

Tovenca

Sheet: /
File: mainet-mega.sch

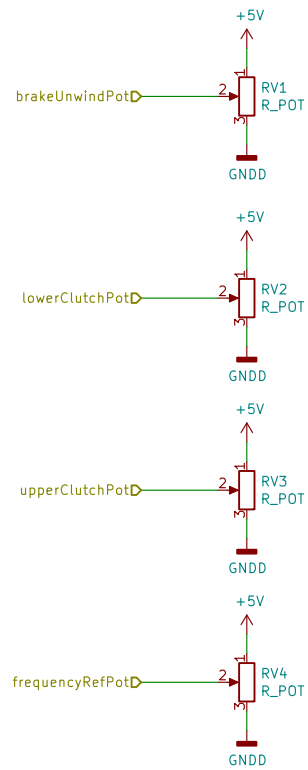
Title: Mainet-mega -- Diagrama de bloques

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

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Sheet: /mainet-mega-potenci6metros/
File: mainet-mega-potenci6metros.sch

Title: Mainet-mega -- Potenci6metros de Control

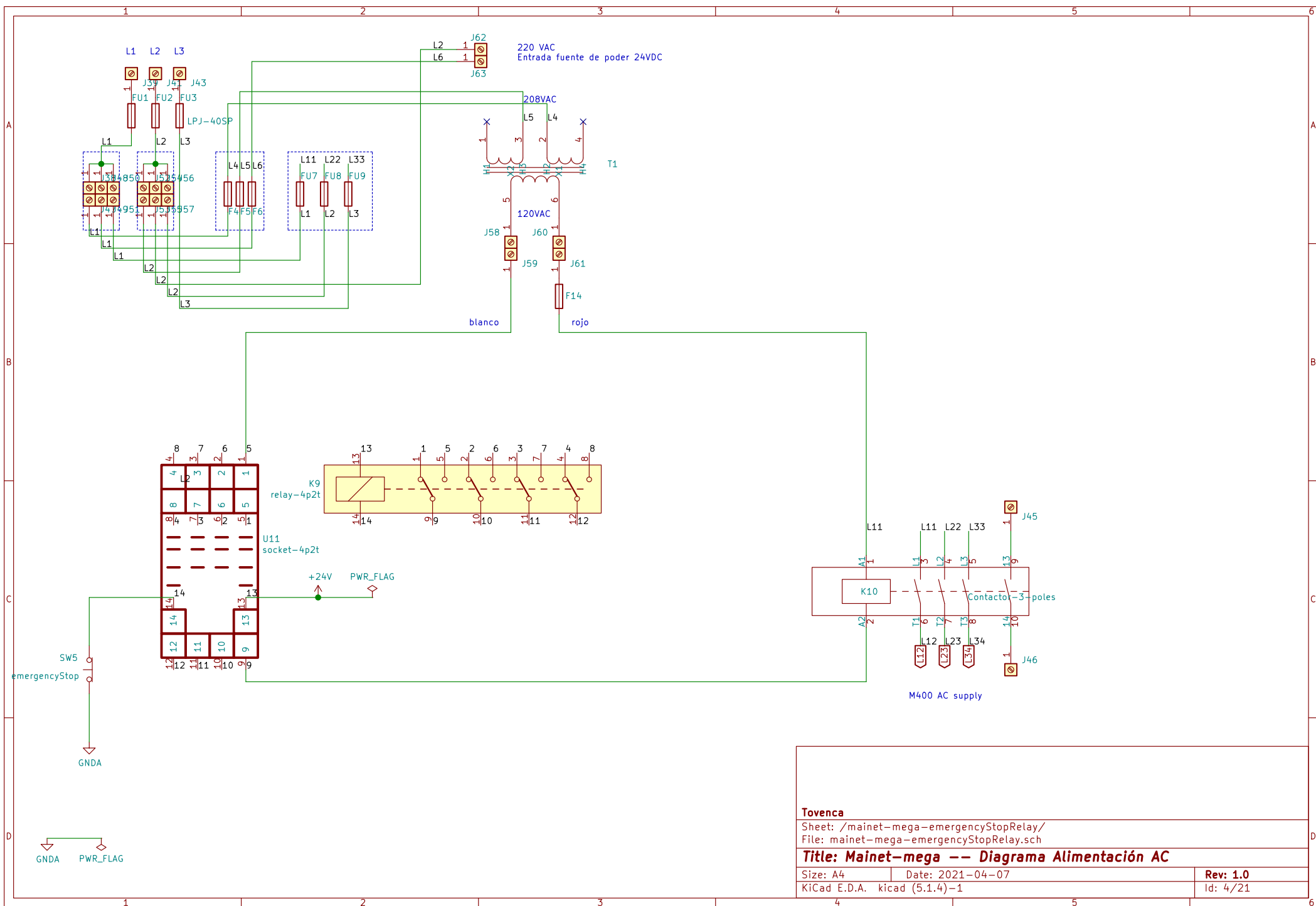
Size: A4 Date: 2021-04-07

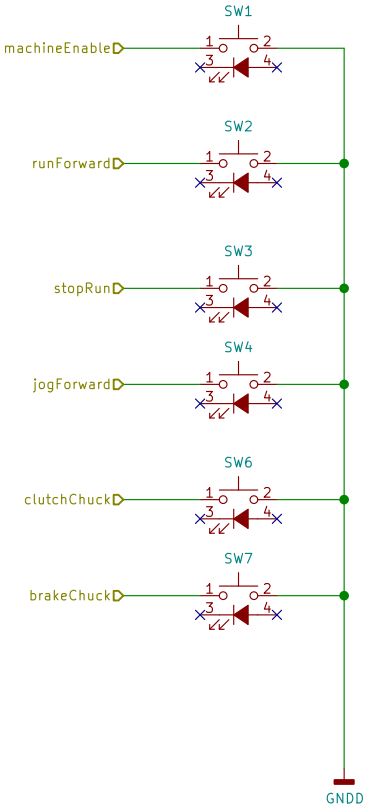
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Rev: 1.0

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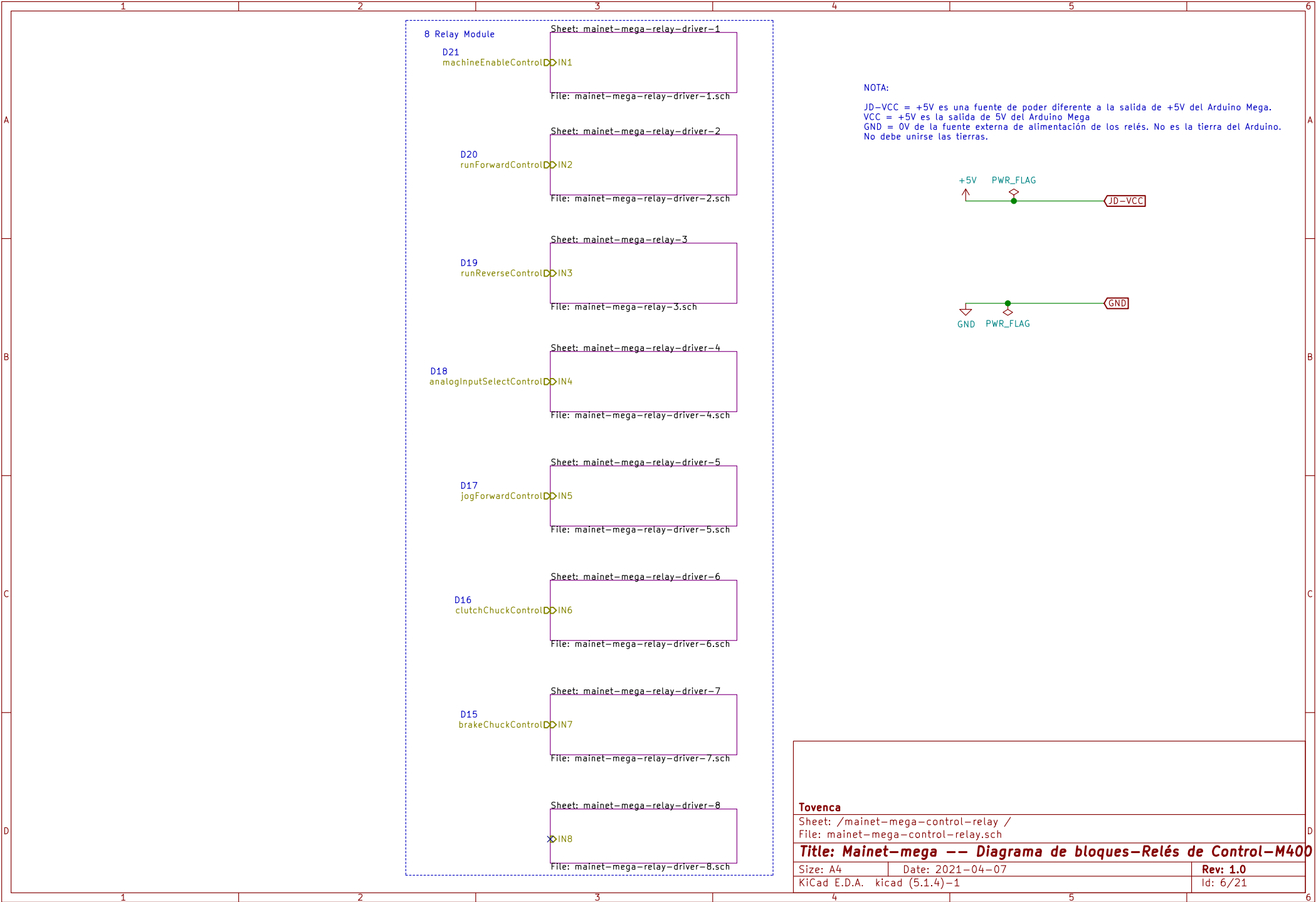


