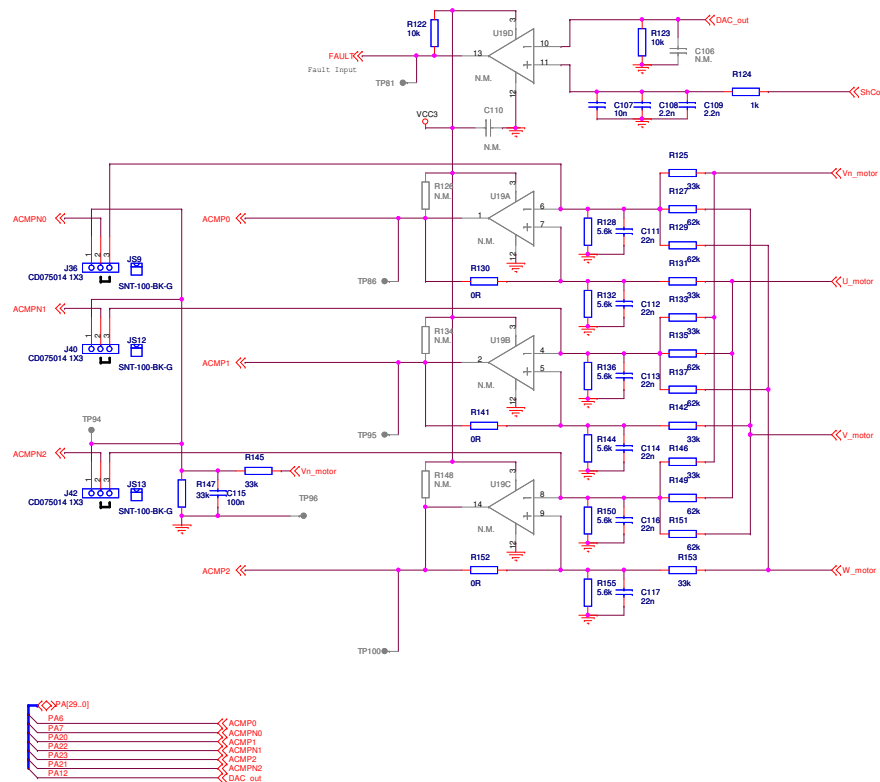
USB Virtual Com Port

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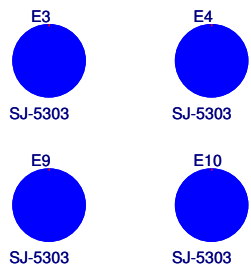
Rev 2

MC300: Motor Control Interface

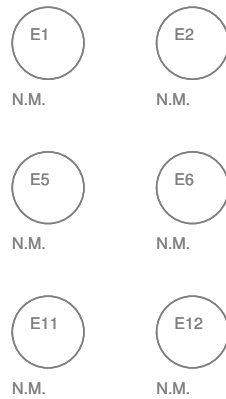


LOG FILE

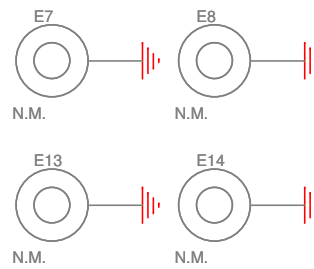
REV 1/
Created (PYB)



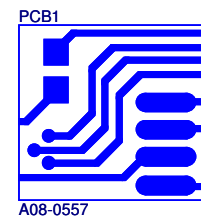
Plastic Feets



Manufacturing
Alignement Flags



Screw Holes



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