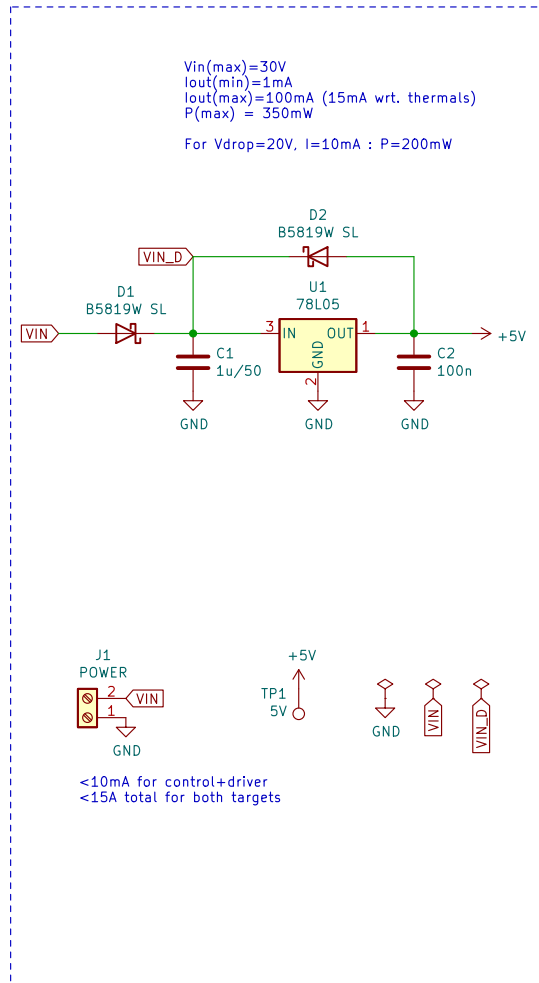
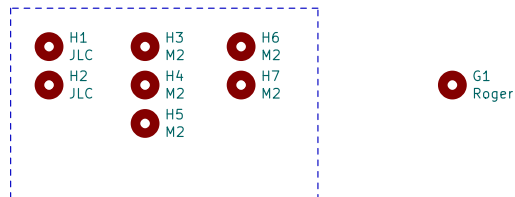