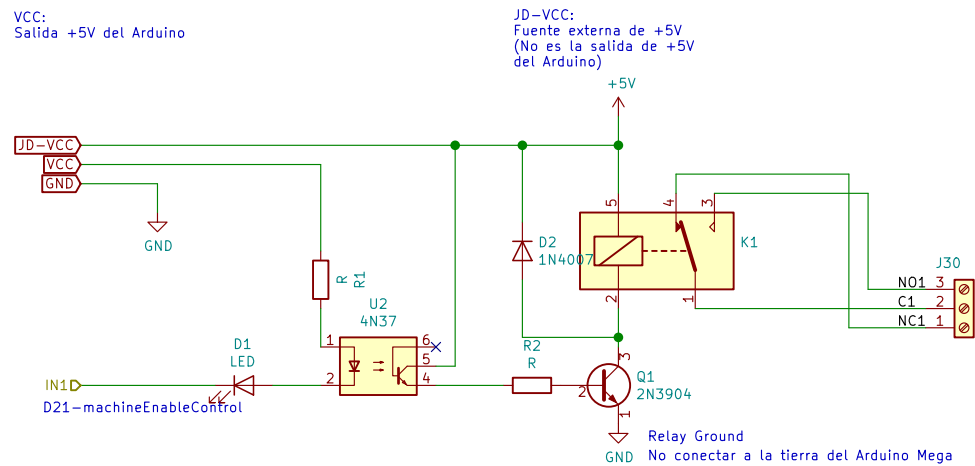
Tovenca

Sheet: /mainet-mega-botones/
File: mainet-mega-botones.sch

Title: Mainet-mega -- Botonera de Control

Size: A4	Date: 2021-04-07	Rev: 1.0
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Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-1/
File: mainet-mega-relay-driver-1.sch

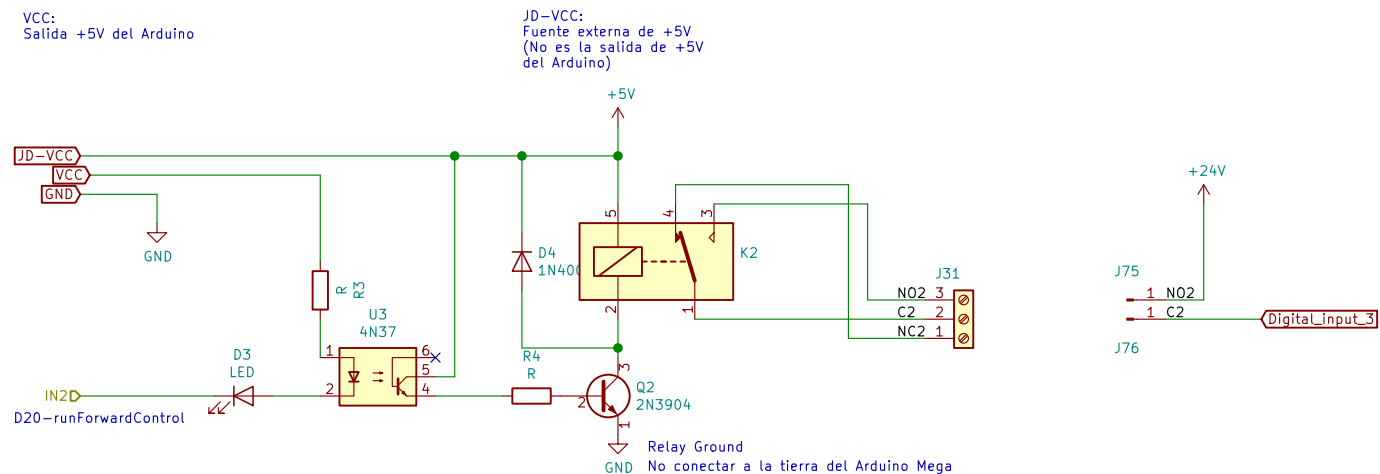
Title: Mainet-mega -- machineEnableControl

