

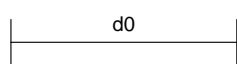
TITLE PPM | Overview

FILE: 01-overview.sch

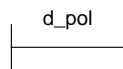
REVISION: 2.2

PAGE 1 OF 23

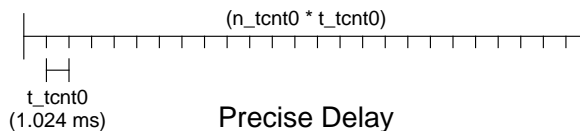
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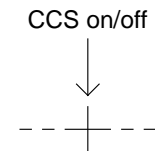
Long Delay
(Host delay)



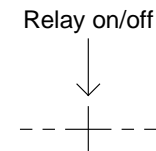
Short Delay
(MCU delay)



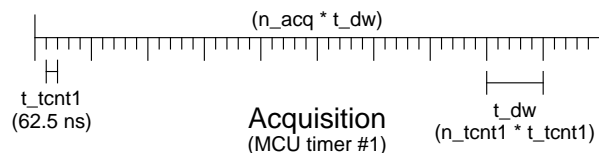
Precise Delay
(MCU timer #0)



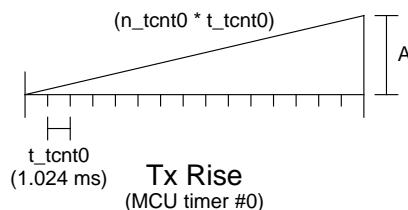
CCS Enable
(GPIO)



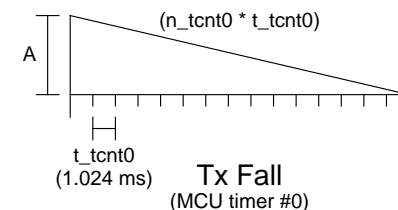
Relay Enable
(GPIO)



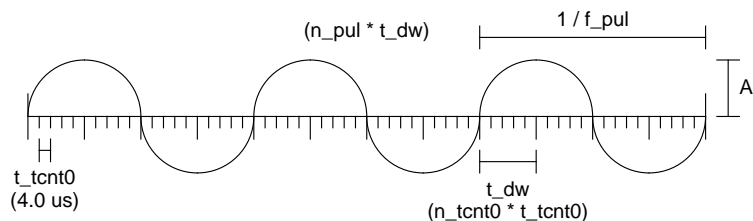
Acquisition
(MCU timer #1)



Tx Rise
(MCU timer #0)



Tx Fall
(MCU timer #0)



Tx Pulse
(MCU timer #0)

