

1	2	3	4	5	6
A					
B					
C					
D					
1	2	3	4	5	6

Notes

Primary(P) -> Input Side
Secondary(S) -> MCU Side

PWM Isolation

File: PWM Isolation.kicad_sch

HX711 Isolation

File: HX711 Isolation.kicad_sch

Author: Srikar Bharadwaj R

Sheet: /
File: OptoIsolation.kicad_sch

Title: OptoIsolation for Mobi-L

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1	2	3	4	5	6
A					
B					
C					
D					
1	2	3	4	5	6

PWM Isolation v1



File: PWM Isolation v1.kicad_sch

PWM Isolation



File: PWM Isolation v2.kicad_sch

PWM Isolation v3



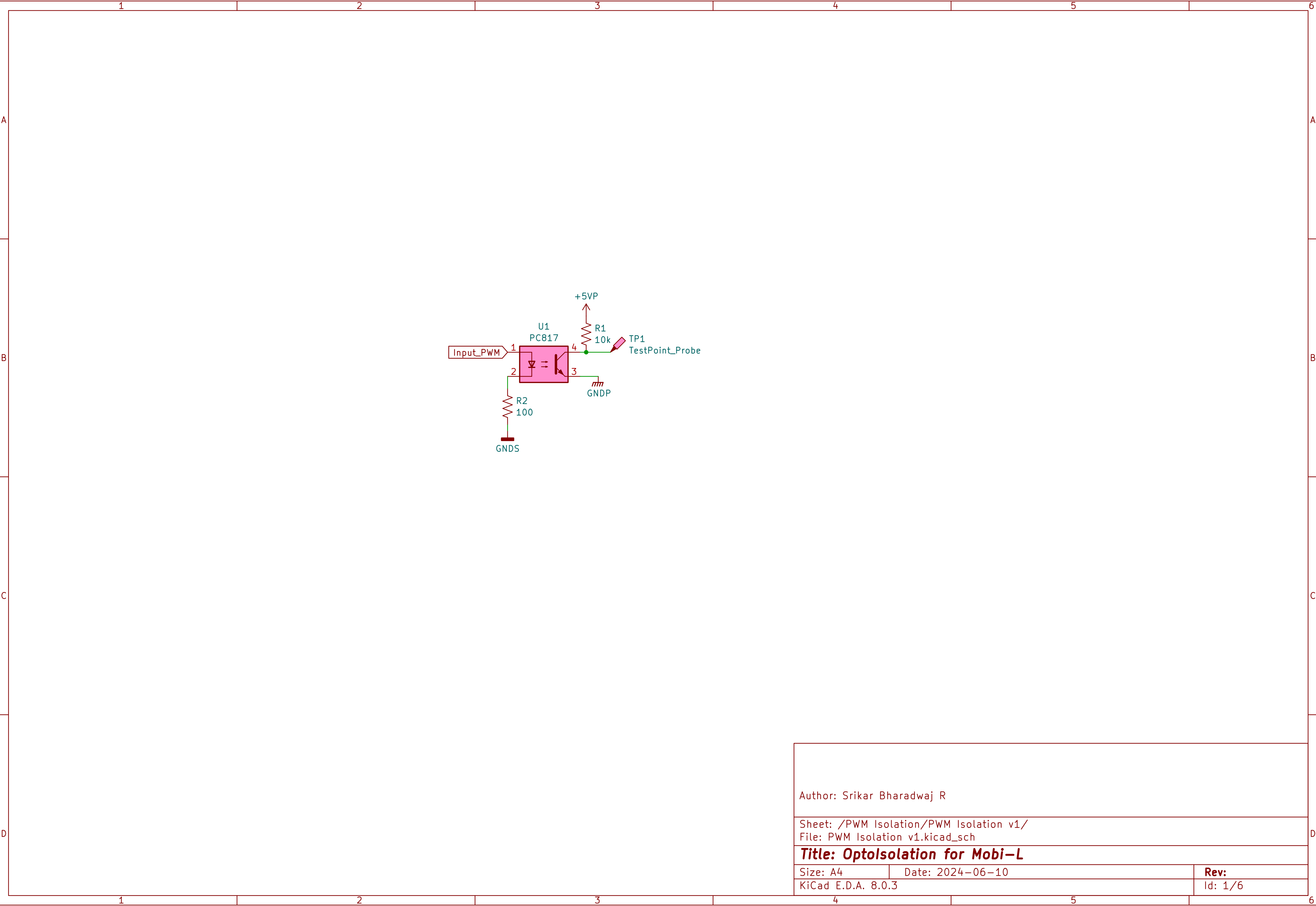
File: PWM Isolation v3.kicad_sch

Author: Srikar Bharadwaj R

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File: PWM Isolation.kicad_sch