Size: A4 Date: 2021-04-07

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Rev: 1.0

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Tovenca

Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-2/
File: mainet-mega-relay-driver-2.sch

Title: Mainet-mega -- runForwardControl

Size: A4 Date: 2021-04-07

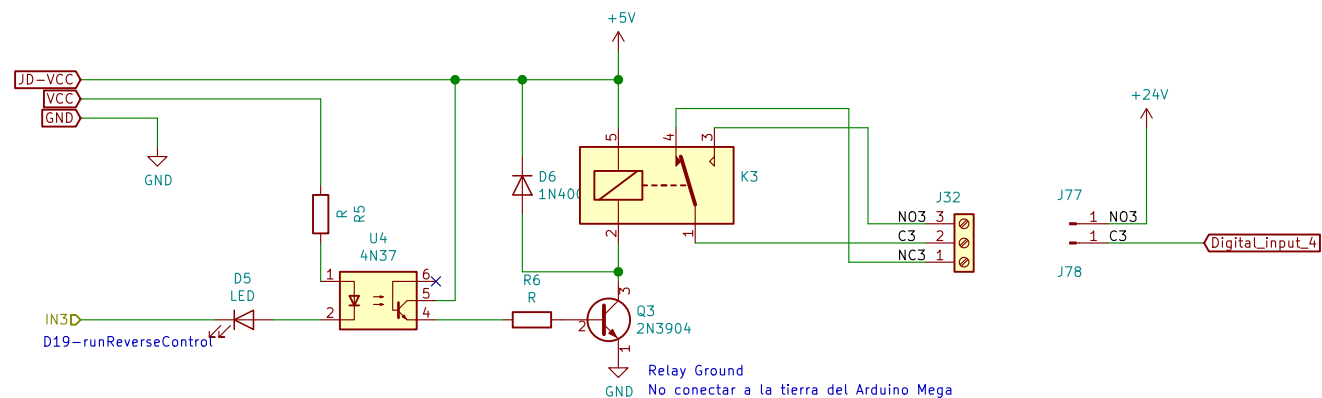
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VCC:
Salida +5V del Arduino

JD-VCC:
Fuente externa de +5V
(No es la salida de +5V
del Arduino)



Tovenca

Sheet: /mainet-mega-control-relay /mainet-mega-relay-3/
File: mainet-mega-relay-3.sch

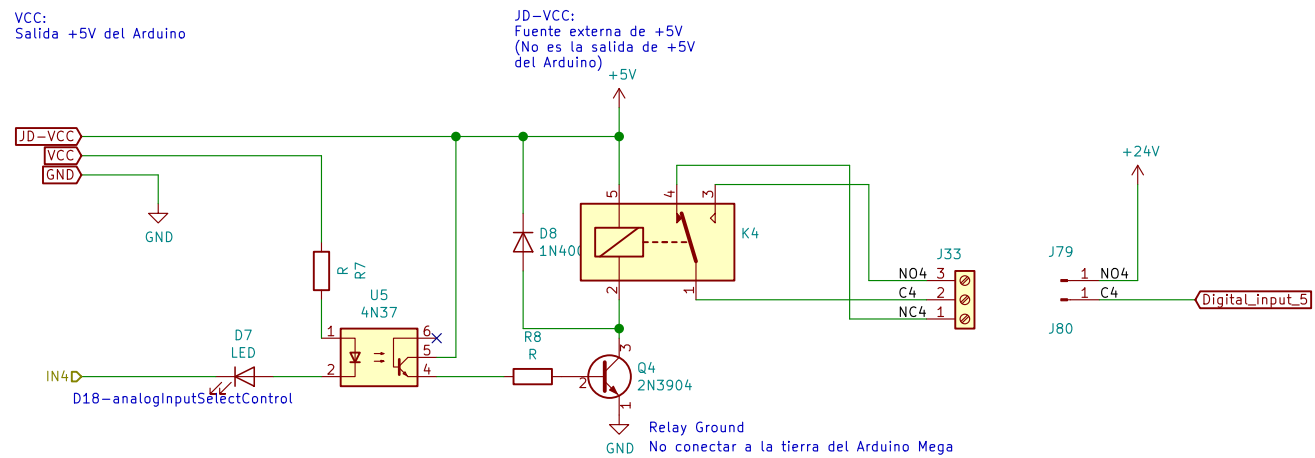
Title: Mainet-mega -- runReverseControl

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 9/21



Tovenca

Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-4/
File: mainet-mega-relay-driver-4.sch