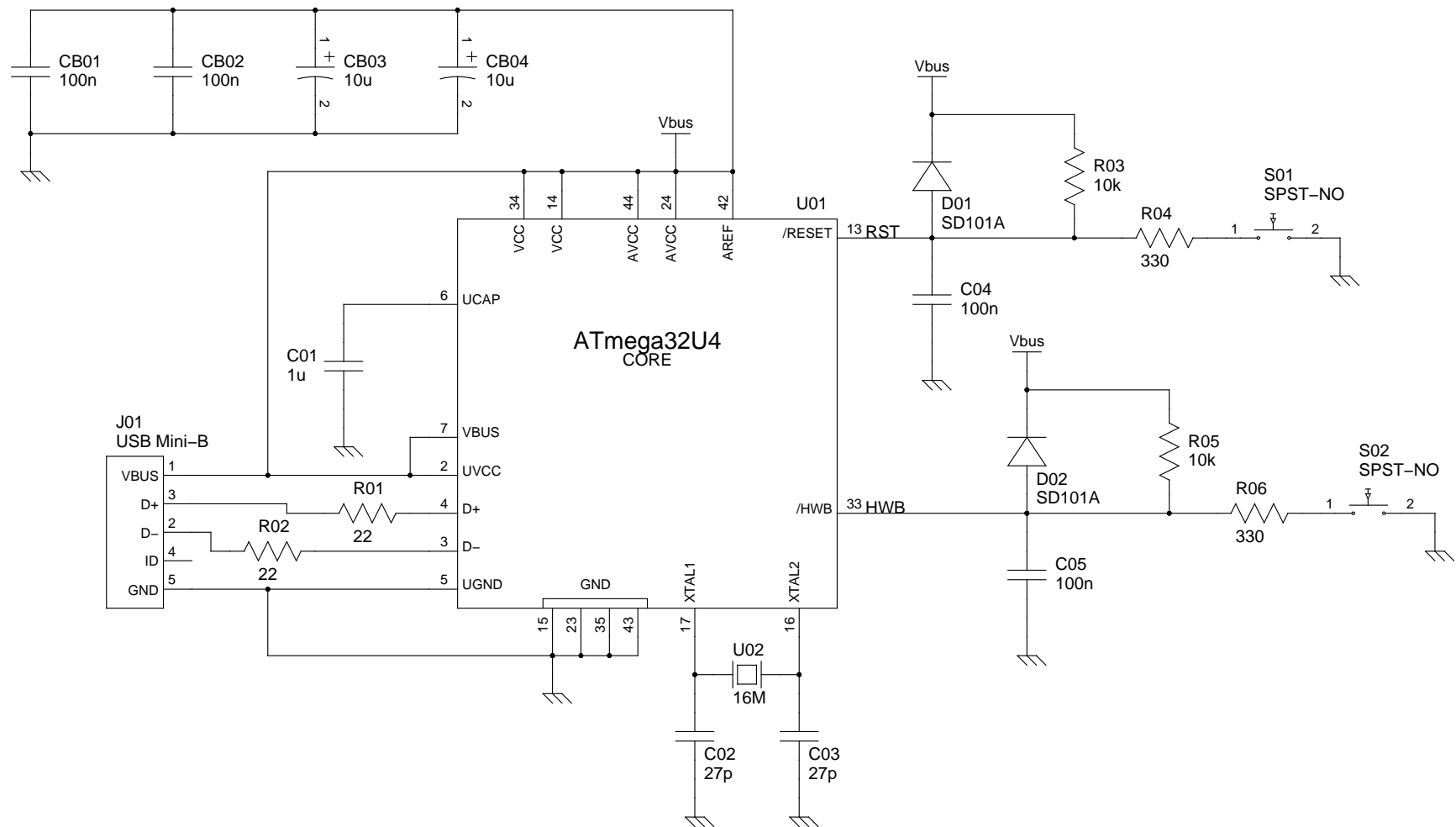
TITLE PPM | Pulse Program Elements

FILE: 02-pulprog.sch

REVISION: 2.2

PAGE 2 OF 23

DRAWN BY: Bradley Worley



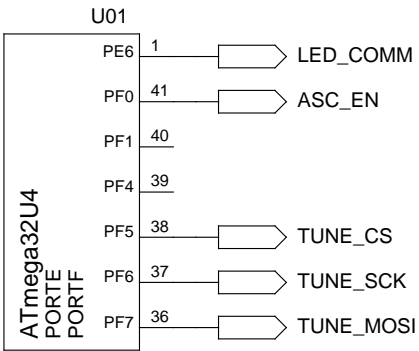
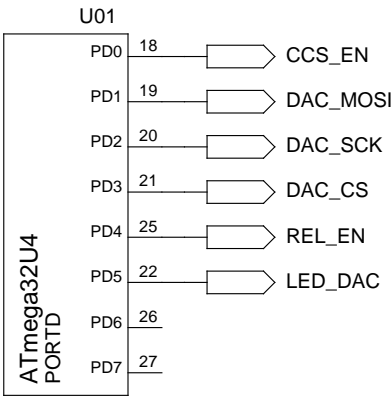
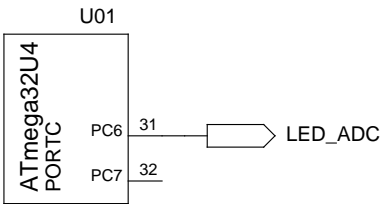
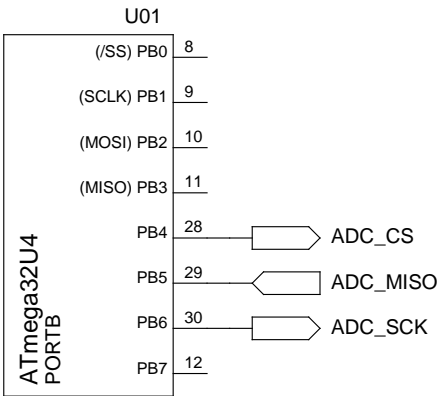
TITLE PPM | Microcontroller Core

FILE: 03-mcu-core.sch

REVISION: 2.2

PAGE 3 OF 23

DRAWN BY: Bradley Worley



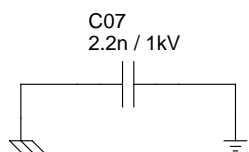
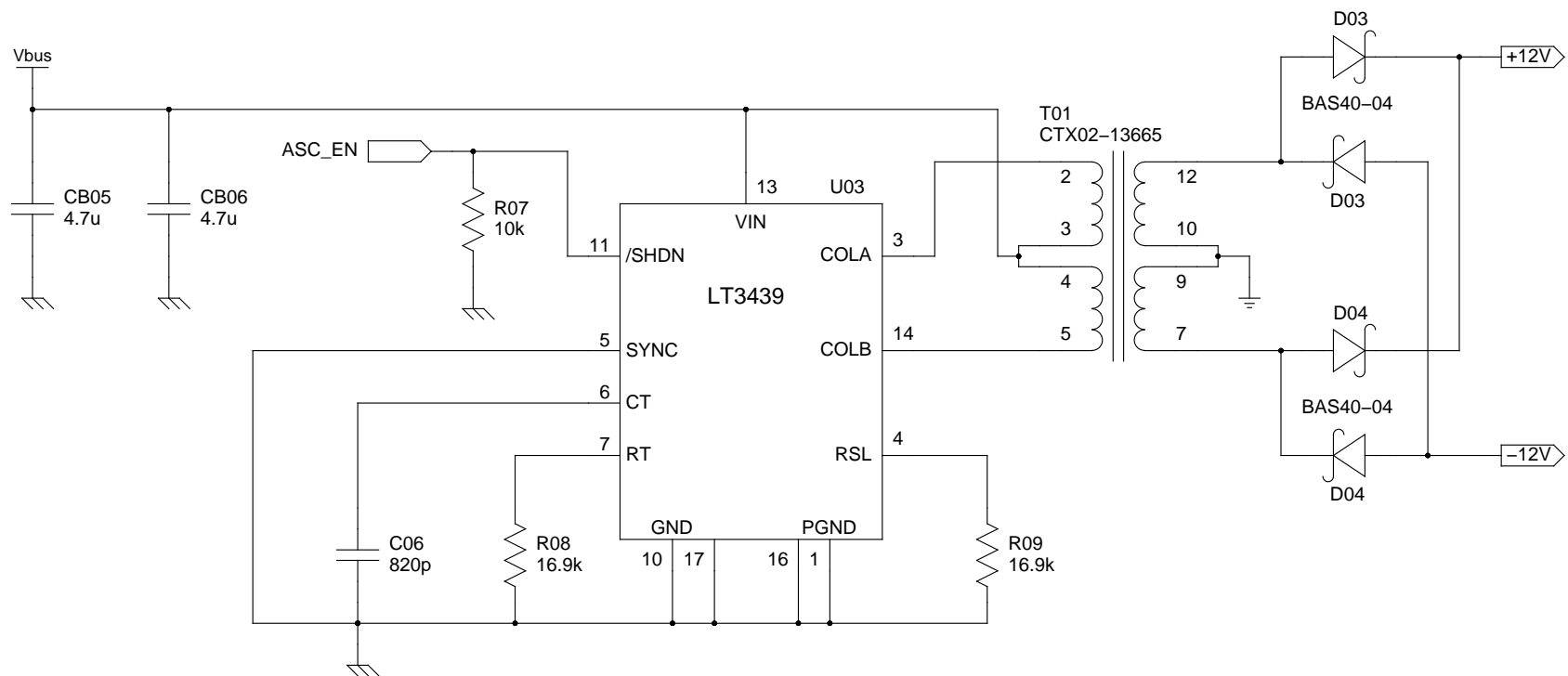
TITLE **PPM | Microcontroller I/O Ports**