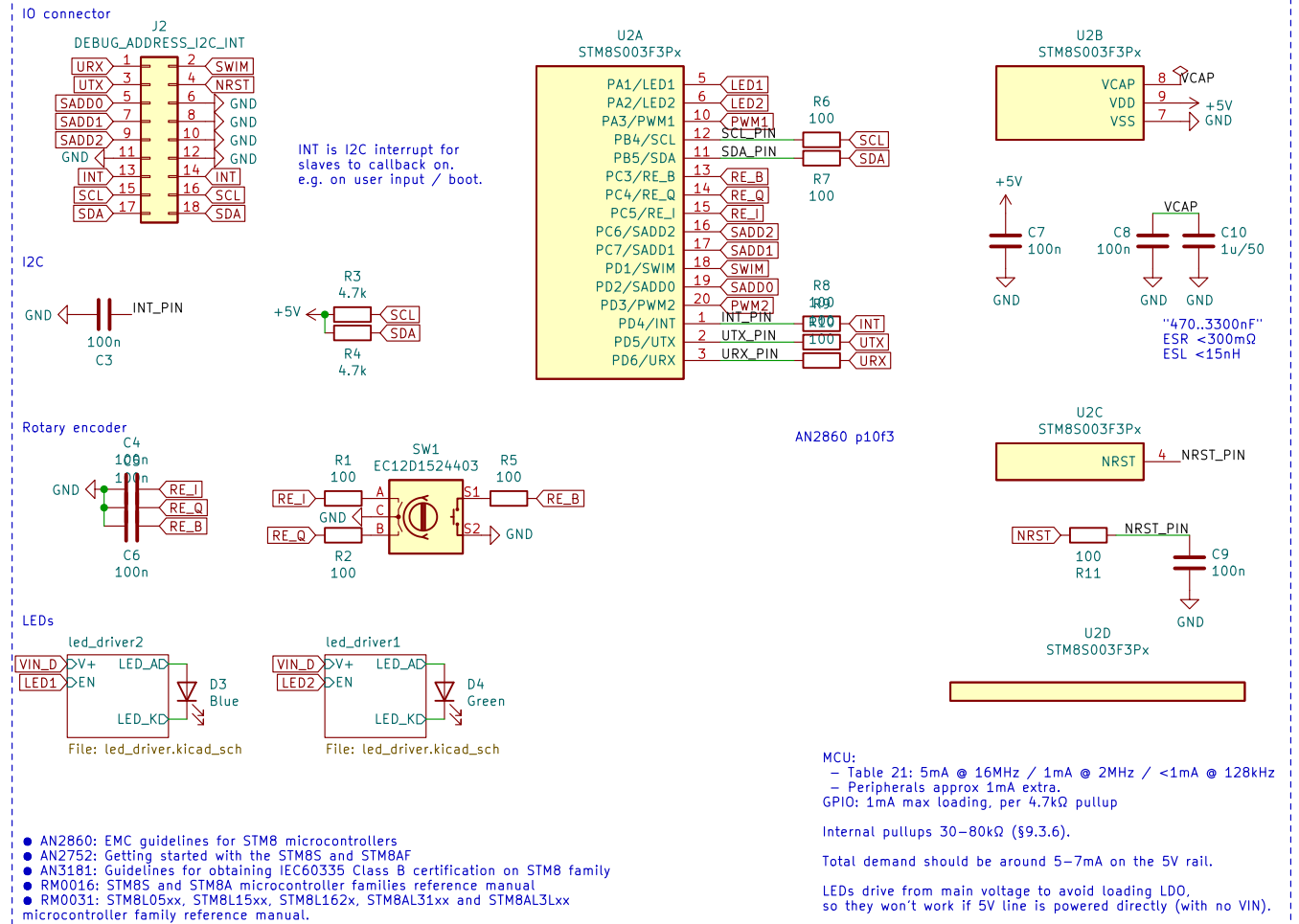
Power



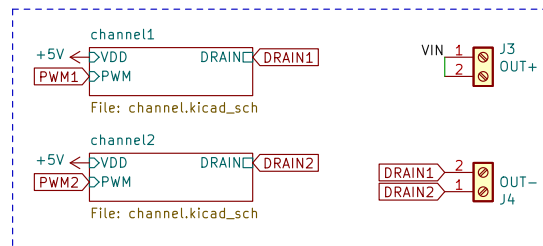
Mechanical



Digital



Output drivers



Sheet: /

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Title: Dual-channel PWM LED-strip controller

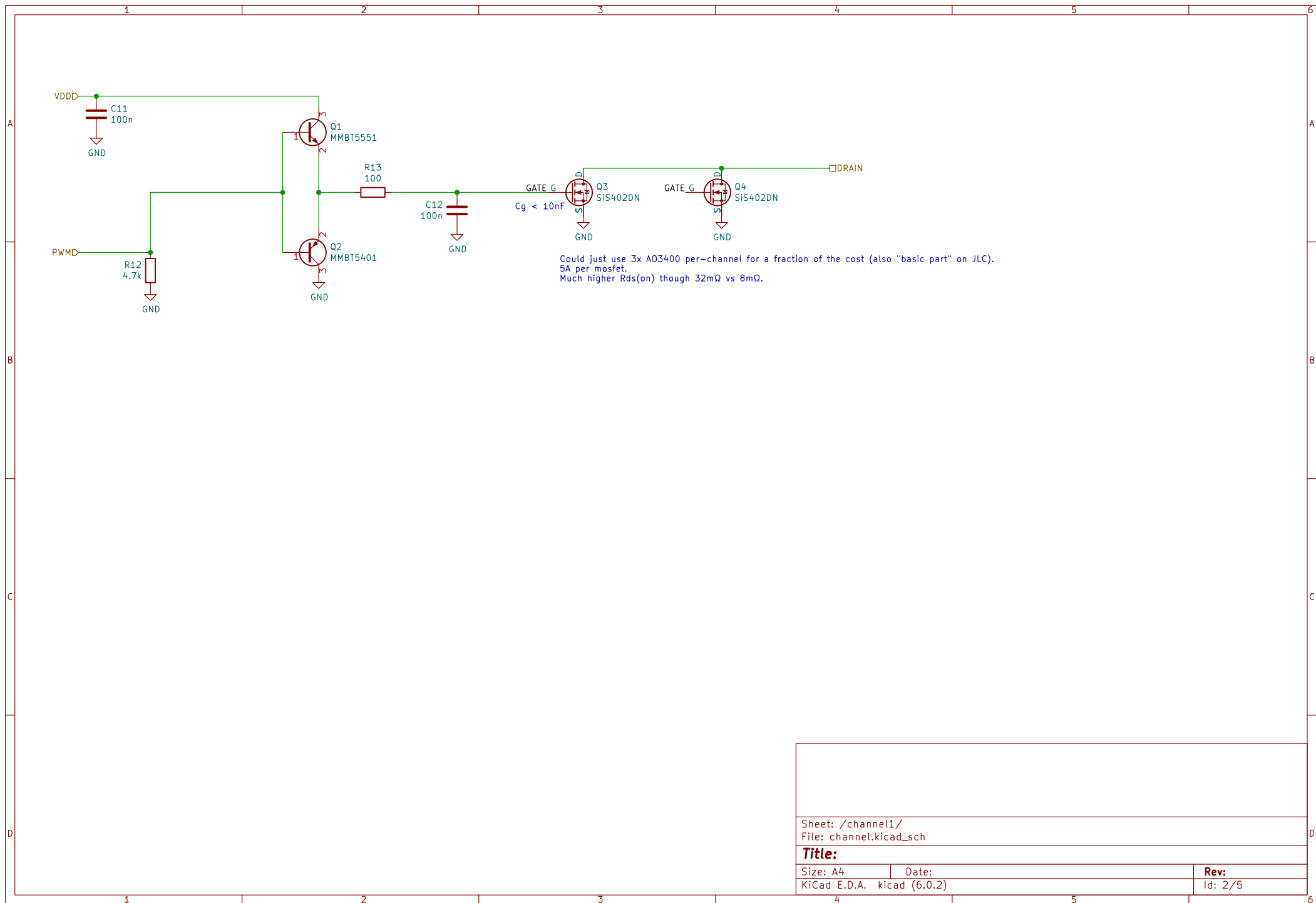
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Rev:

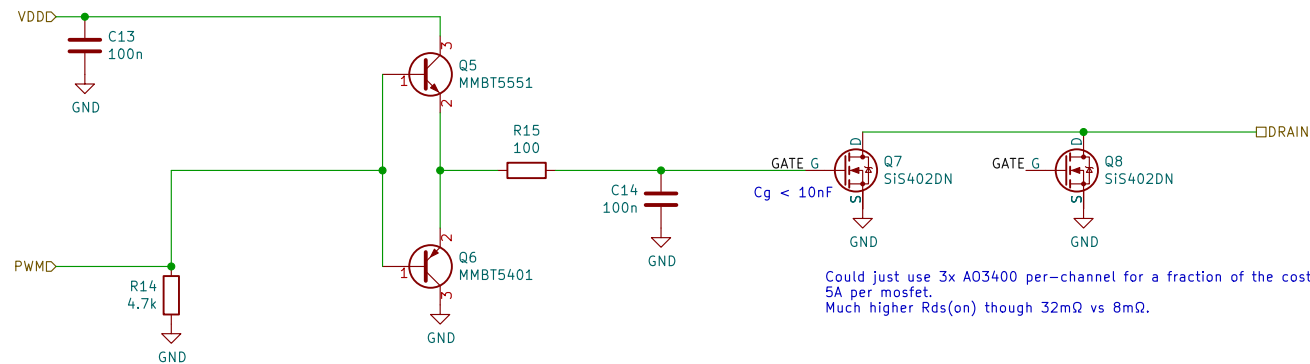
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Sheet: /channel1/
File: channel.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.2)		Id: 2/5



$C_g < 10\text{nF}$

Could just use 3x A03400 per-channel for a fraction of the cost (also "basic part" on JLC).
5A per mosfet.
Much higher $R_{ds(on)}$ though 32m Ω vs 8m Ω .

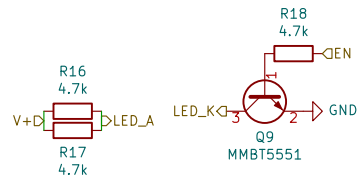
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Date:

Rev:
Id: 3/5



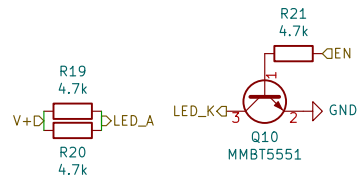
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Title:

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KiCad E.D.A. kicad (6.0.2)

Date:

Rev:
Id: 4/5



Sheet: /led_driver2/
File: led_driver.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.2)

Date:

Rev:
Id: 5/5