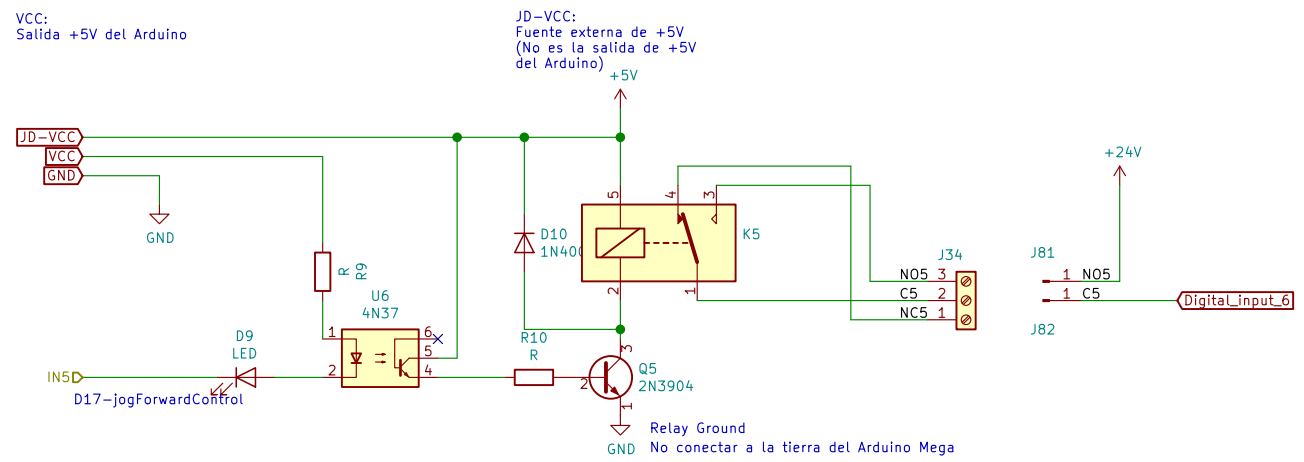
Title: Mainet-mega -- analogInputSelectControl

Size: A4 Date: 2021-04-07

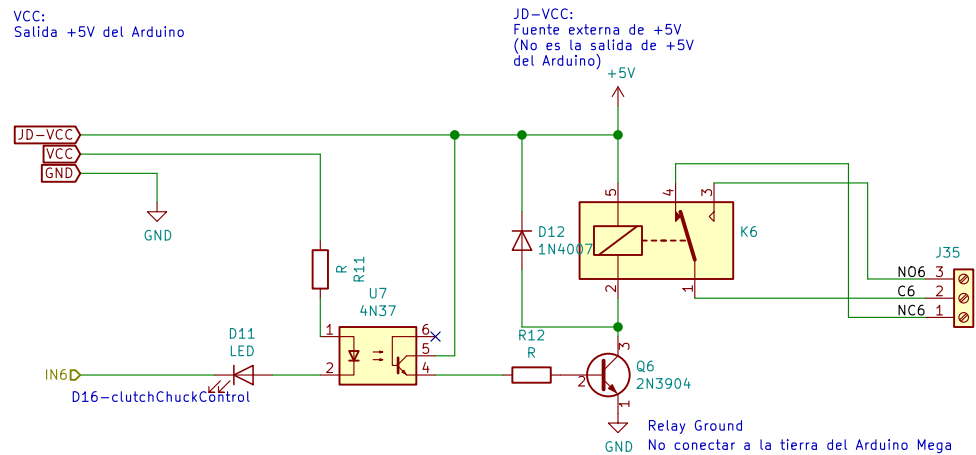
KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

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Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-5/ File: mainet-mega-relay-driver-5.sch		
Title: Mainet-mega --		
Size: A4	Date: 2021-04-07	Rev: 1.0
KiCad E.D.A. kicad (5.1.4)-1		Id: 11/21



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Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-6/
File: mainet-mega-relay-driver-6.sch

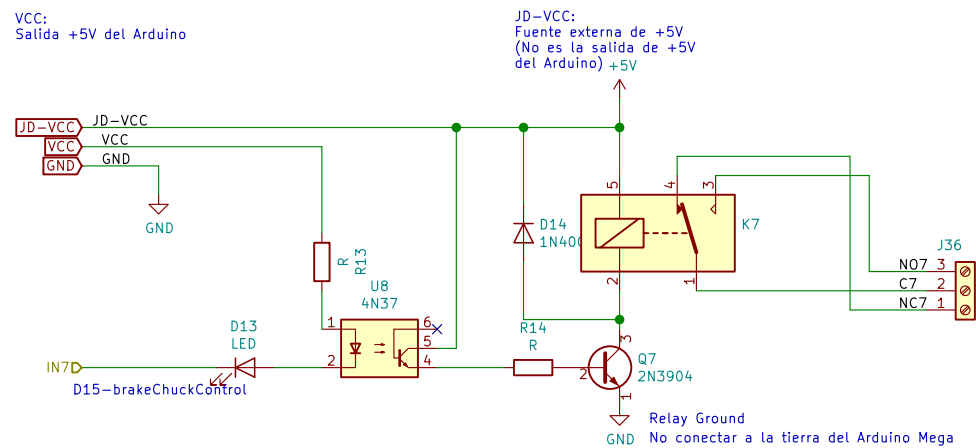
Title: Mainet-mega -- clutchChuckControl