FILE: 04-mcu-ports.sch

REVISION: 2.2

PAGE 4 OF 23

DRAWN BY: Bradley Worley



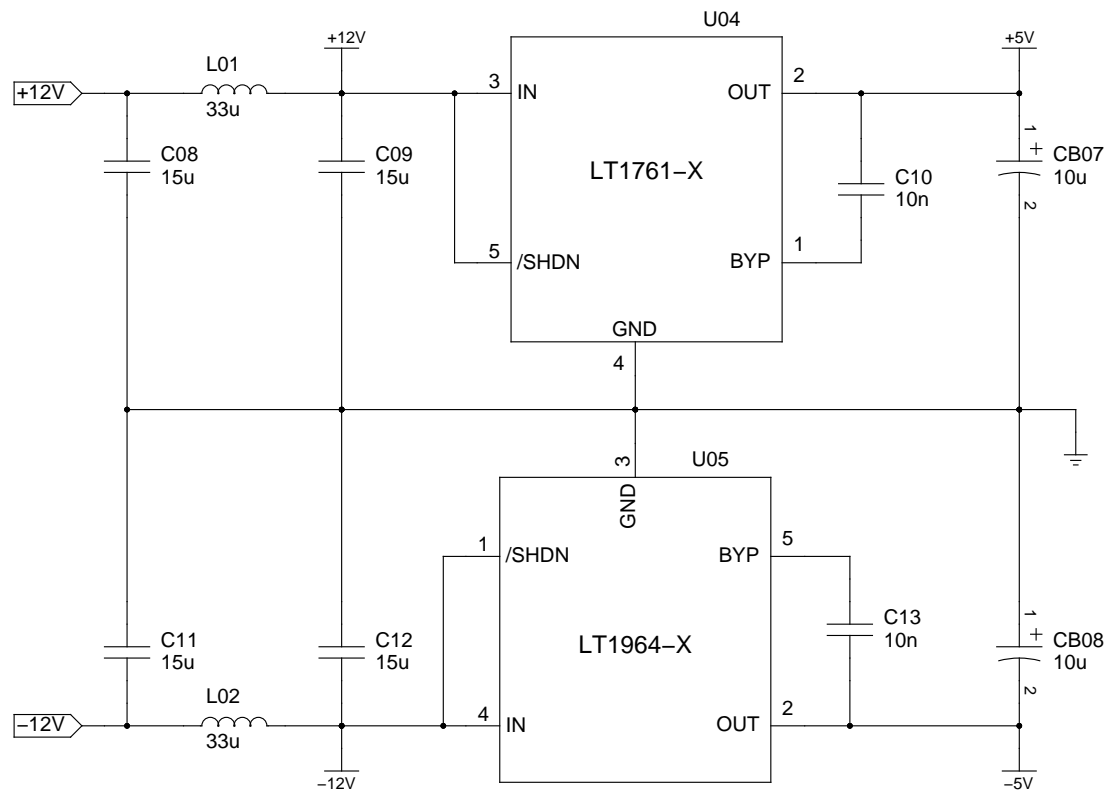
TITLE **PPM | DC/DC Transformer Driver**

