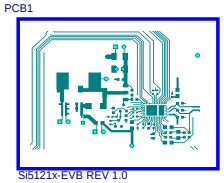
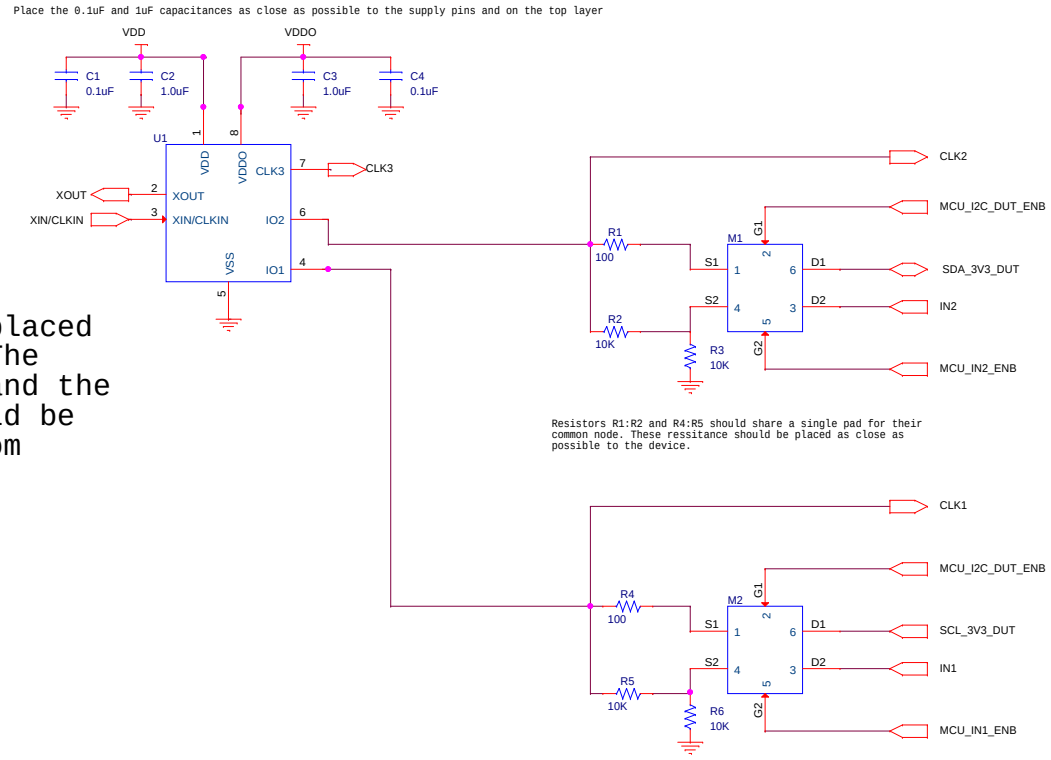
Si51211



Si51211 should be placed on the top layer. The resistances R1-R6 and the MOSFETs M1,M2 should be placed in the bottom layer.