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 12/21



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Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-7/
File: mainet-mega-relay-driver-7.sch

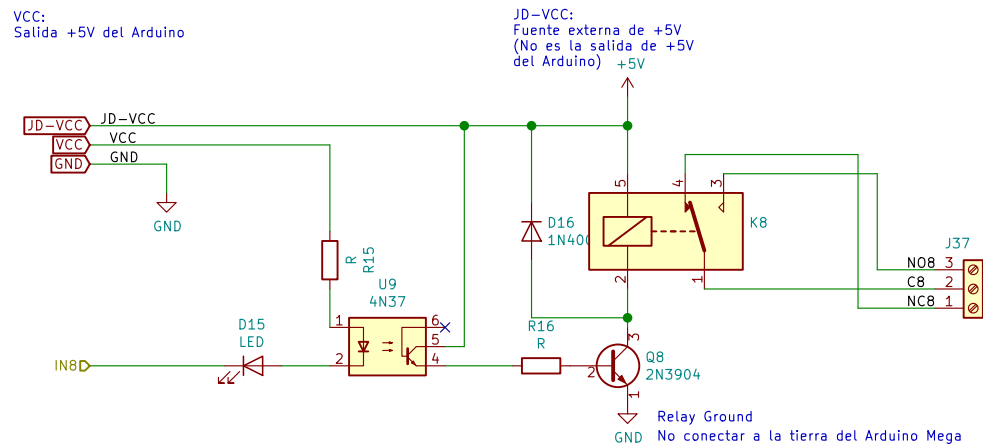
Title: Mainet-mega -- brakeChuckControl

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 13/21



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Sheet: /mainet-mega-control-relay /mainet-mega-relay-driver-8/
File: mainet-mega-relay-driver-8.sch

Title: Mainet-mega --

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

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4 MOSFET driver 5V a 10V

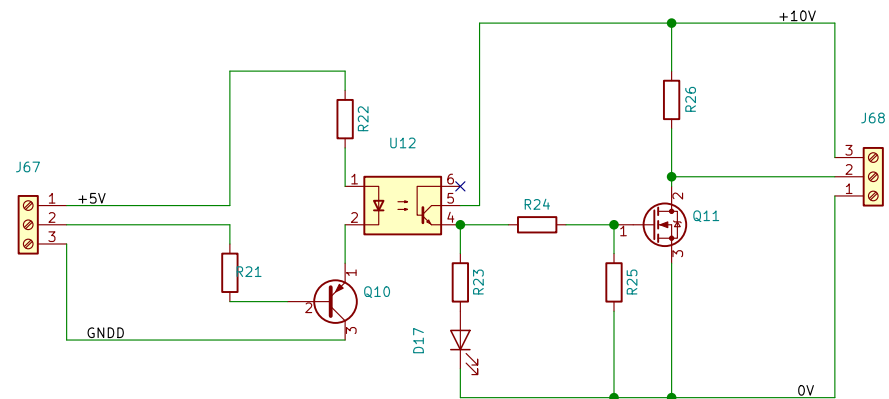
Sheet: upperClutchControl
upperClutchControlD
File: upperClutchControl.sch

Sheet: lowerClutchControl
lowerClutchControlD
File: lowerClutchControl.sch

Sheet: brakeUnwindControl
brakeUnwindControlD
File: brakeUnwindControl.sch

Sheet: frequencyRefControl
frequencyRefControlD
File: frequencyRefControl.sch

Tovenca		
Sheet: /mainet-mega-pwm/ File: mainet-mega-pwm.sch		
Title: Mainet-mega -- Convertidores de Voltaje: 5V a 10V		
Size: A4	Date: 2021-04-07	Rev: 1.0
KiCad E.D.A. kicad (5.1.4)-1		Id: 15/21



