

Final motor has its own connector on the other side of the sensor PCB

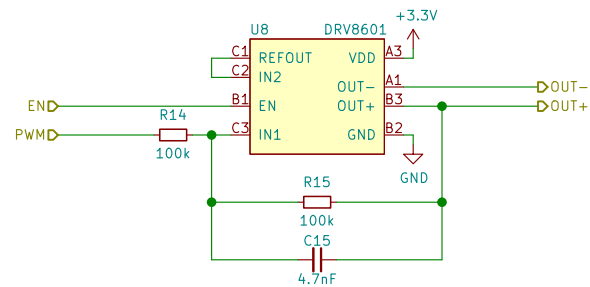
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Sheet: /motor_drivers/
File: motor_drivers.sch

Title: Umbelt Board

Size: A Date:
KiCad E.D.A. kicad (5.1.10-1-10_14)

Rev: 1.0
Id: 2/15



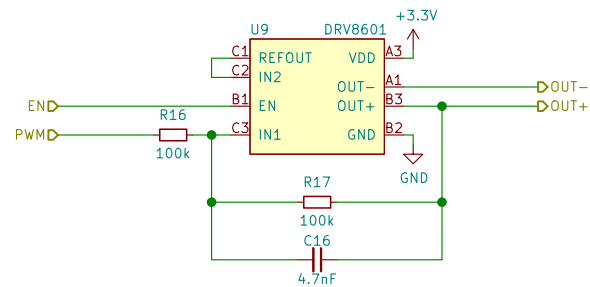
$F_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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Sheet: /motor_drivers/motor_driver_1/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 3/15



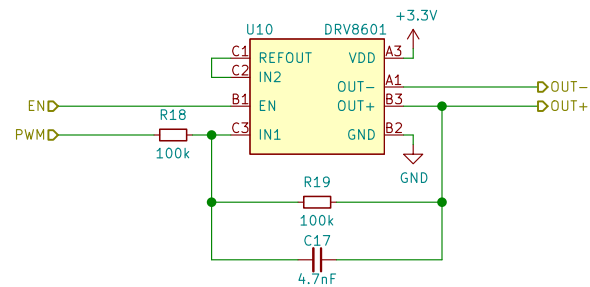
Fc = 340Hz. 1.1ms 0-90% rise time.

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Sheet: /motor_drivers/motor_driver_2/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 4/15



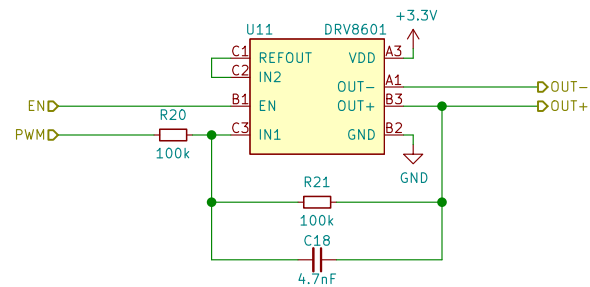
$F_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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Sheet: /motor_drivers/motor_driver_3/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 5/15



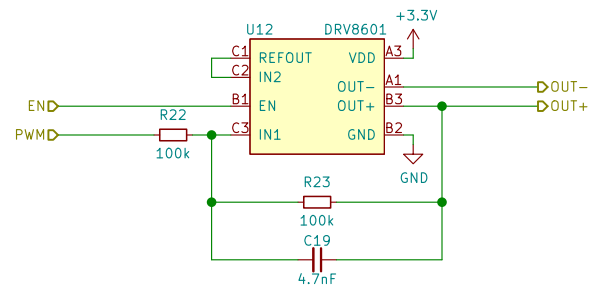
Fc = 340Hz. 1.1ms 0-90% rise time.

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Sheet: /motor_drivers/motor_driver_4/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 6/15



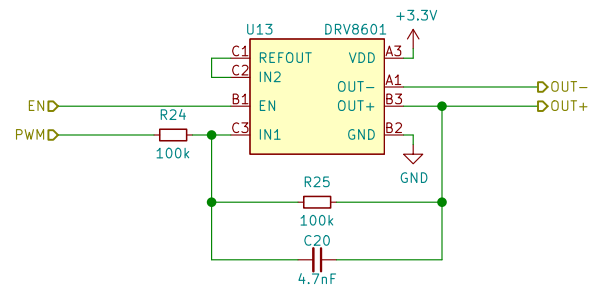
Fc = 340Hz. 1.1ms 0-90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 7/15