FILE: 05-dcdc.sch

REVISION: 2.2

PAGE **5** OF **23**

DRAWN BY: Bradley Worley



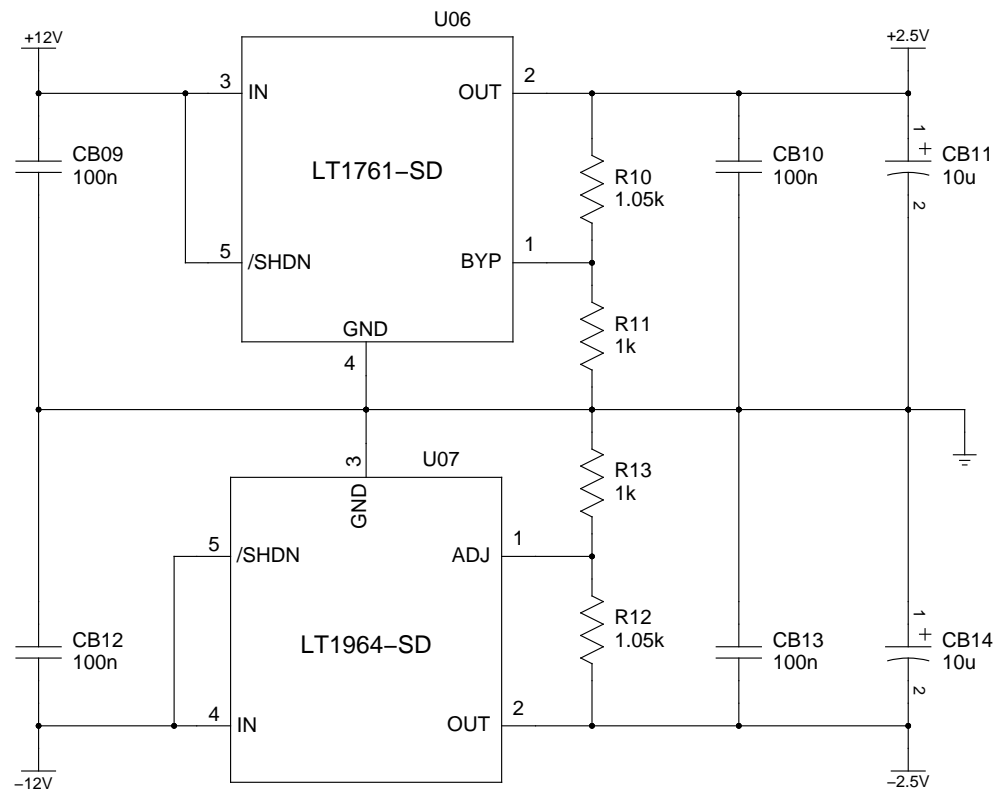
TITLE **PPM | +/- 5.0 V Low-noise Regulators**

FILE: 06-ldo-5.0v.sch

REVISION: 2.2

PAGE **6** OF **23**

DRAWN BY: Bradley Worley



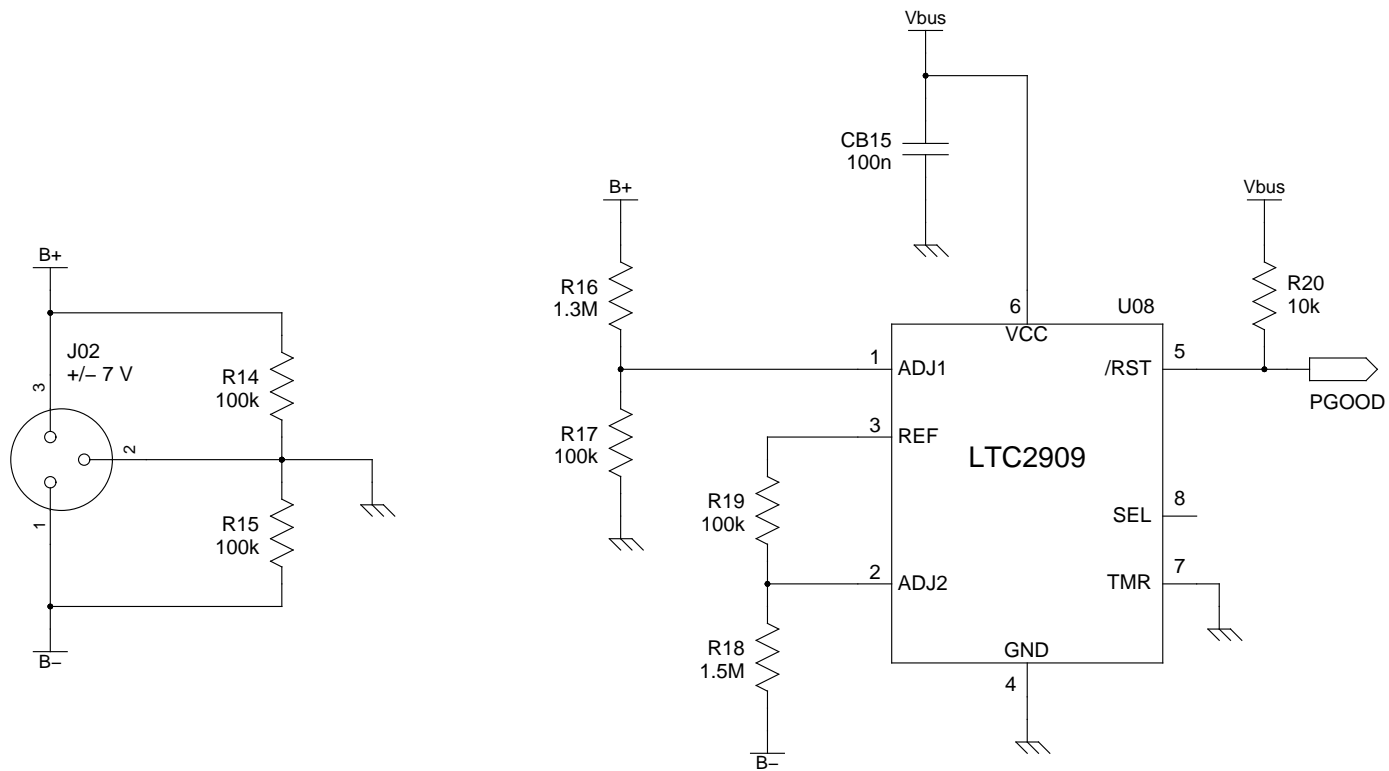
TITLE **PPM | +/- 2.5 V Low-noise Regulators**