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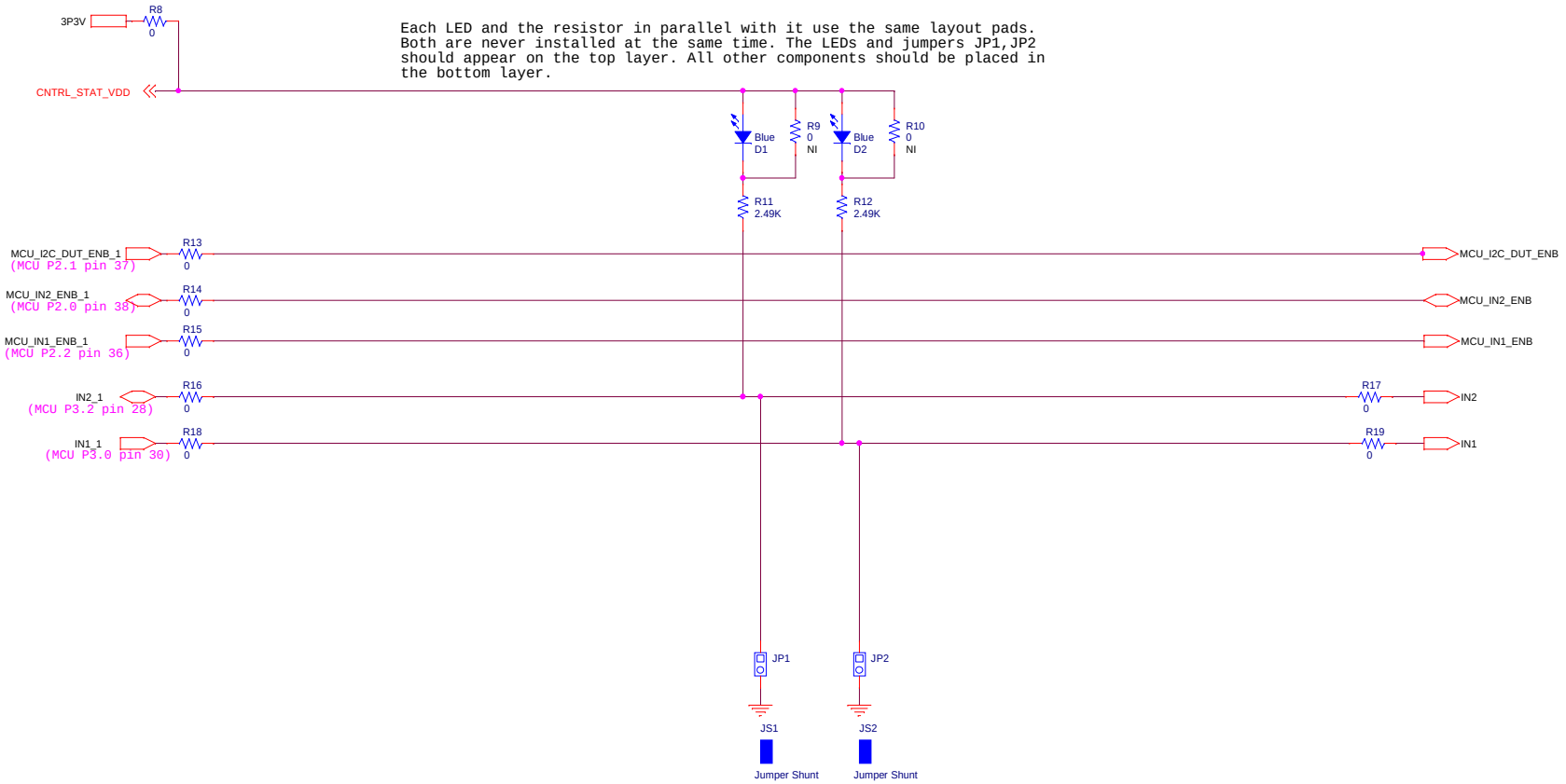
CONTROL PINS CONNECTIONS



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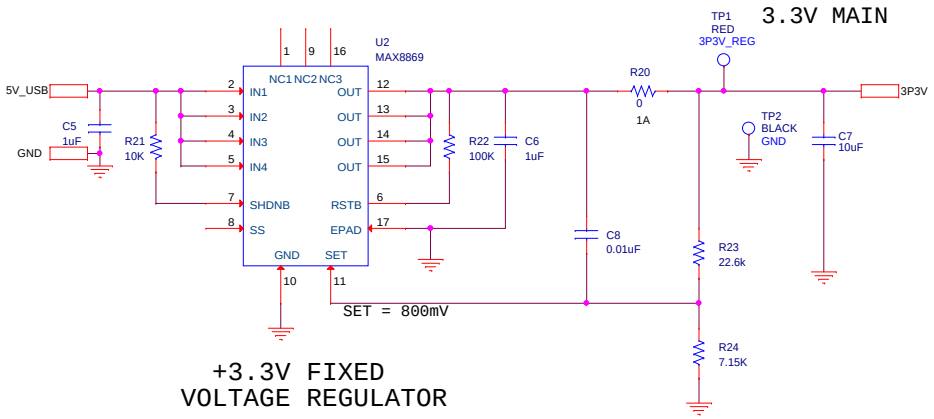
FIXED +3.3V REGULATOR

