

Sheet: LPC313x

File: PROpendous-DIY-LPC313x.sch

Sheet: Memory

File: PROpendous-DIY-Memory.sch

Sheet: Connectors\_JTAG

File: PROpendous-DIY-Connectors\_JTAG.sch

Sheet: Power

File: PROpendous-DIY-Power.sch

Sheet: Vias

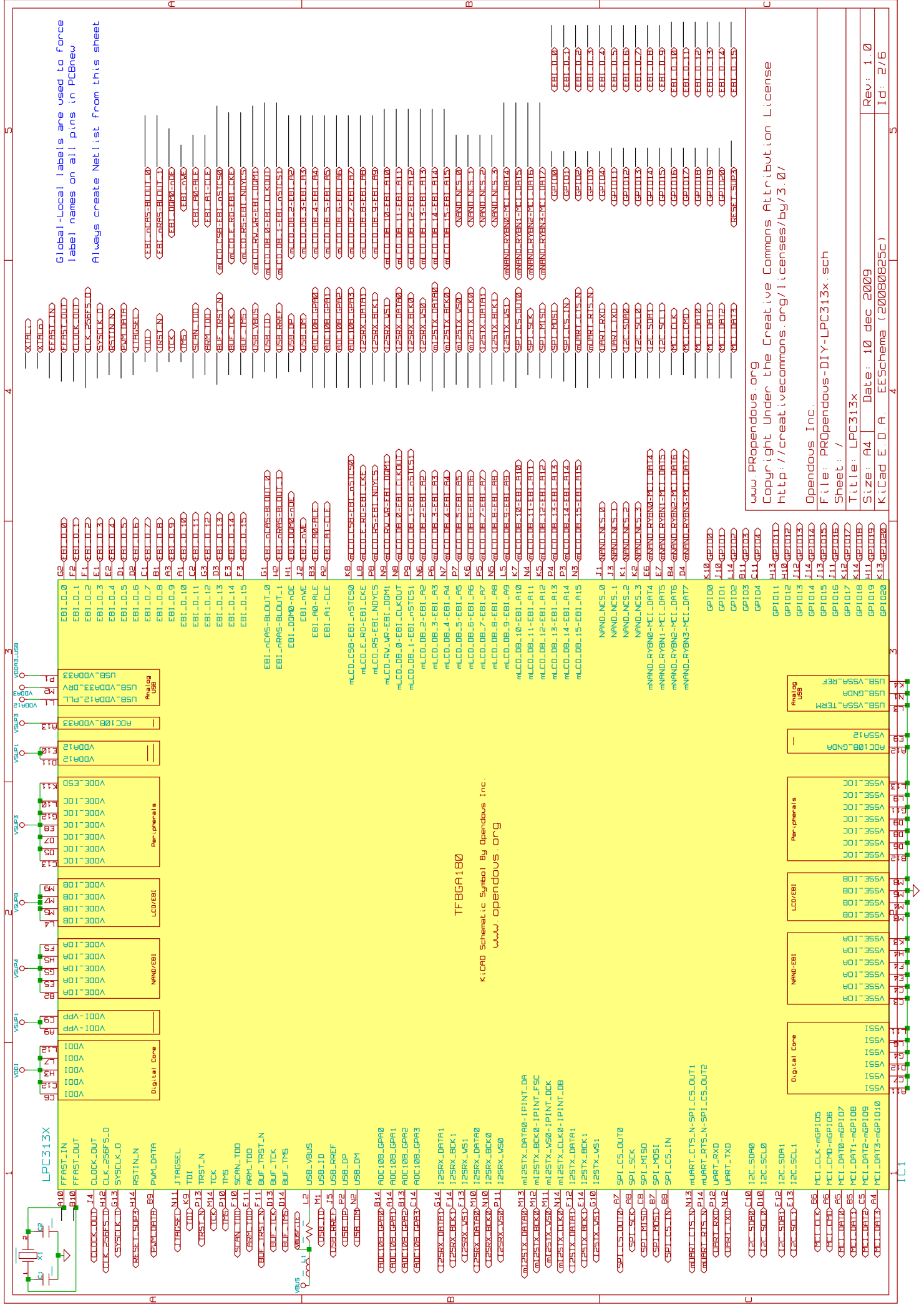
File: PROpendous-DIY-Vias.sch

Double click inside the boxes to jump to the corresponding schematic page

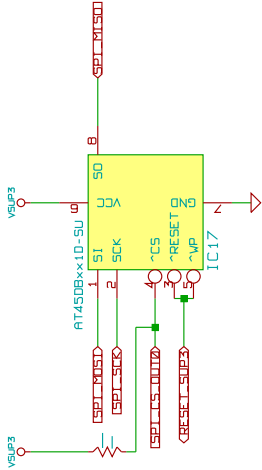
Use mouse wheel to zoom in and out

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Sheet: /  
Title: PROpendous-DIY  
Size: A4 | Date: 10 dec 2009  
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Rev: 1.0  
Id: 1/6



SPI Boot Flash



U1	AT45DB10
U2	AT45DB10
U3	AT45DB10
U4	AT45DB10
U5	AT45DB10
U6	AT45DB10