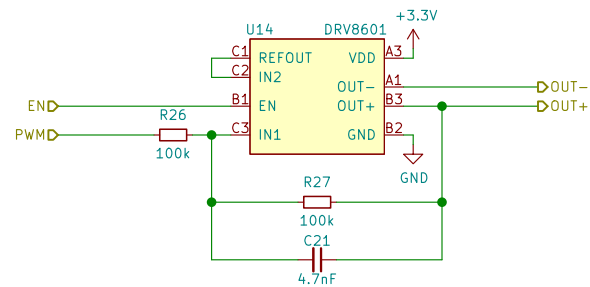
Fc = 340Hz. 1.1ms 0-90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 8/15



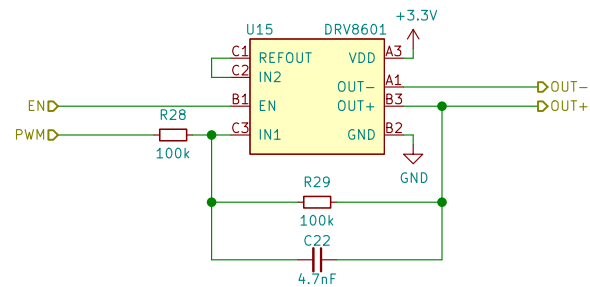
$F_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 9/15



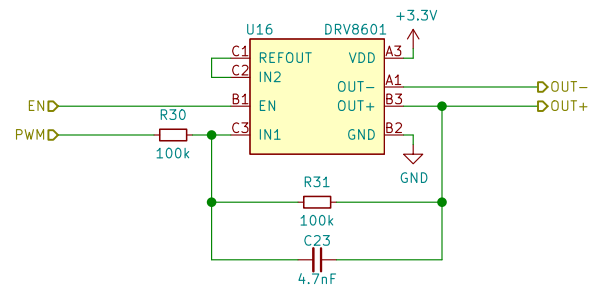
Fc = 340Hz. 1.1ms 0-90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 10/15



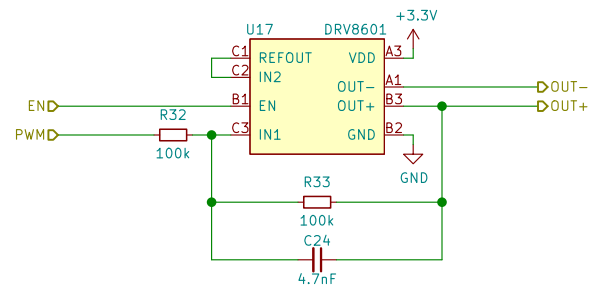
$f_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 11/15



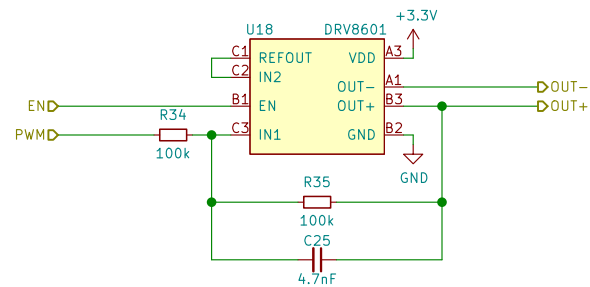
$F_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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Sheet: /motor_drivers/motor_driver_10/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 12/15



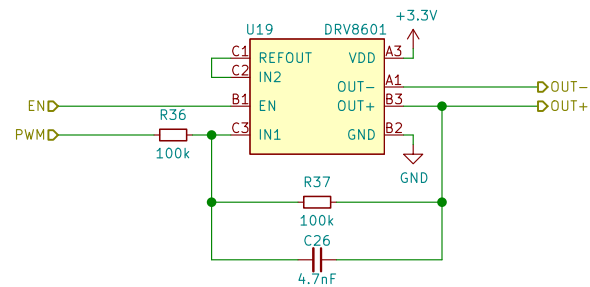
$F_c = 340\text{Hz}$. 1.1ms 0–90% rise time.

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File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10–1–10_14)		Id: 13/15



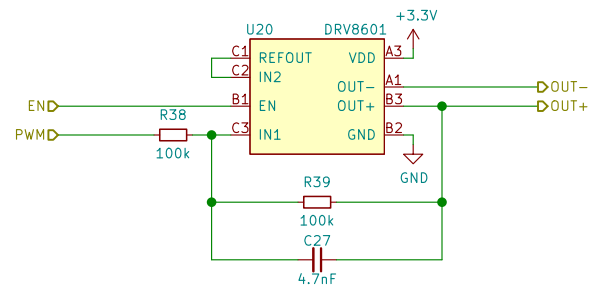
Fc = 340Hz. 1.1ms 0-90% rise time.

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Sheet: /motor_drivers/motor_driver_12/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 14/15



Fc = 340Hz. 1.1ms 0-90% rise time.

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Sheet: /motor_drivers/motor_driver_0/
File: motor_driver.sch

Title: Umbelt Board

Size: A	Date:	Rev: 1.0
KiCad E.D.A. kicad (5.1.10-1-10_14)		Id: 15/15