[3.3V circuitry]

Fixed 3.3V 1A Voltage Regulator



+3.3V FIXED
VOLTAGE REGULATOR

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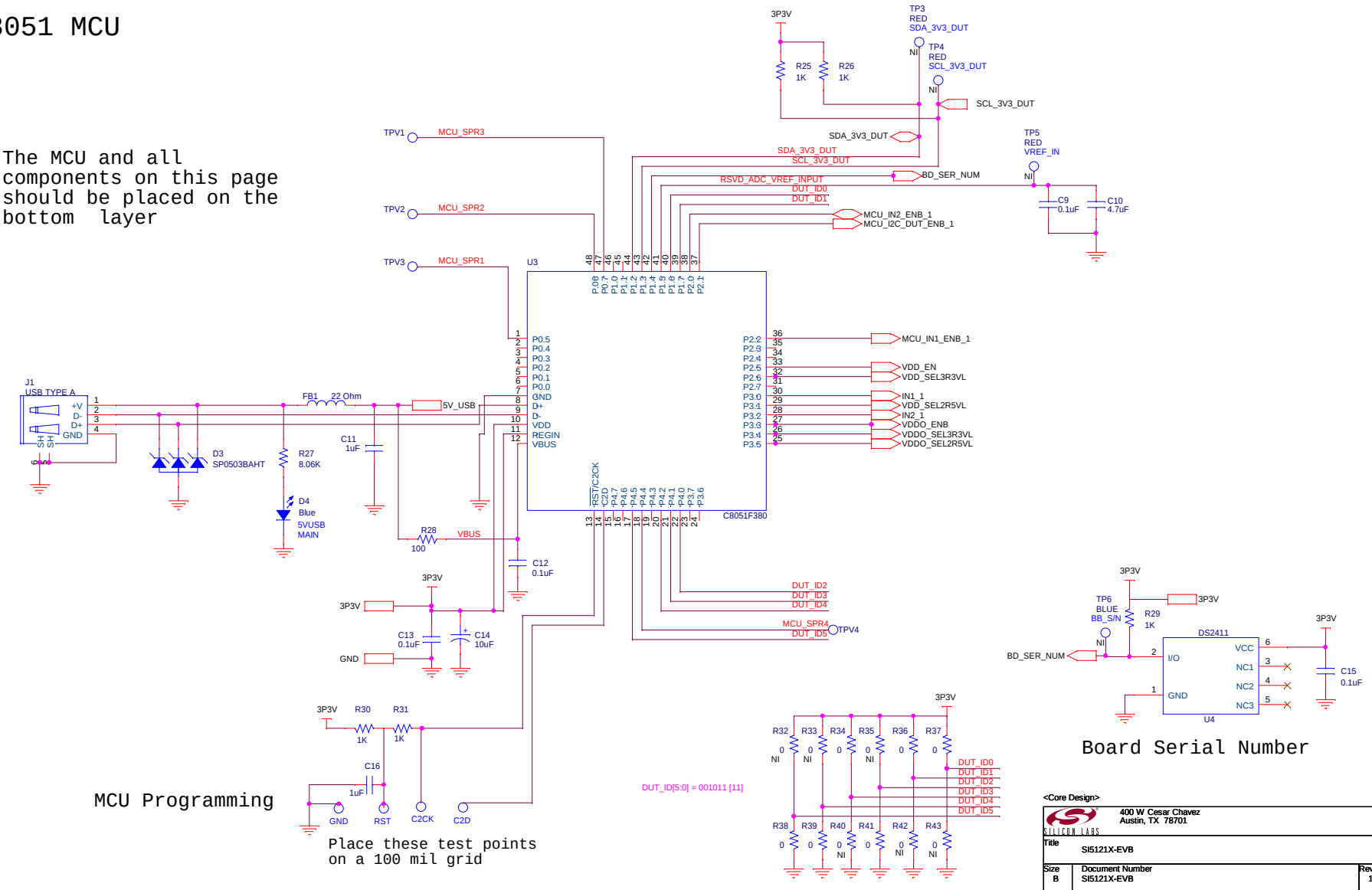
8051 MCU