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Sheet: /PWM Isolation/PWM Isolation v1/
File: PWM Isolation v1.kicad_sch

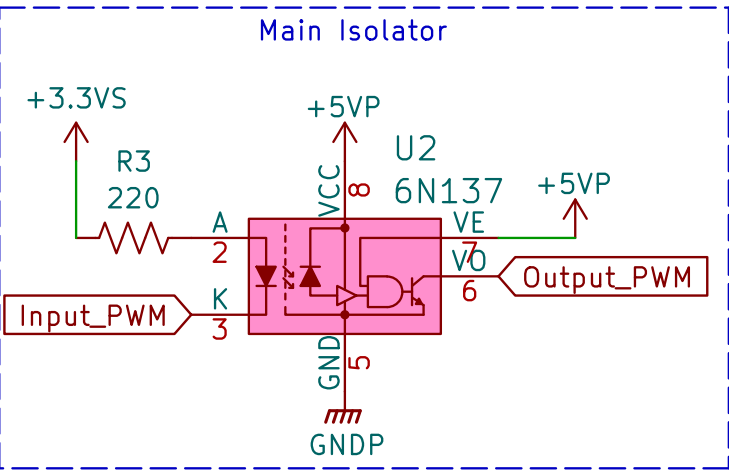
Title: Optoisolation for Mobi-L

Size: A4 Date: 2024-06-10

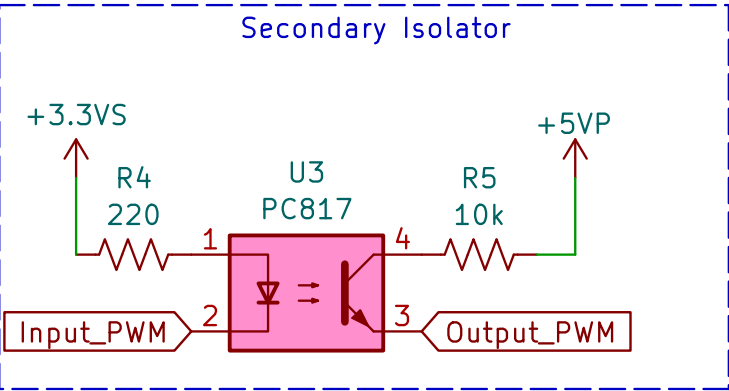
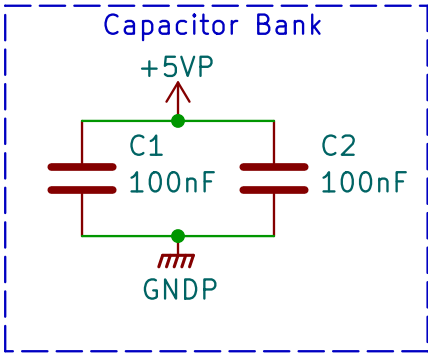
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Worked for 400kHz
Should improve on 350ns rise time



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Sheet: /PWM Isolation/PWM Isolation/
File: PWM Isolation v2.kicad_sch