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U100	AT45DB10

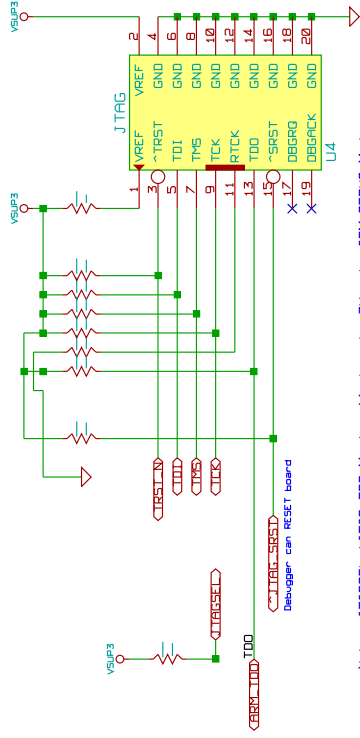
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File: PR0pendous-DIY-Memory.sch	
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Title: Memory	
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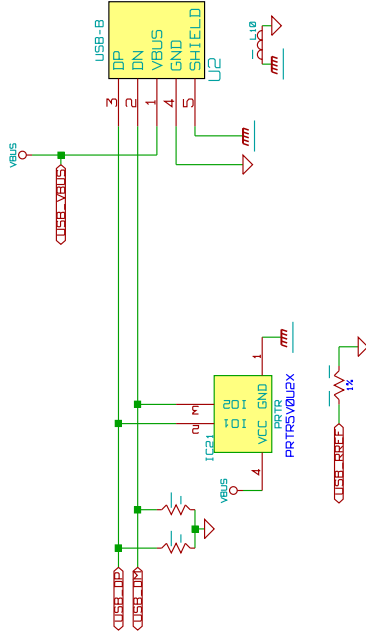


JTAG

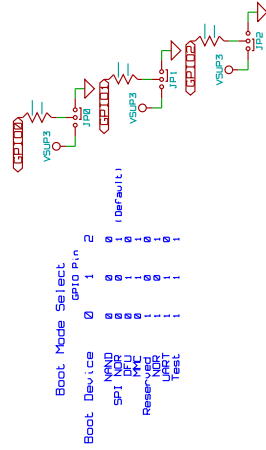


Note: JTAGSEL (JTAG TDO Mux) pulled up to 3V sets ARM-DEBUG Mode

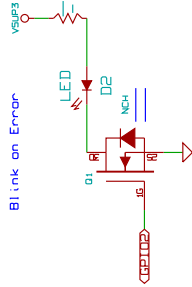
USB



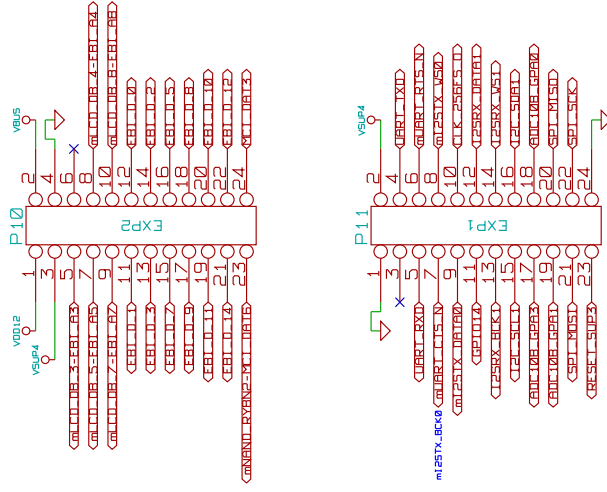
Mode Select Jumpers



Boot Status



Expansion Connectors



I2STX\_BCK0 and UART\_CTS\_N are connected together so you must use only one and tri-state the other