The MCU and all components on this page should be placed on the bottom layer



MCU Programming

Place these test points on a 100 mil grid

Board Serial Number

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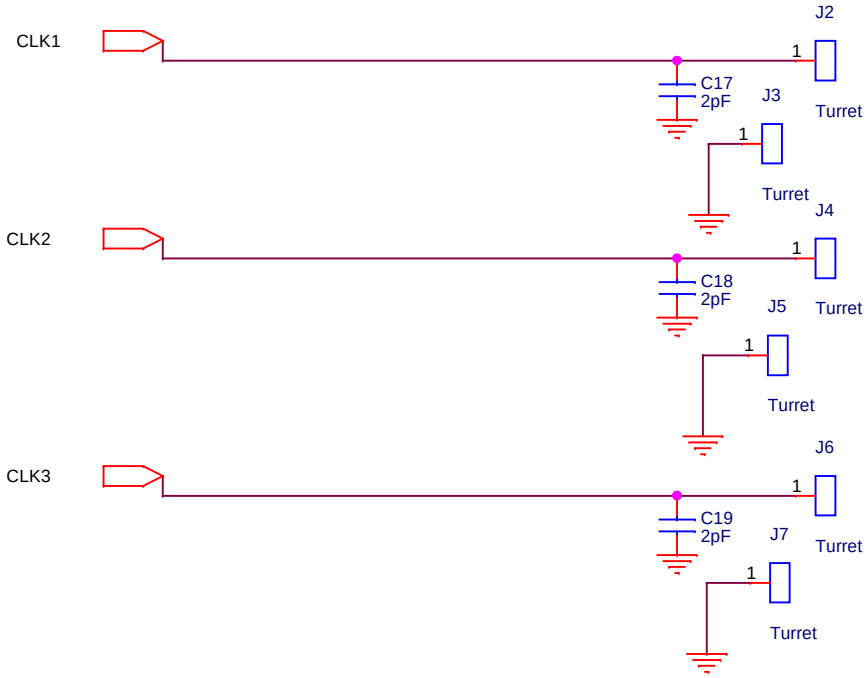

The output trace length should be 1-2 inches. The test points should be placed after the capacitance load and each output test point should have a ground test point (within a 250 mil distance).

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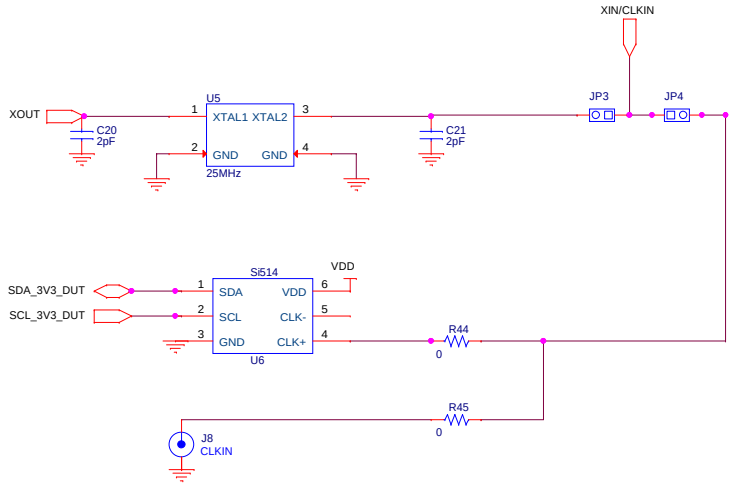
REFERENCE INPUT CONNECTIONS



The crystal and crystal loads C20, C21 and the jumpers JP3,JP4 should be on the top layer. All other components should be on the bottom layer.