Tovenca

Sheet: /mainet-mega-pwm/upperClutchControl/
File: upperClutchControl.sch

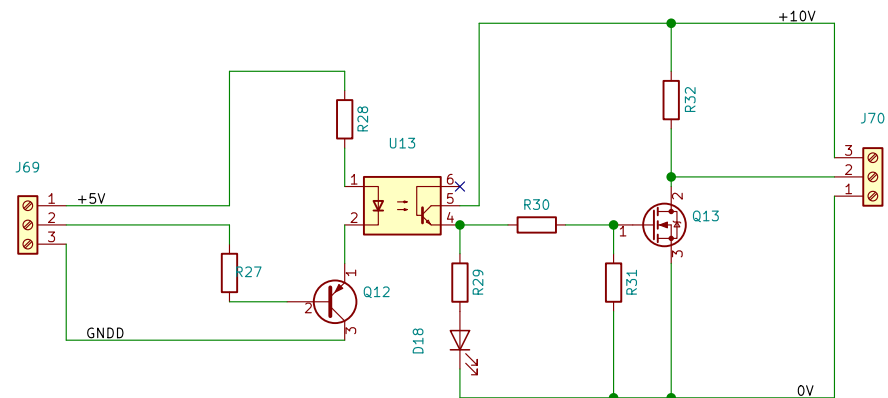
Title: Mainet-mega -- upperClutchControl

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 16/21



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Sheet: /mainet-mega-pwm/lowerClutchControl/
File: lowerClutchControl.sch

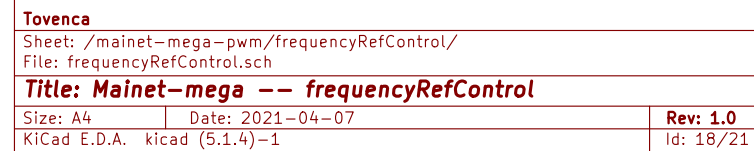
Title: Mainet-mega -- lowerClutchControl

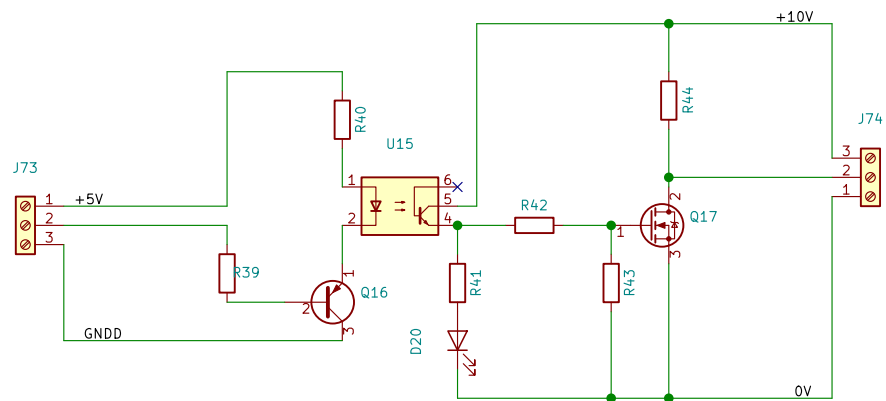
Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 17/21





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Sheet: /mainet-mega-pwm/brakeUnwindControl/
File: brakeUnwindControl.sch