Title: Optoisolation for Mobi-L

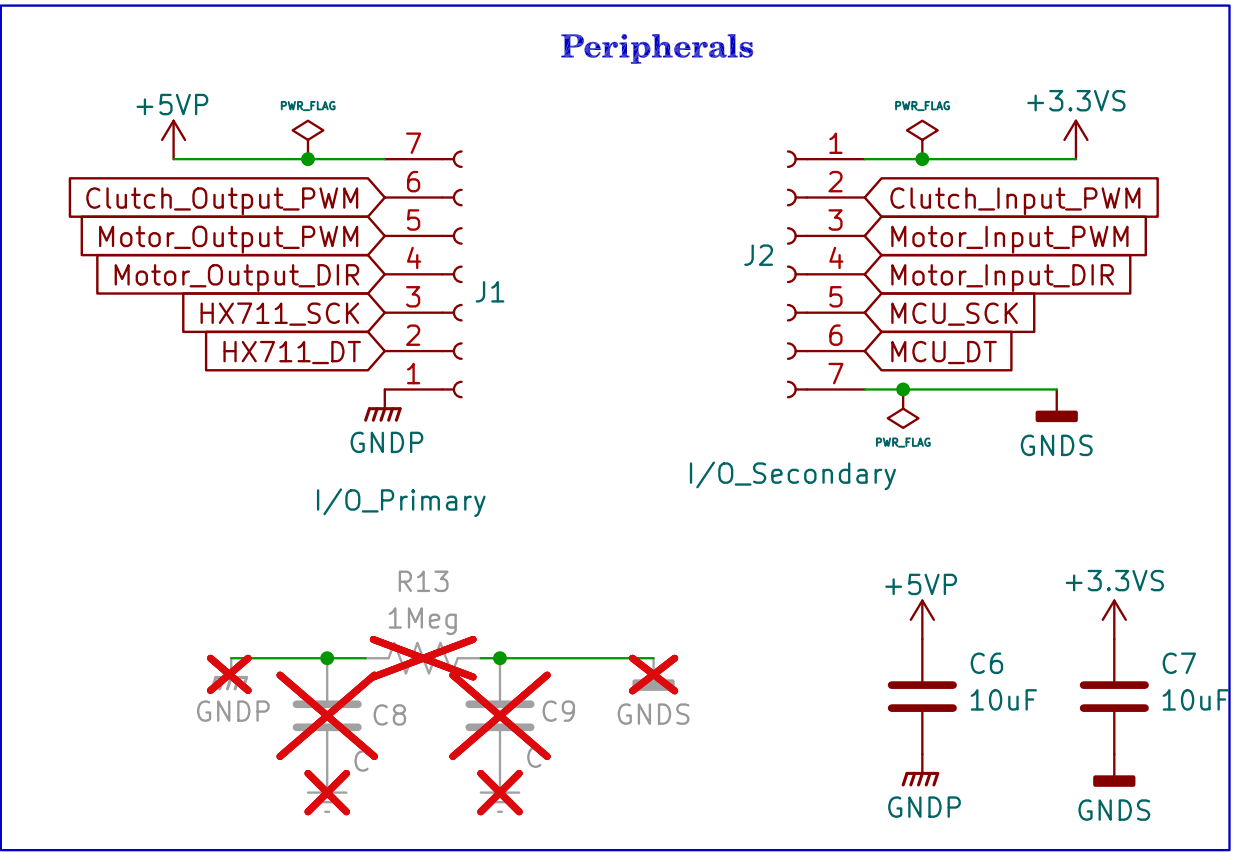