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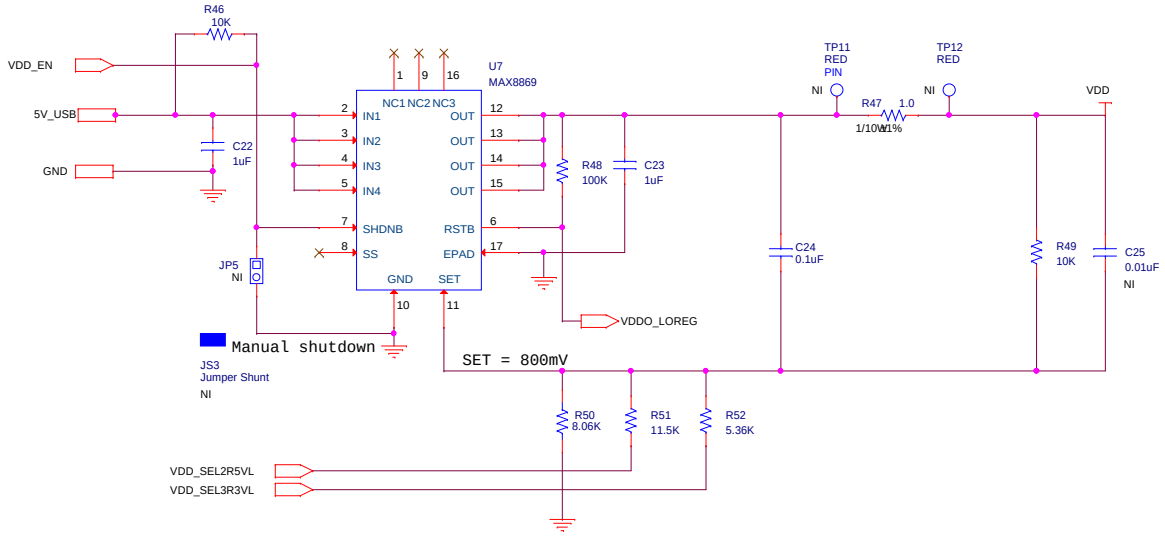

VDD (Board Silkscreen)
VDD (In Schematic)

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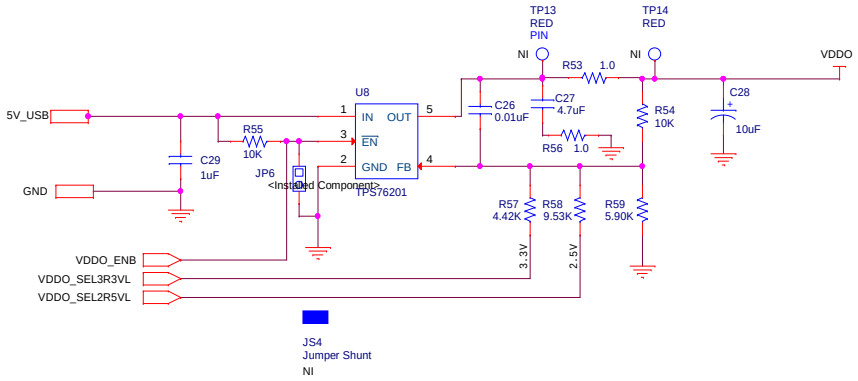
100 mA Adjustable Voltage Regulator



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