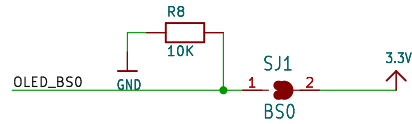
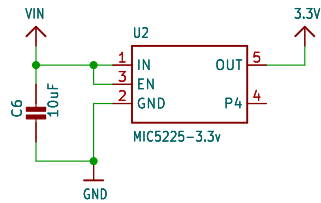


Bus Select (Default = 4-Wire SPI = 00)
For 3-wire SPI close SJ1/BS0 (01)



3.3V Regulation

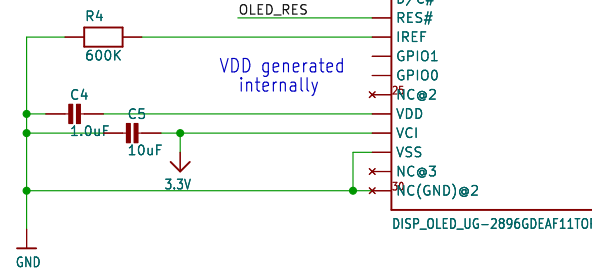


D1+D3 must be $\geq 1.4V$

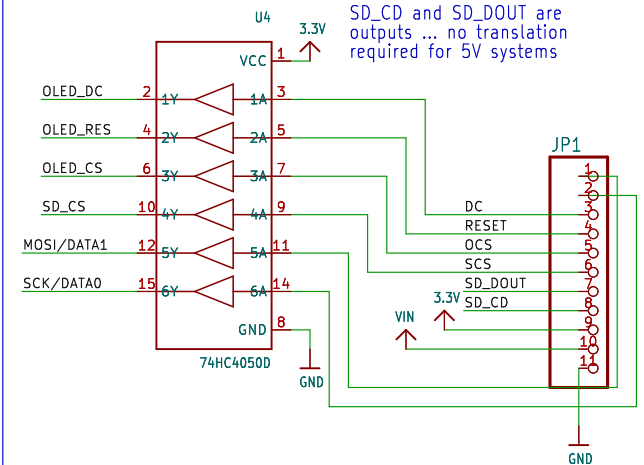
$$R4 = (VCC - 6V) / 12.5\mu A$$

$$= (13.5 - 6) / .0000125$$

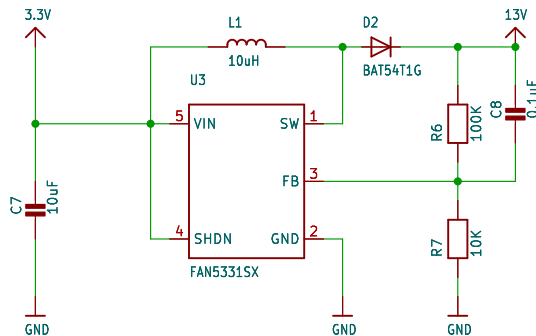
$$= 600K$$



5V-3.3V Level-Shifted Header (SPI-bus)



13V Boost

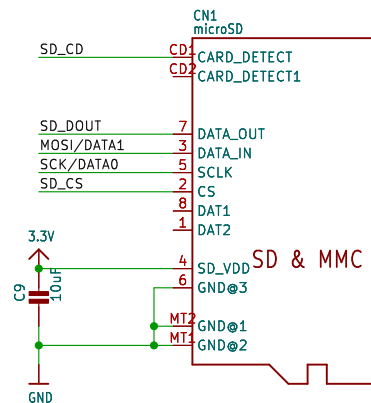


$$VOUT = 1.23V * (1 + R6/R7)$$

$$VOUT = 13.53V$$

This is 0.5V above the recommended voltage, but uses common resistors for easy assembly

MicroSD Card



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\${CURRENT_DATE}

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Drawing: \${AUTHOR}

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