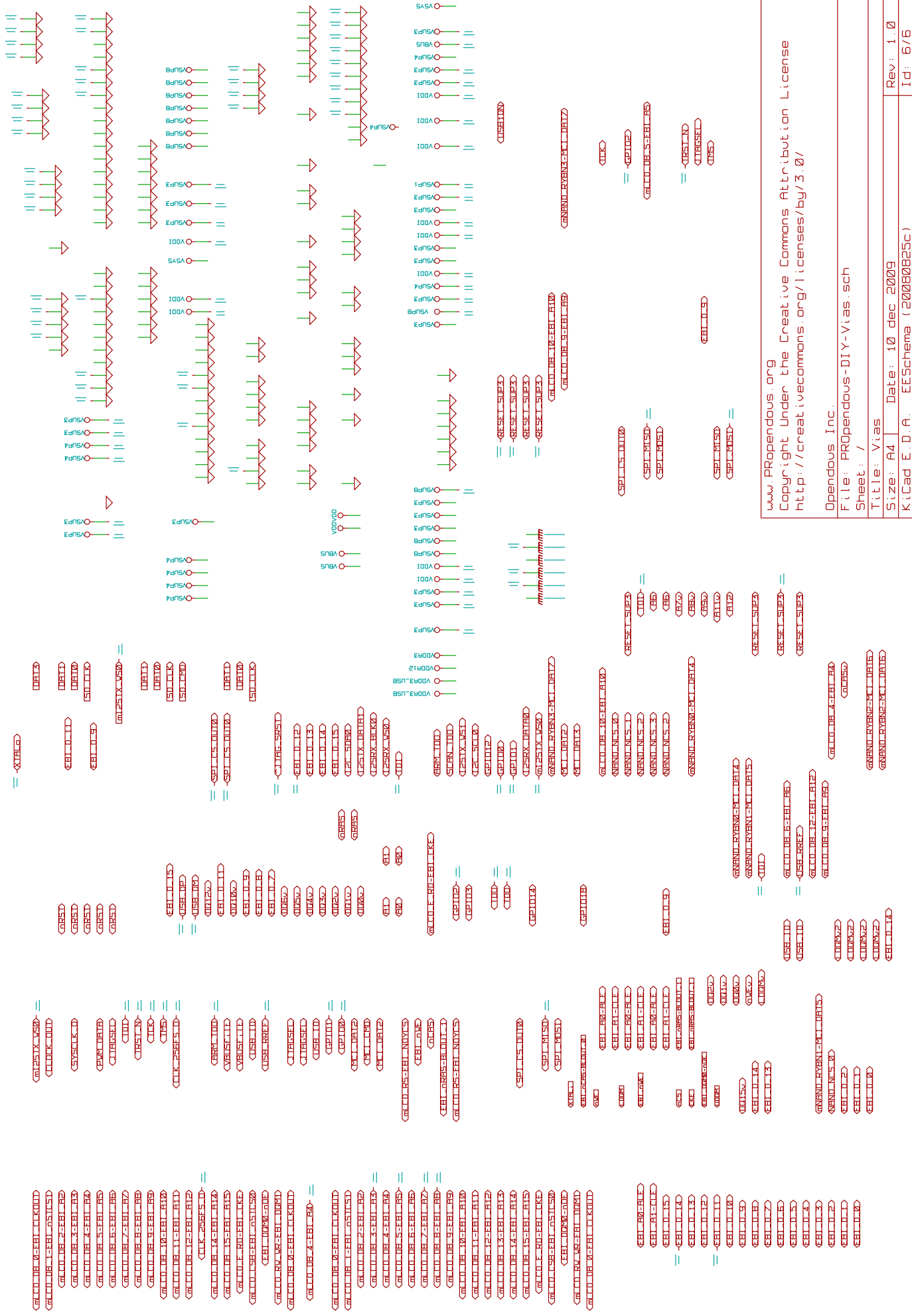
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Title: Connectors and JTAG

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When routing a board this complex, it helps to have persistent vias (vias that behave like components)



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