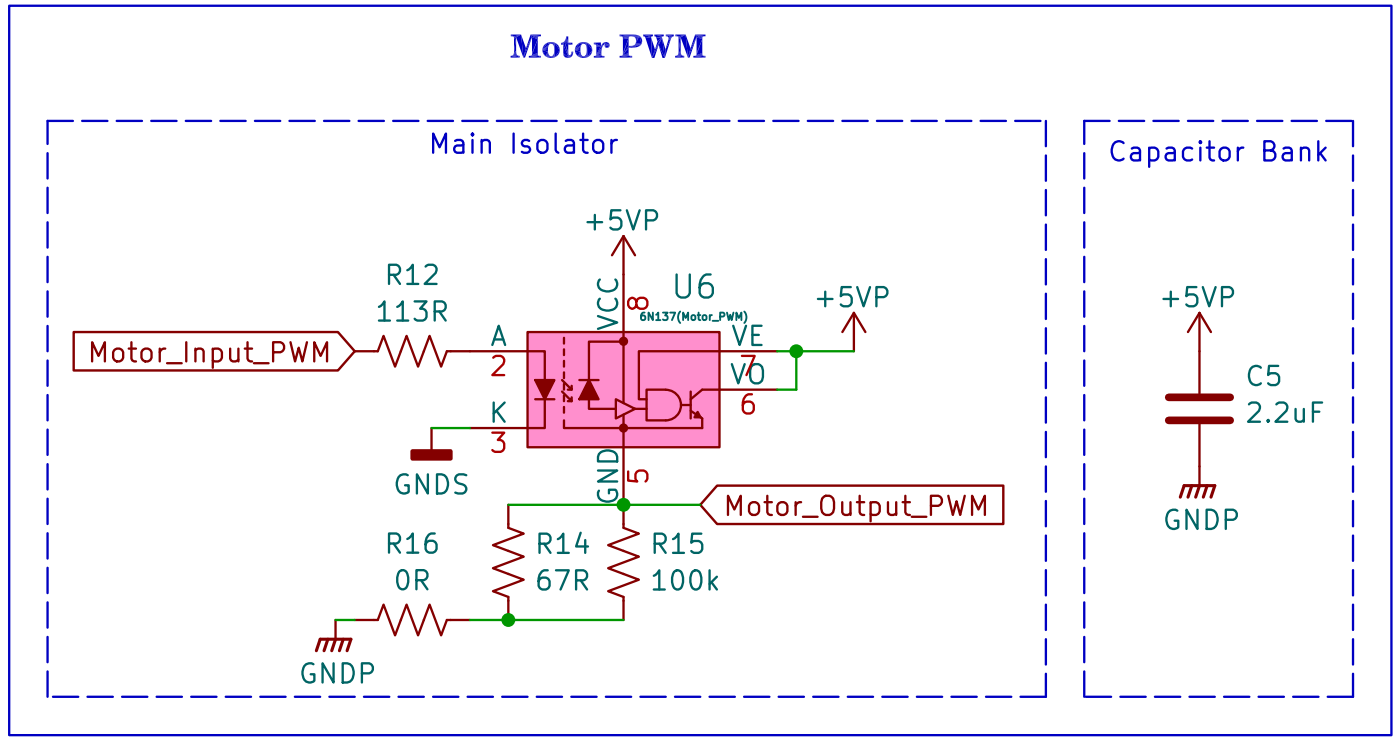
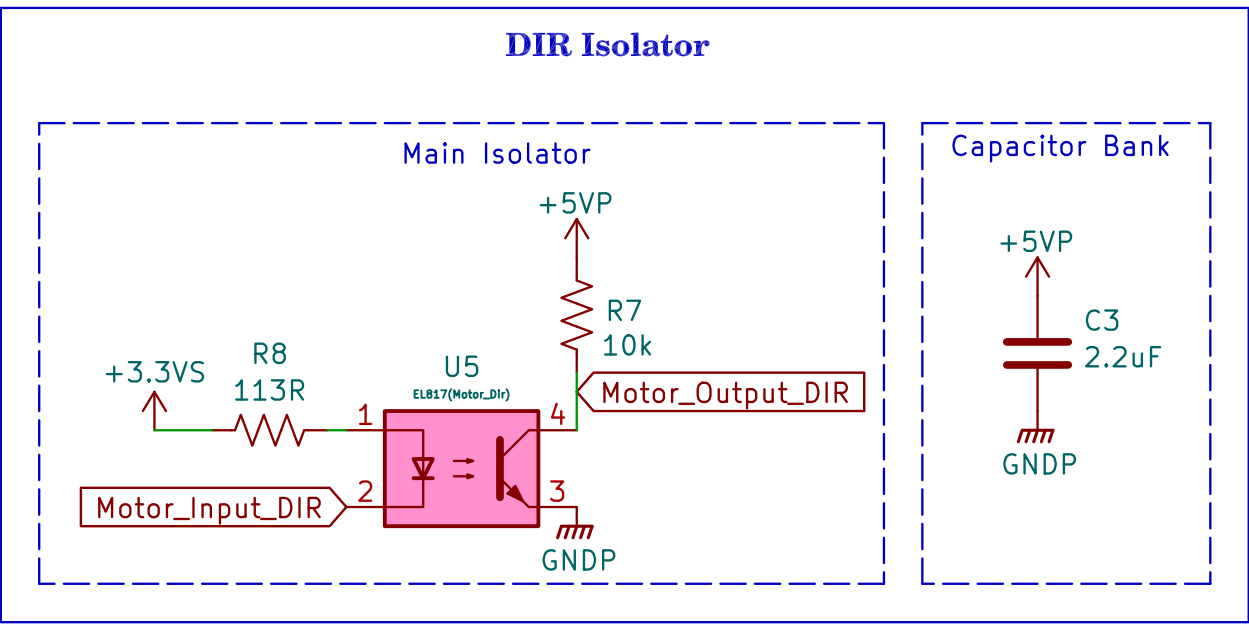