FILE: 07-Ido-2.5v.sch

REVISION: 2.2

PAGE **7** OF **23**

DRAWN BY: Bradley Worley



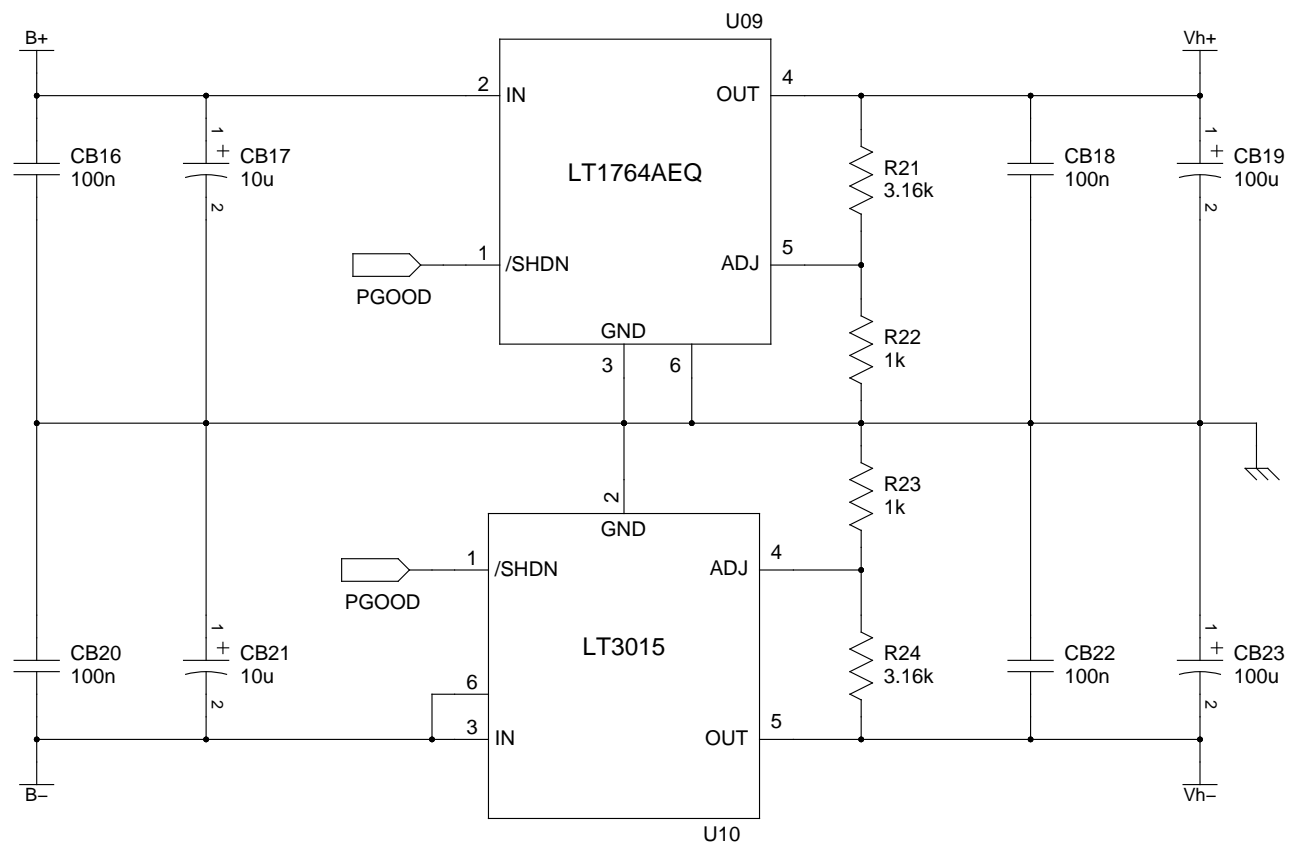
TITLE **PPM | ± 5.0 V High-current Supervisor**

