

Siemens bias line state sensing

Pre-driver and level shifting

Output drivers

Power entry and protection

Don Straney

Martinos Center @ MGH

Sheet: /

File: PIN_driver_8x.sch

Title: MRI coil PIN diode driver, 8-channel

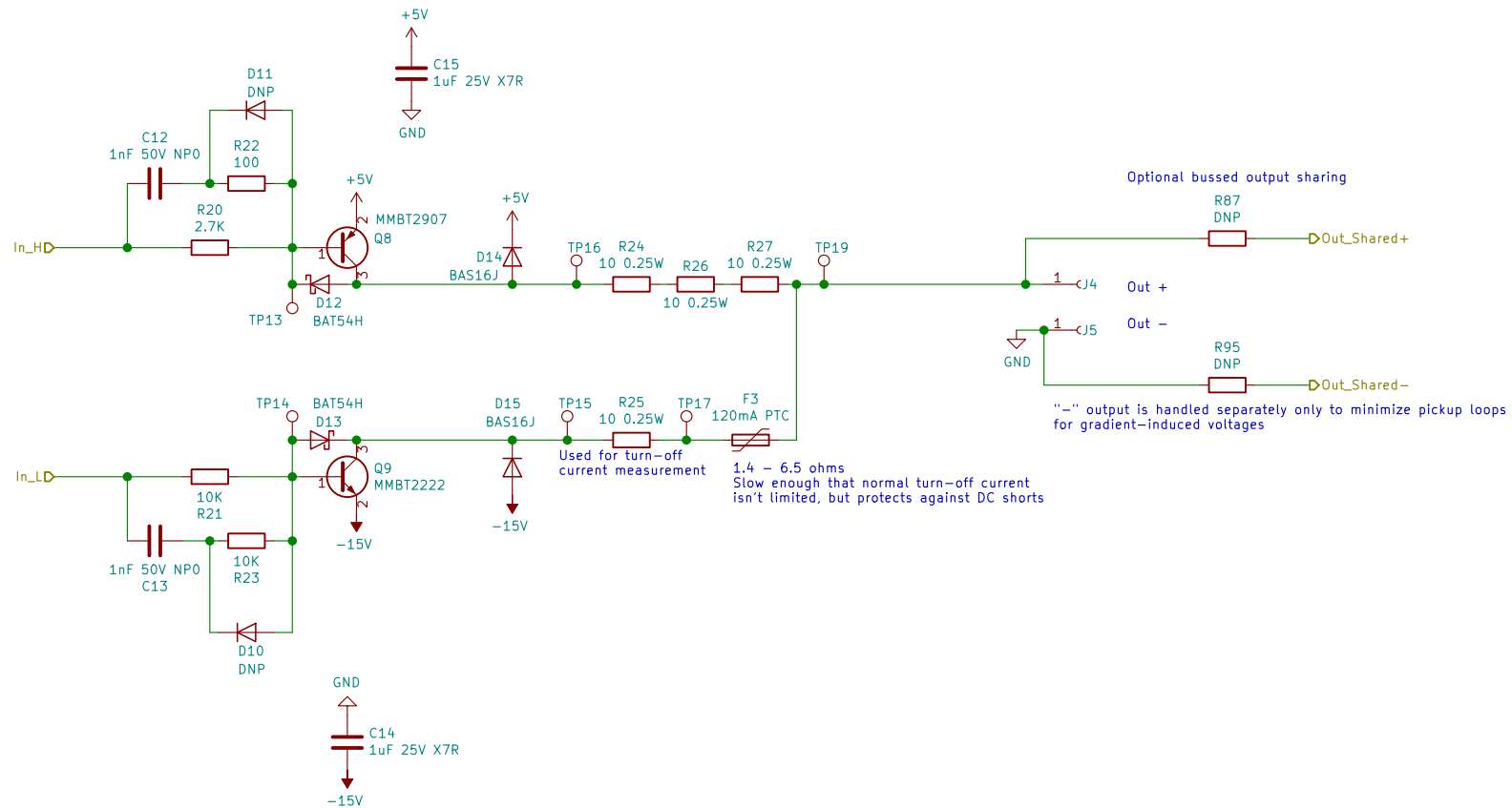
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Date:

Rev: 1.1.1

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

Id: 1/9



Sheet: /Channel 1/
File: driver.sch

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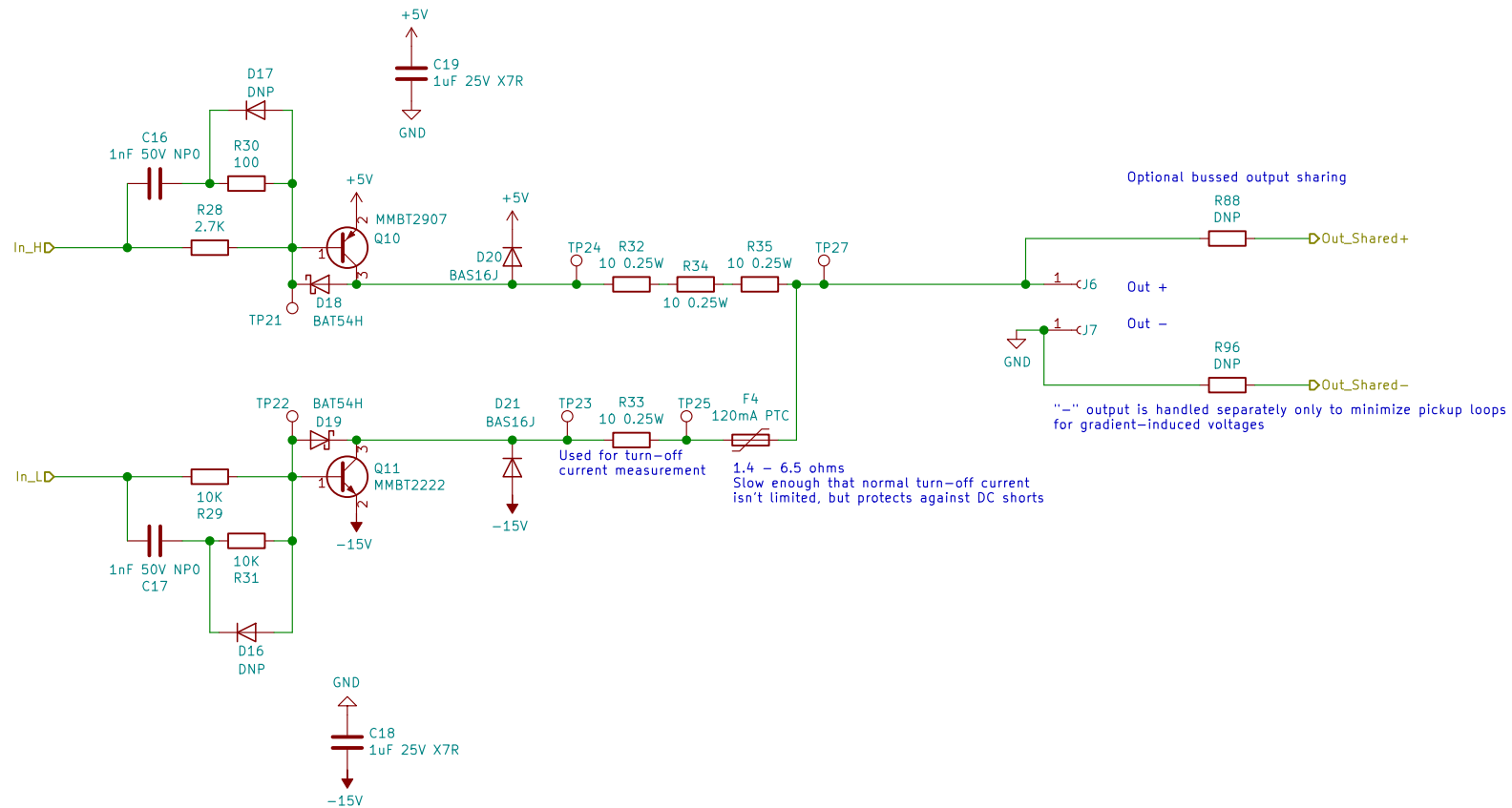
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Rev:

Id: 2/9



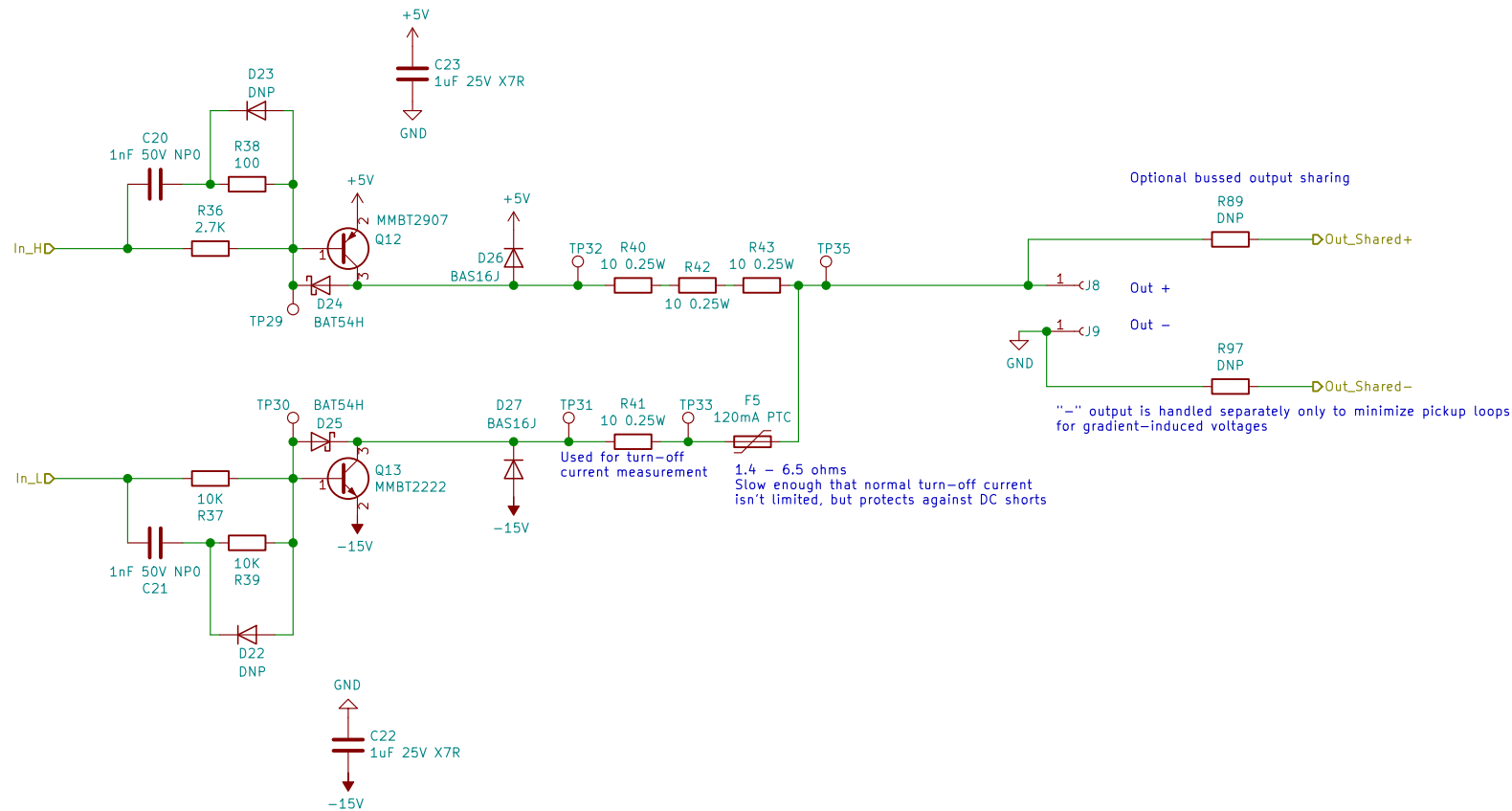
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Date:

Rev:
Id: 3/9



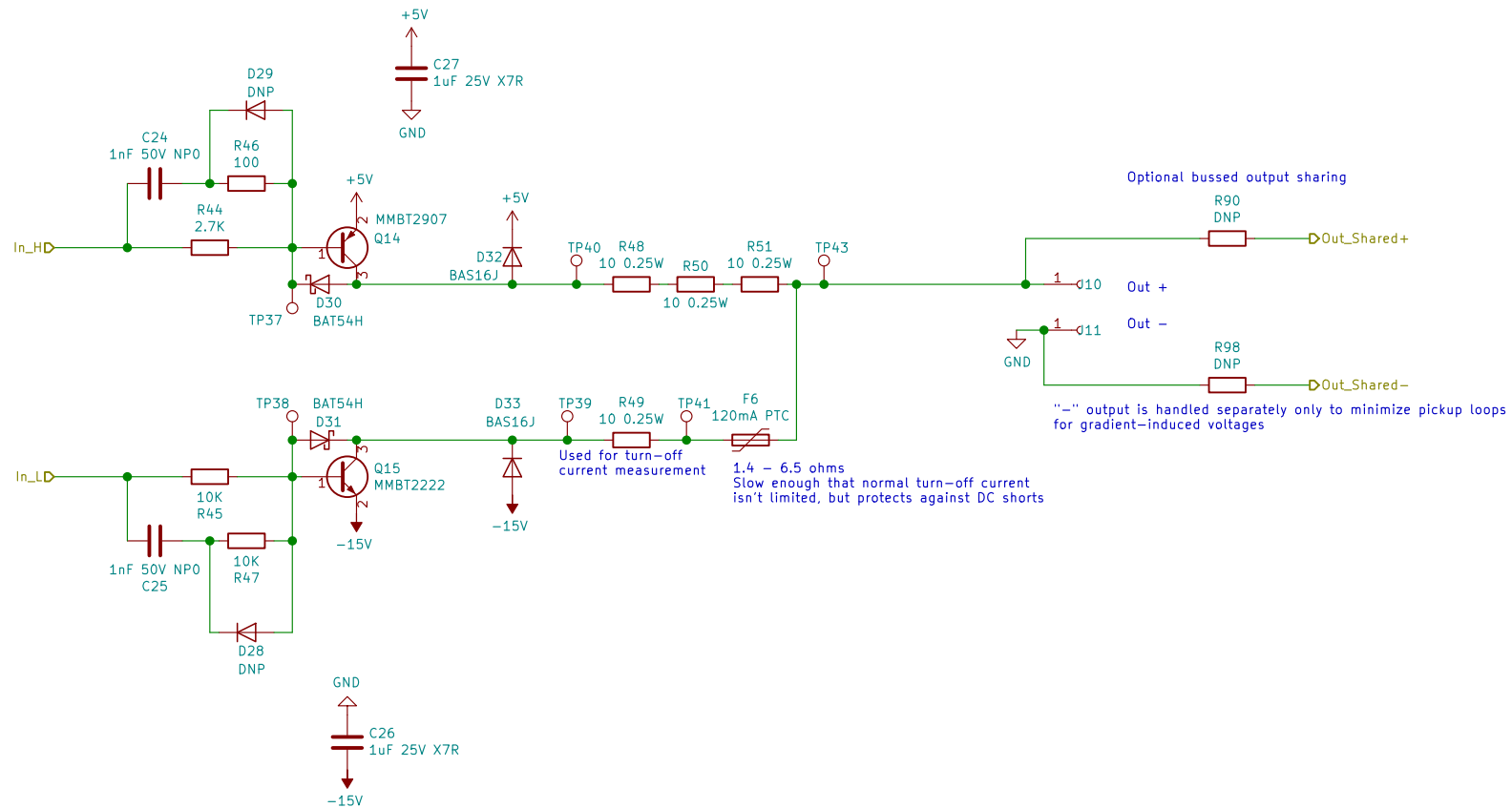
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Date:

Rev:
Id: 4/9



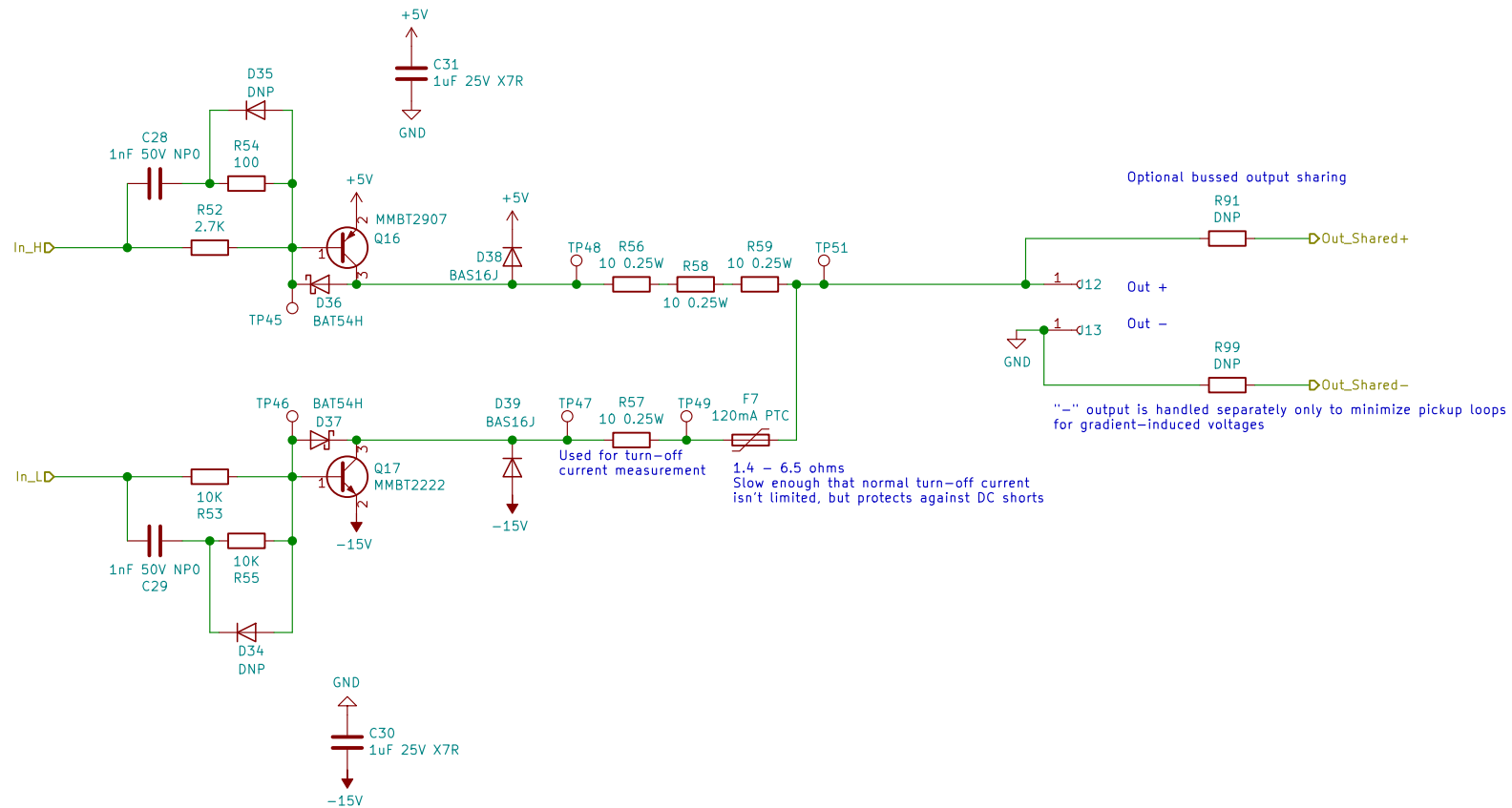
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Date:

Rev:
Id: 5/9



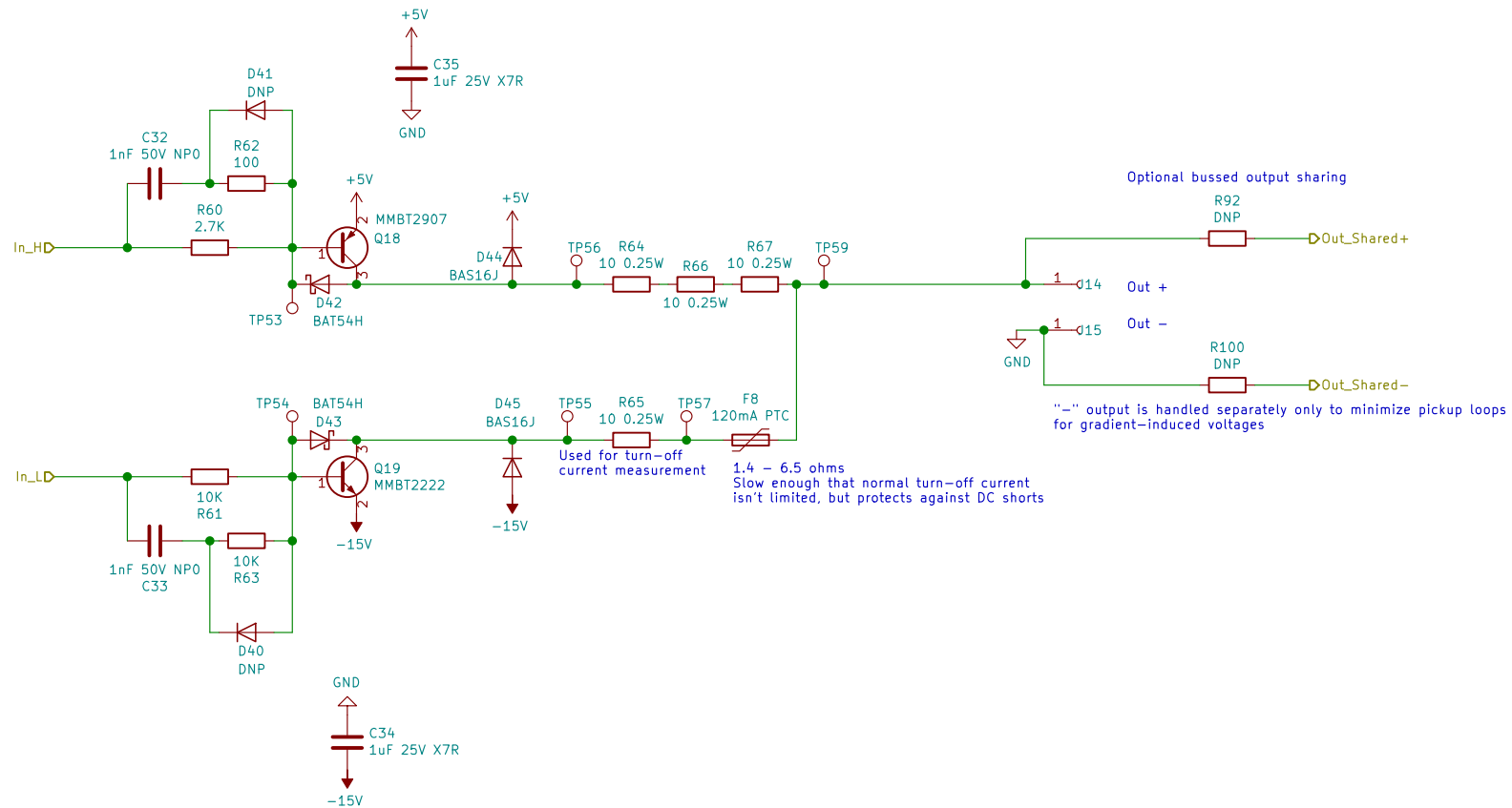
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Date:

Rev:
Id: 6/9



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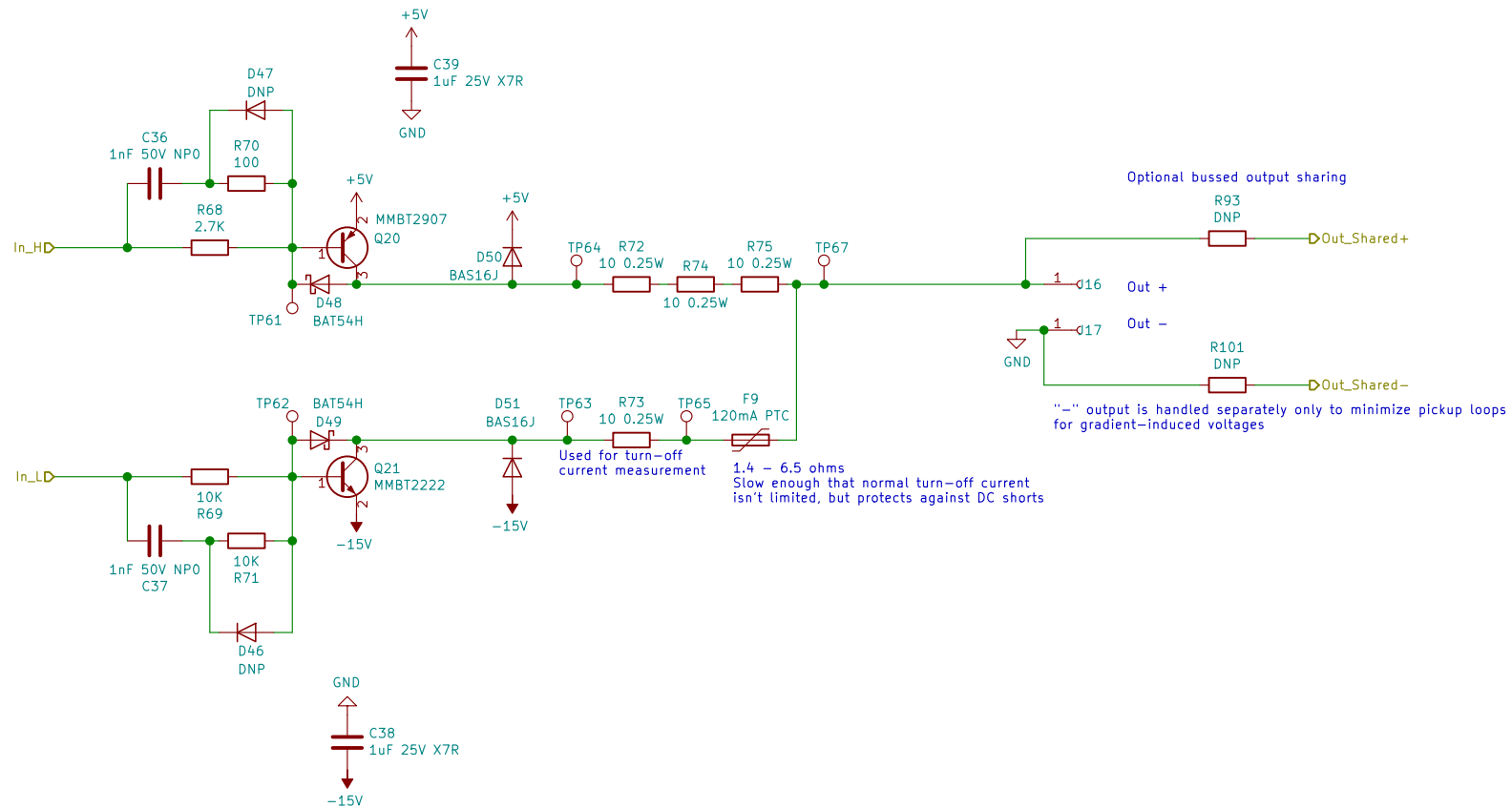
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Date:

Rev:

Id: 7/9



Sheet: /Channel 7/
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Title:

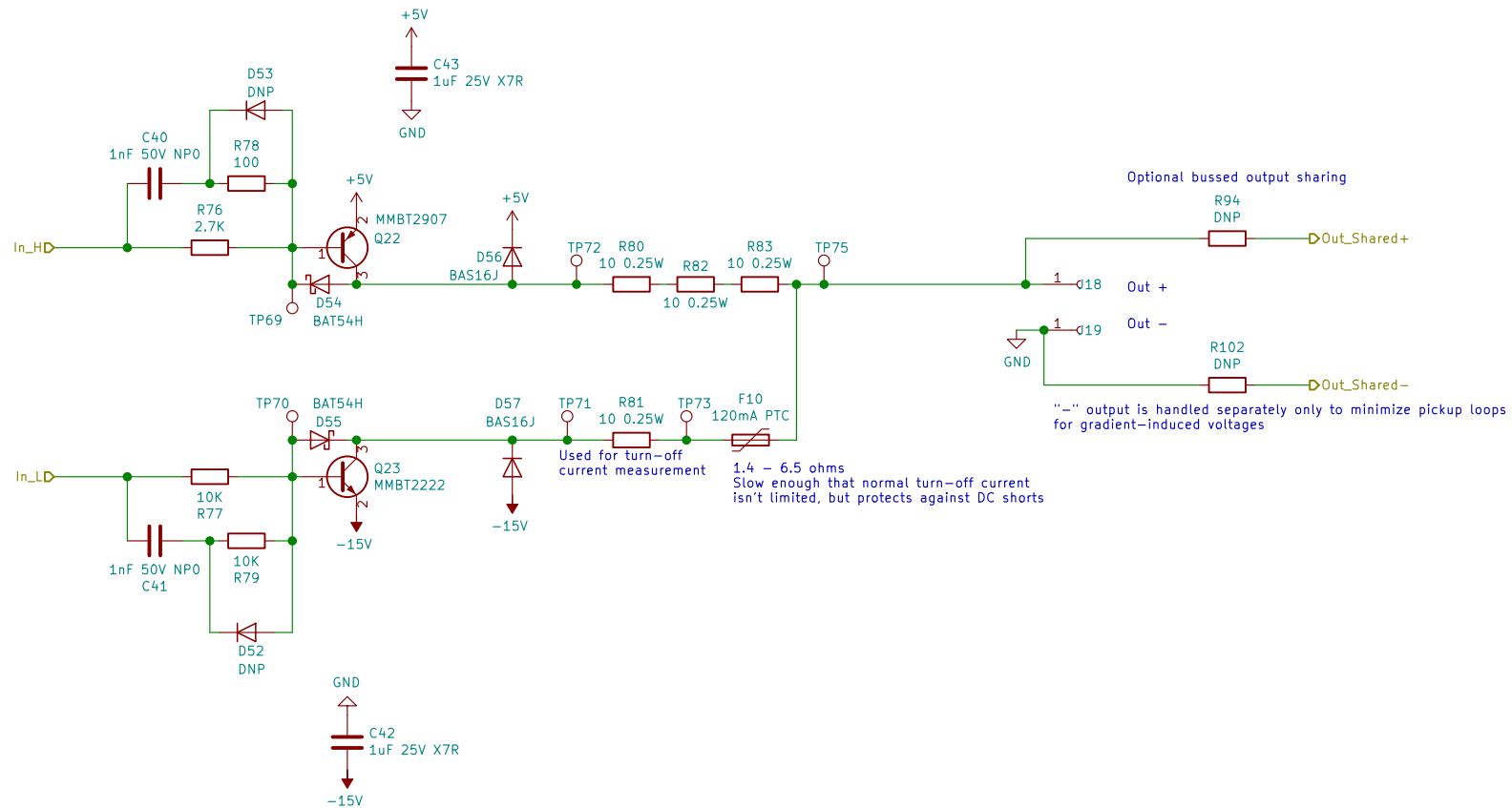
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Rev:

Id: 8/9



Sheet: /Channel 8/
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Title:

Size: A4

Date:

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

Rev:

Id: 9/9