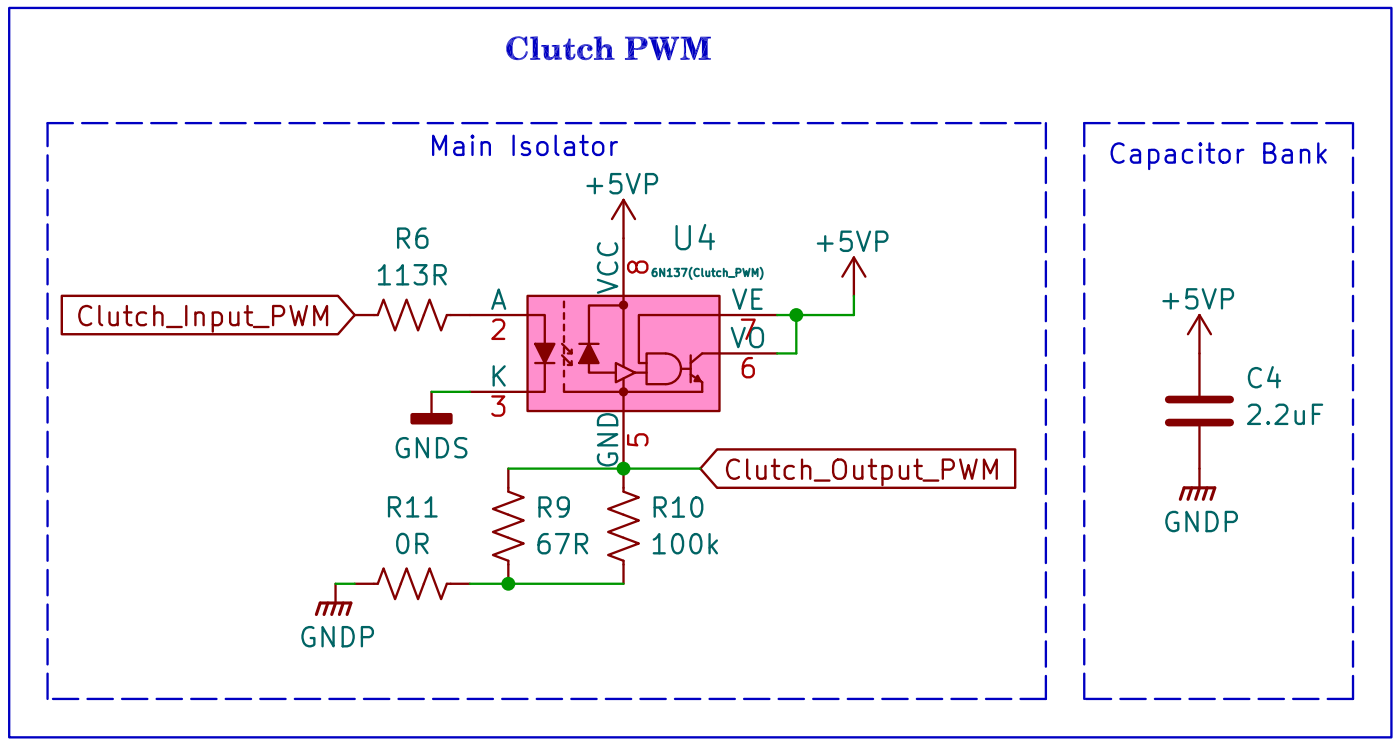
Size: A4