FILE: 08-ldo-hc-1of2.sch

REVISION: 2.2

PAGE **8** OF **23**

DRAWN BY: Bradley Worley



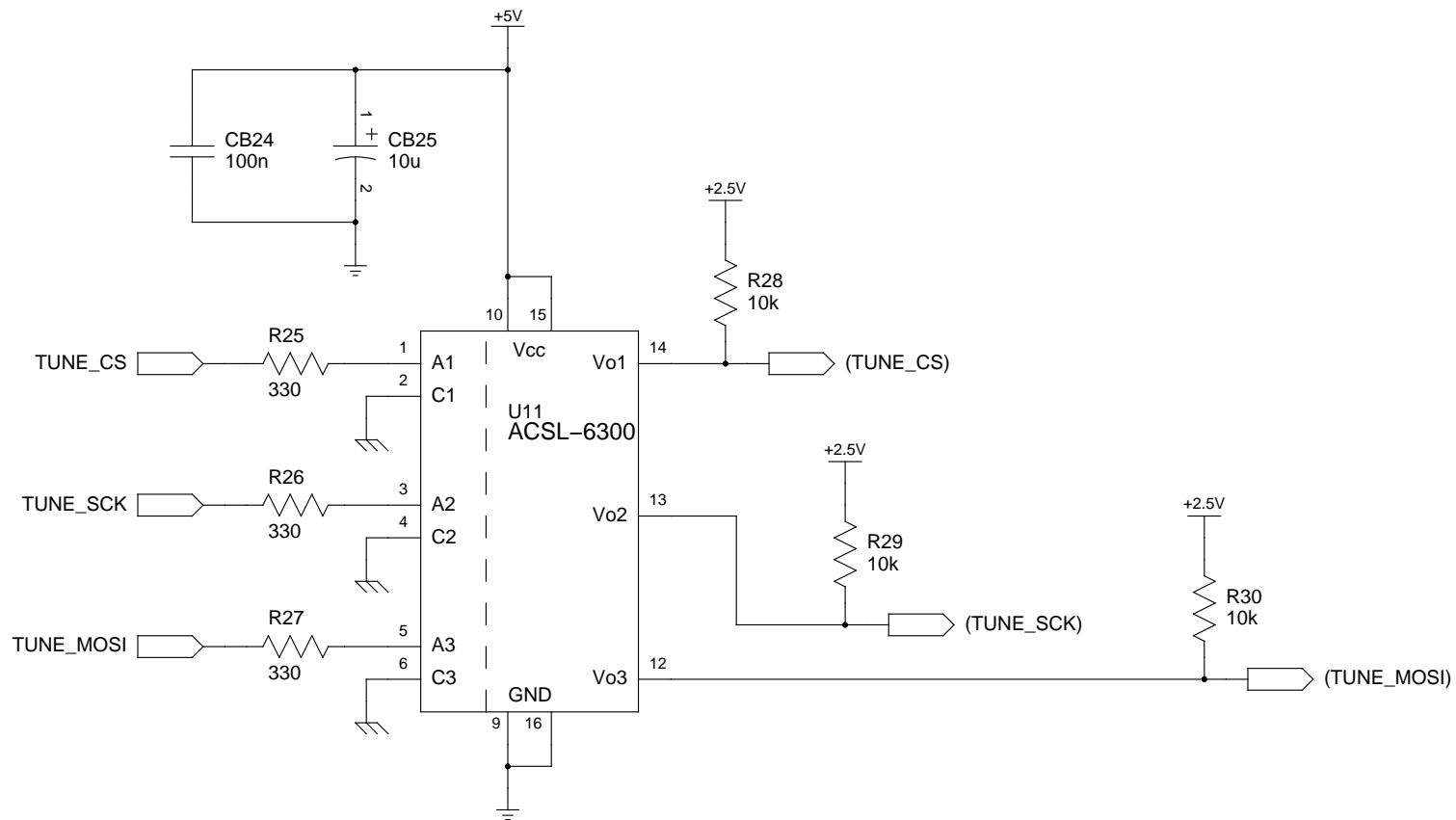
TITLE **PPM | +/- 5.0 V High-current Regulators**