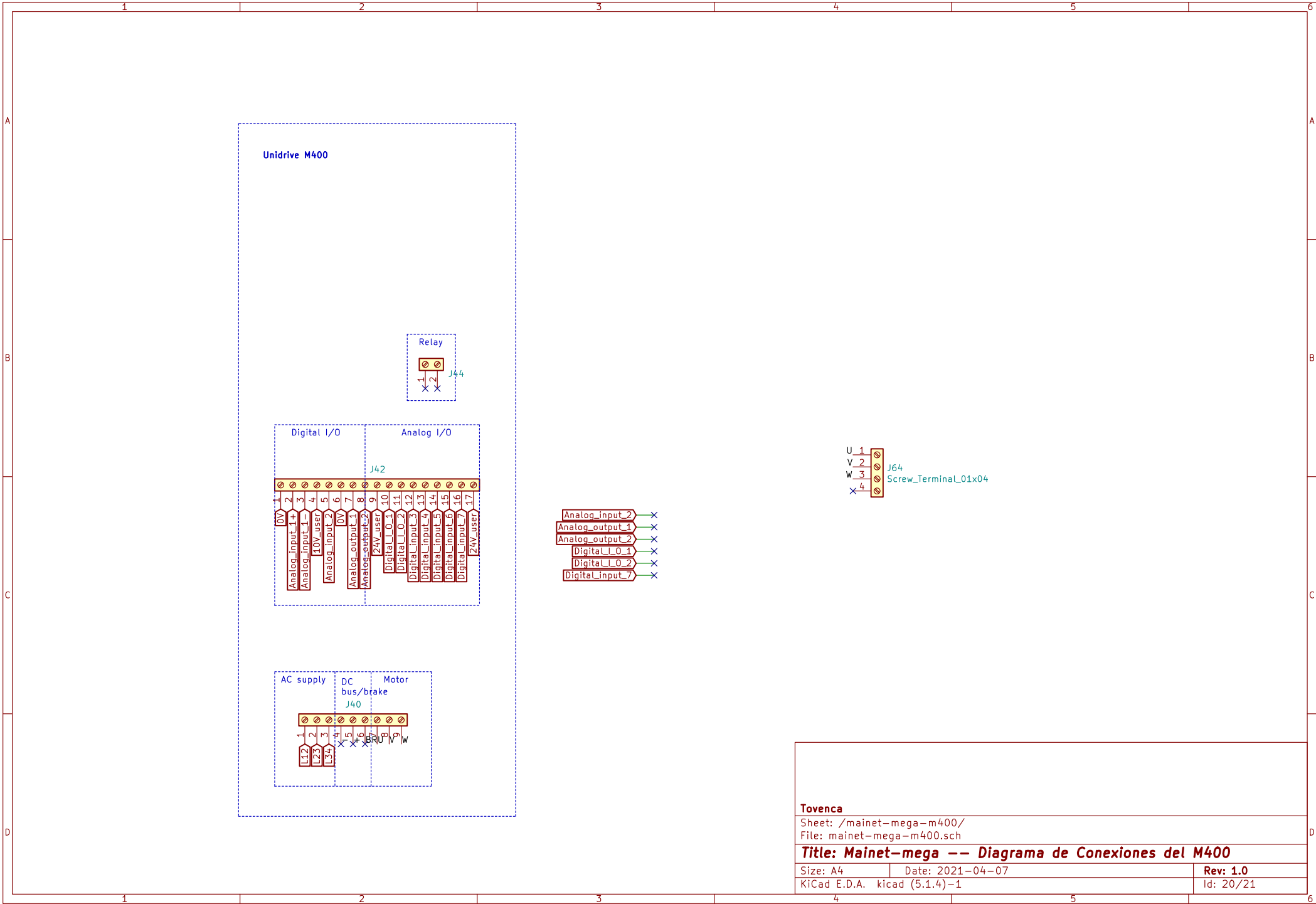
Title: Mainet-mega -- brakeUnwindControl

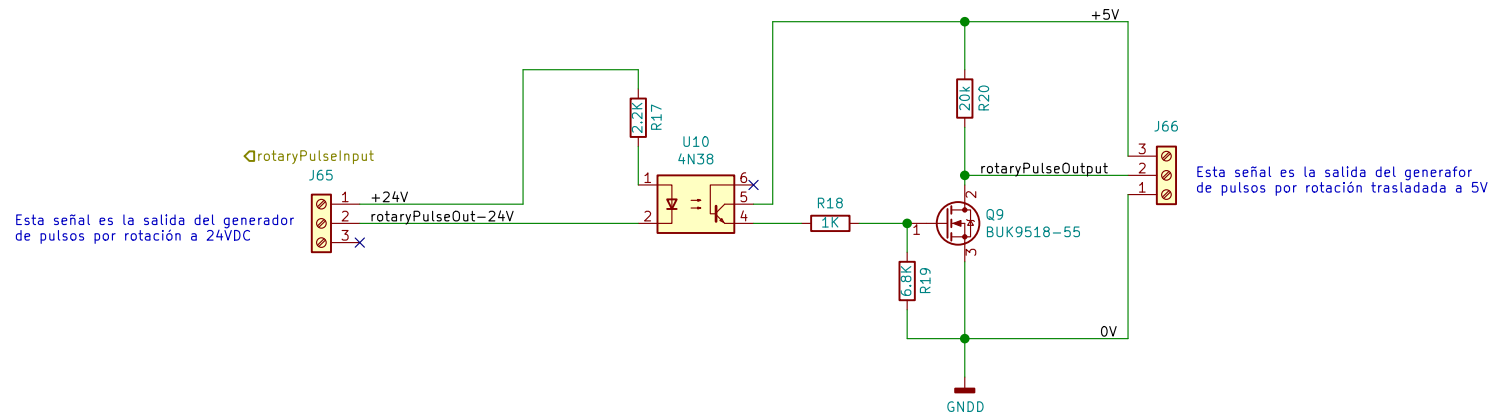
Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 19/21





Tovenca

Sheet: /mainet-mega-rotary-pulse/
File: mainet-mega-rotary-pulse.sch

Title: Mainet-mega -- Convertidor de Voltaje: 24V a 5V

Size: A4 Date: 2021-04-07

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1.0

Id: 21/21