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Sheet: /PWM Isolation/PWM Isolation v3/
File: PWM Isolation v3.kicad_sch

Title: Optoisolation for Mobi-L

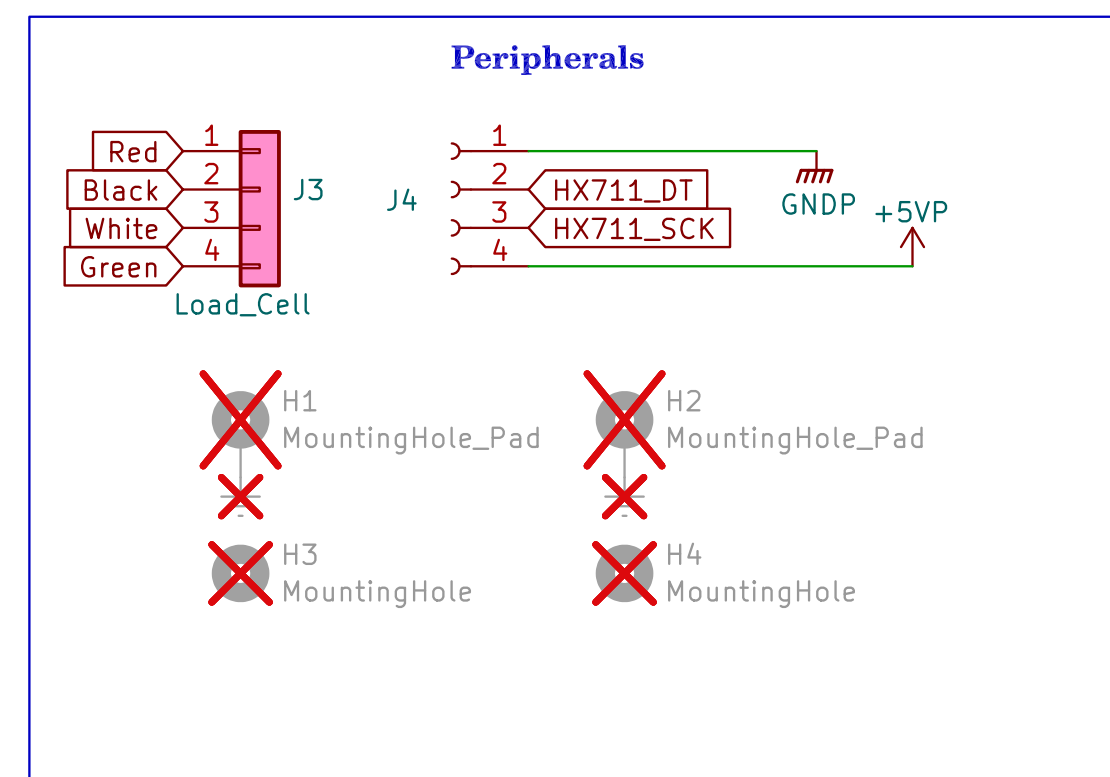
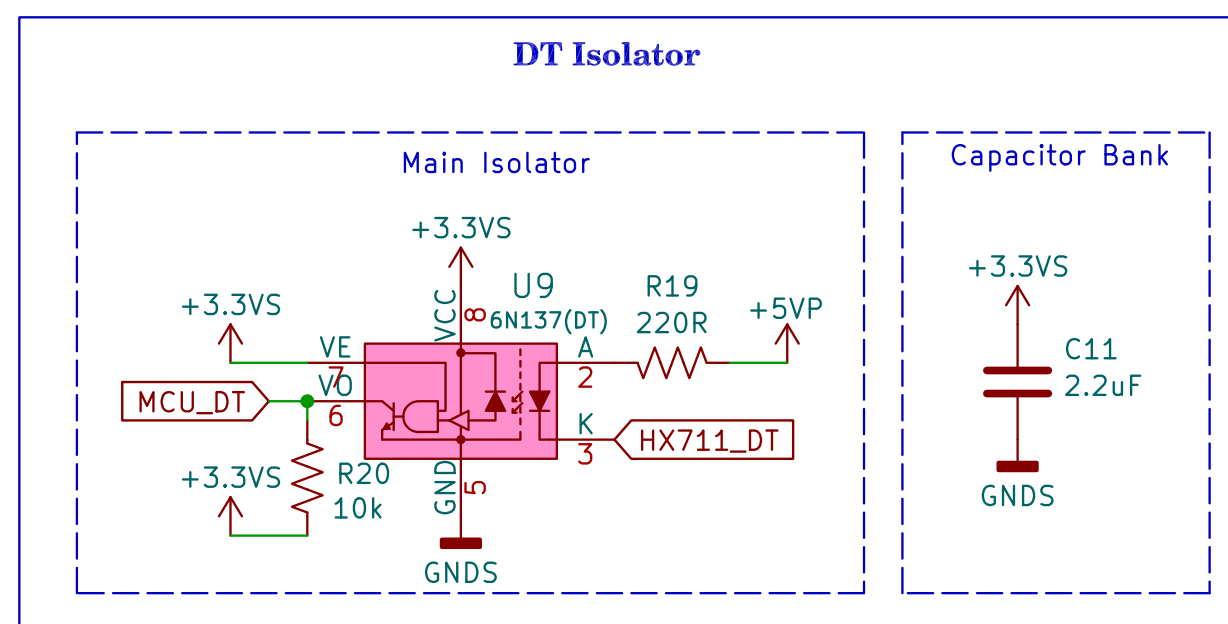
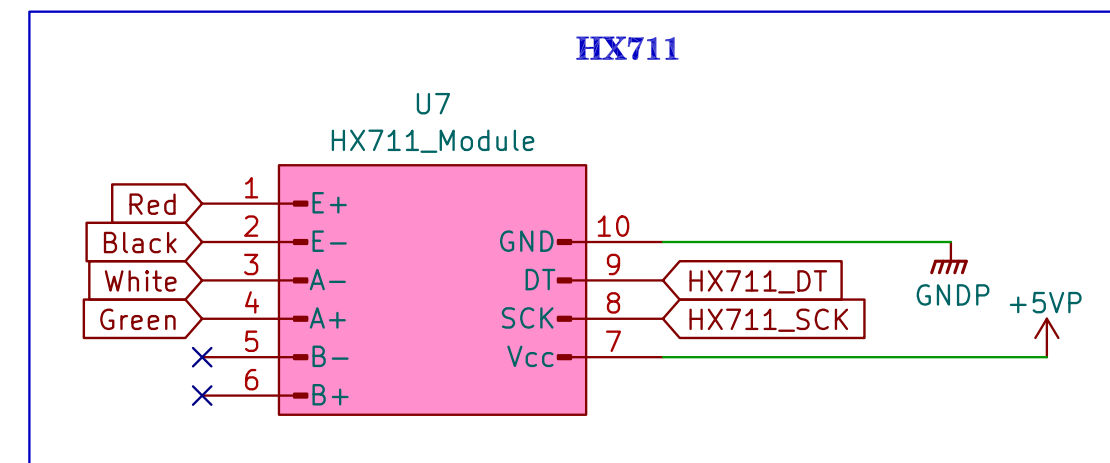