FILE: 09-ldo-hc-2of2.sch

REVISION: 2.2

PAGE 9 OF 23

DRAWN BY: Bradley Worley



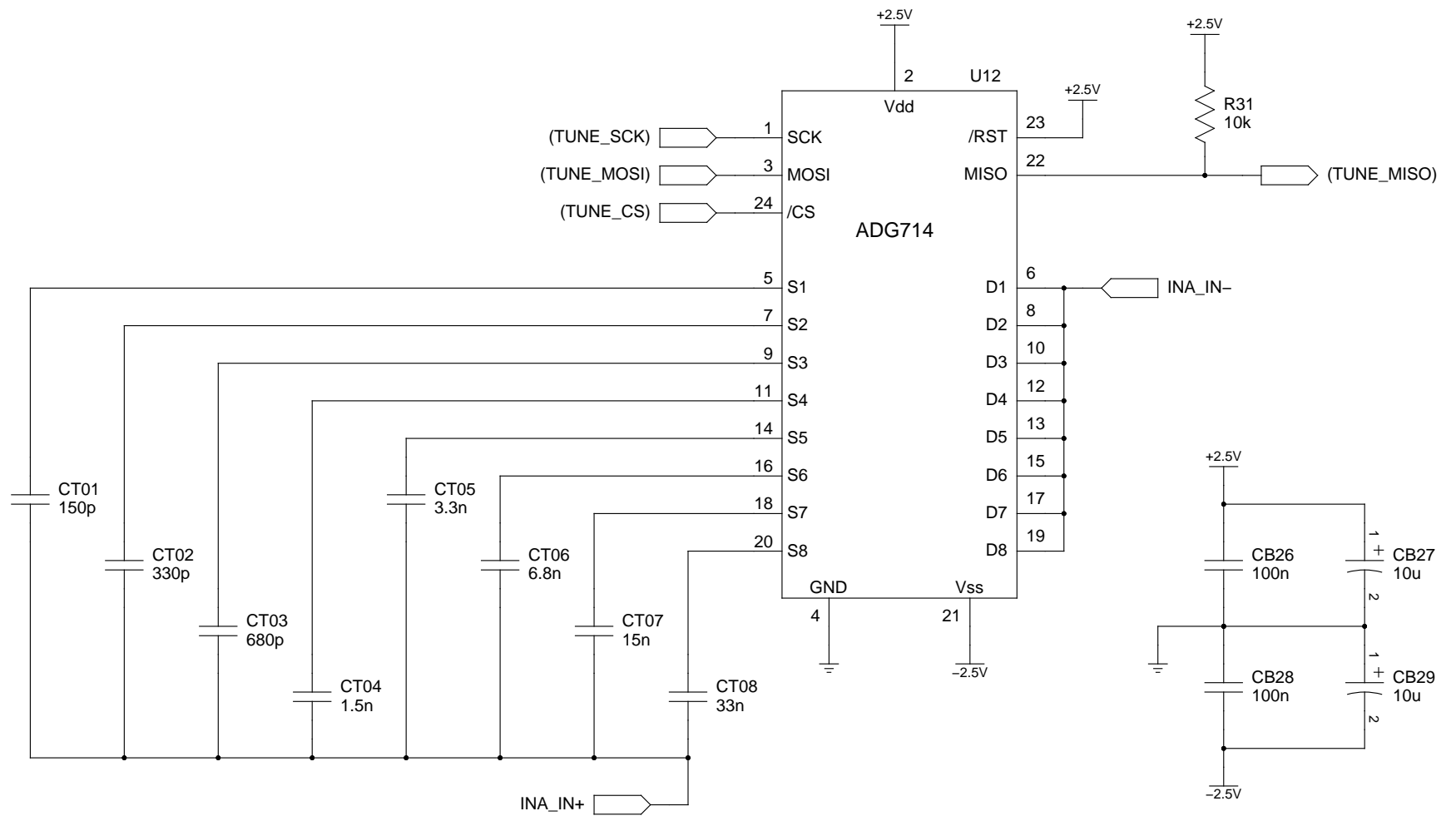
TITLE PPM | Tuning Optoisolator

FILE: 10-iso.sch

REVISION: 2.2

PAGE 10 OF 23

DRAWN BY: Bradley Worley



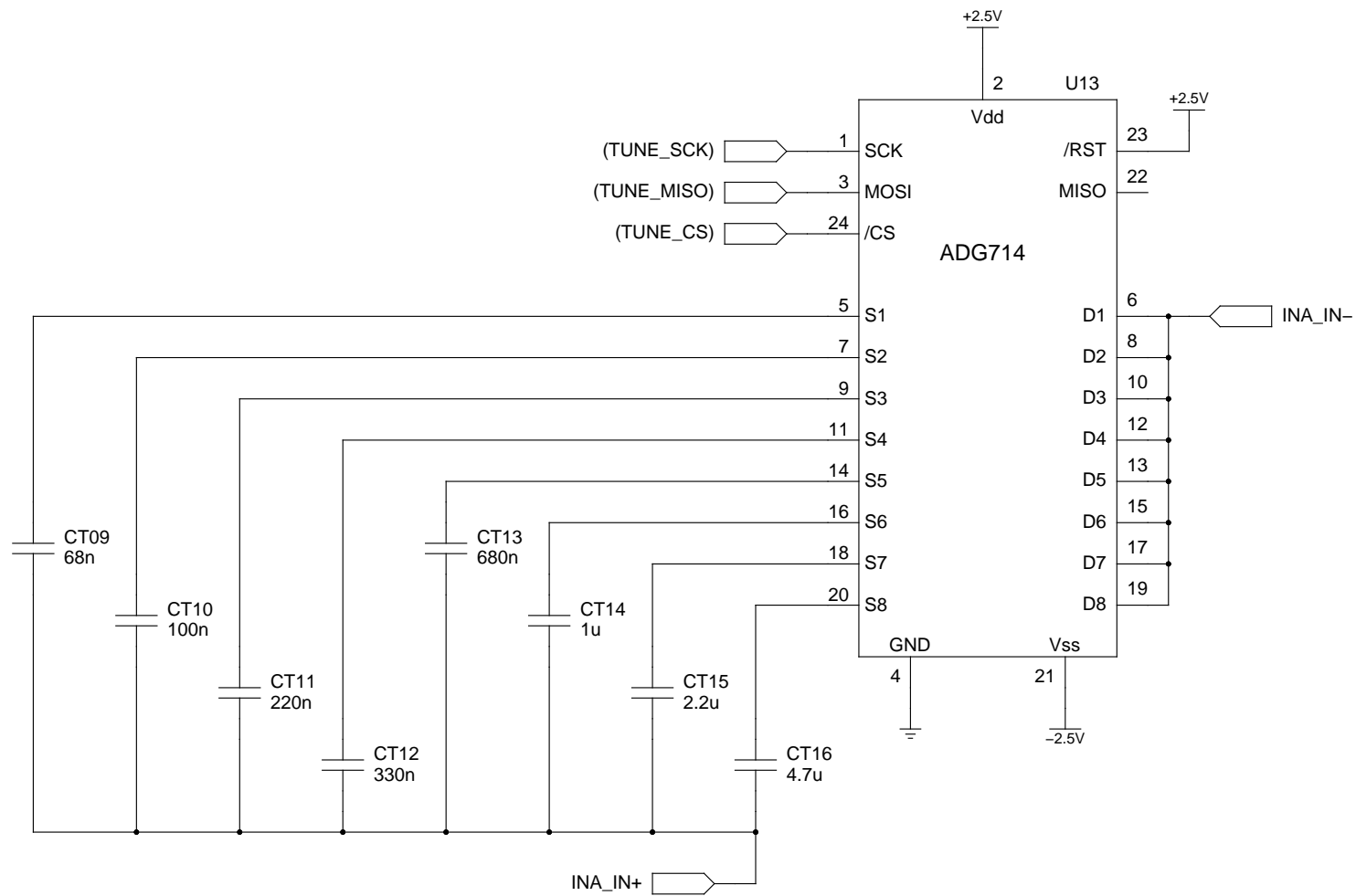
