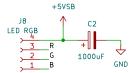
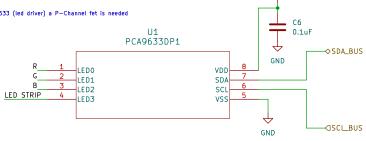


Ambiens SC1 Indicator

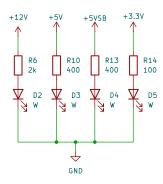


- The main LED Indicator is powered with the 5V standby source of the power supply to be able to stay turned on (with a different color) when the chamber is turned off.
- The led strip should be turned off when the chamber is off, so it is powered with the normal 5V rail.
- Due to a limitation of the PCA9633 (led driver) a P-Channel fet is needed to control the led strip.

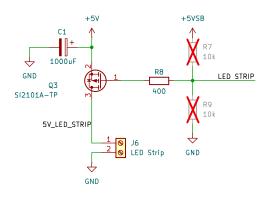


+5VSB

PCB PWR Indicators



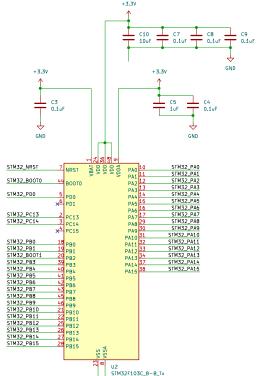
Ambiens SC1 Chamber Lightening



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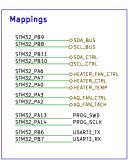
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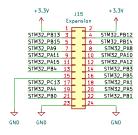
Ţ

GND



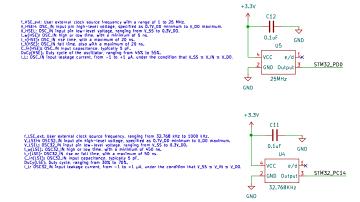
Expansion

I2C Bus

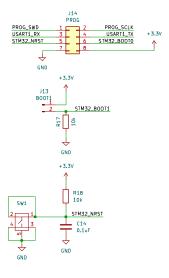




Oscillators



Control Interface



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