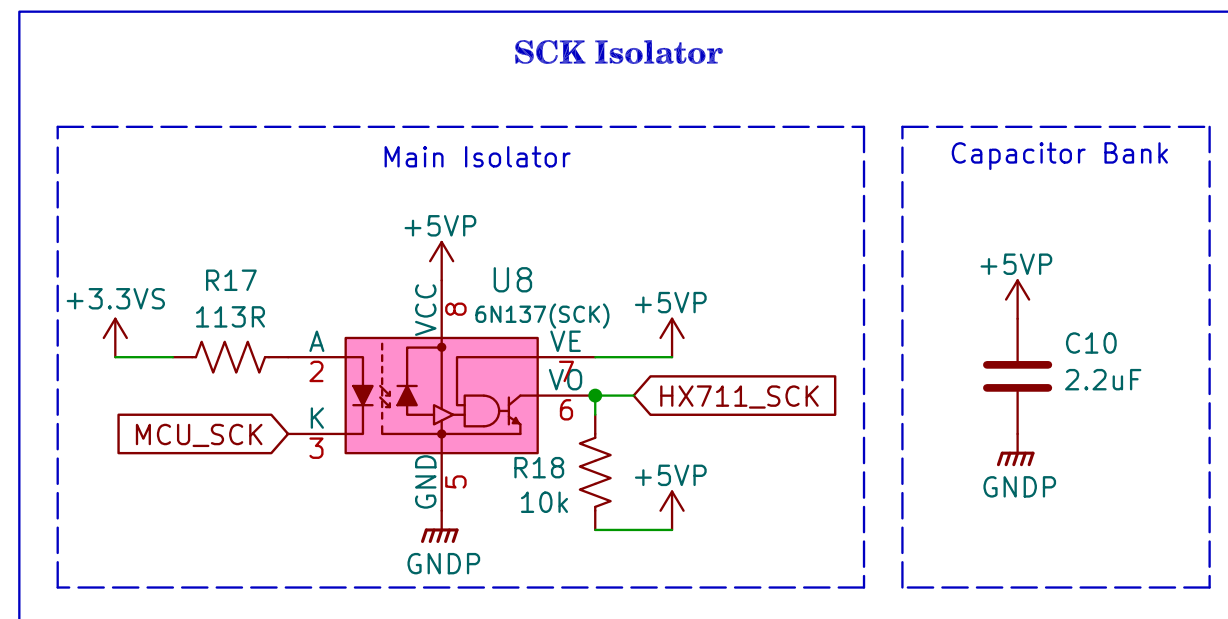
Size: A4

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Sheet: /HX711 Isolation/
File: HX711 Isolation.kicad_sch

Title: Optolsolation for Mobi-L

Size: A4

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