TITLE PPM | Tuning Capacitor Bank 1/2

FILE: 11-asc-tune-1of2.sch

REVISION: 2.2

PAGE 11 OF 23

DRAWN BY: Bradley Worley



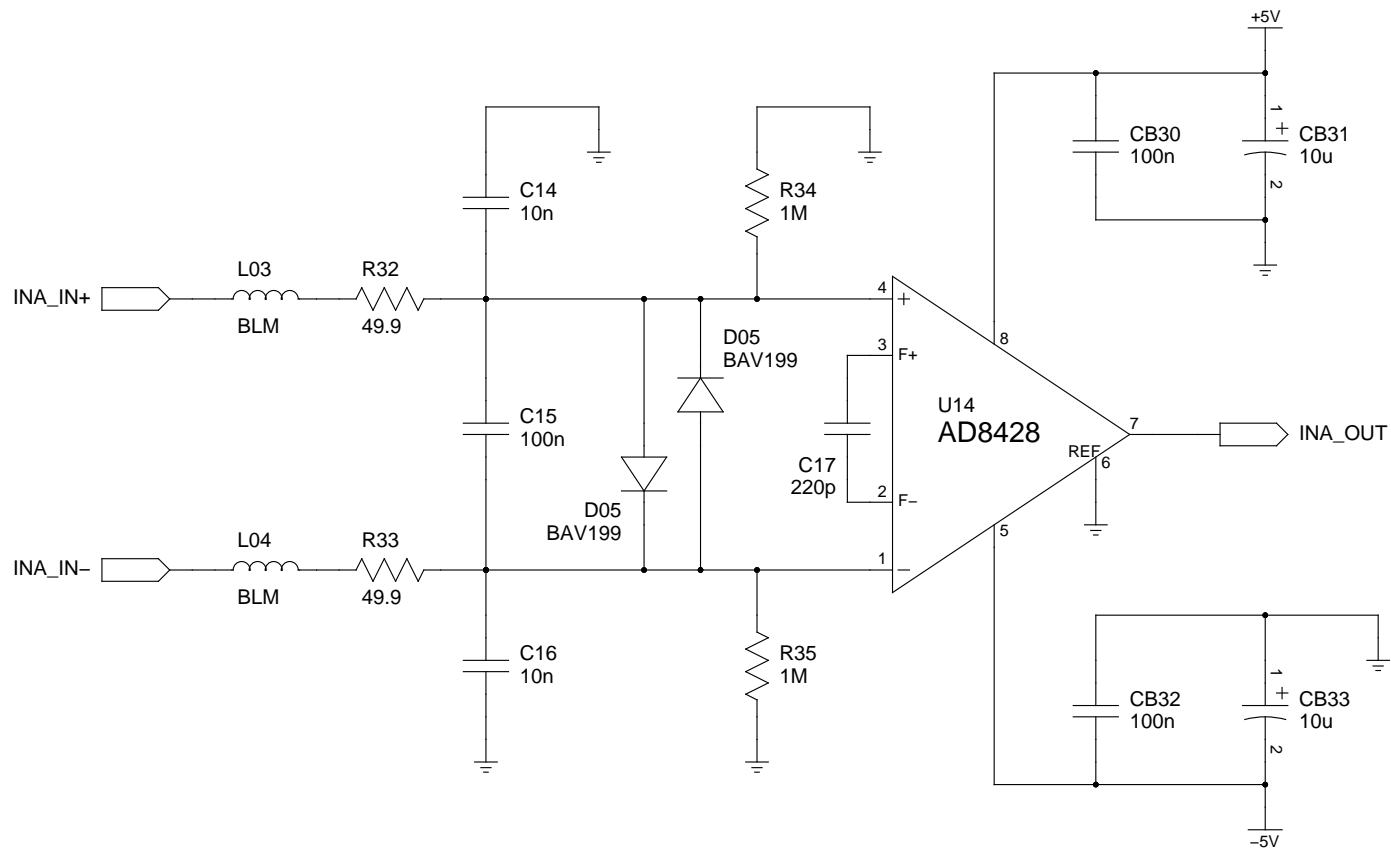
TITLE PPM | Tuning Capacitor Bank 2/2

FILE: 12-asc-tune-2of2.sch

REVISION: 2.2

PAGE 12 OF 23

DRAWN BY: Bradley Worley



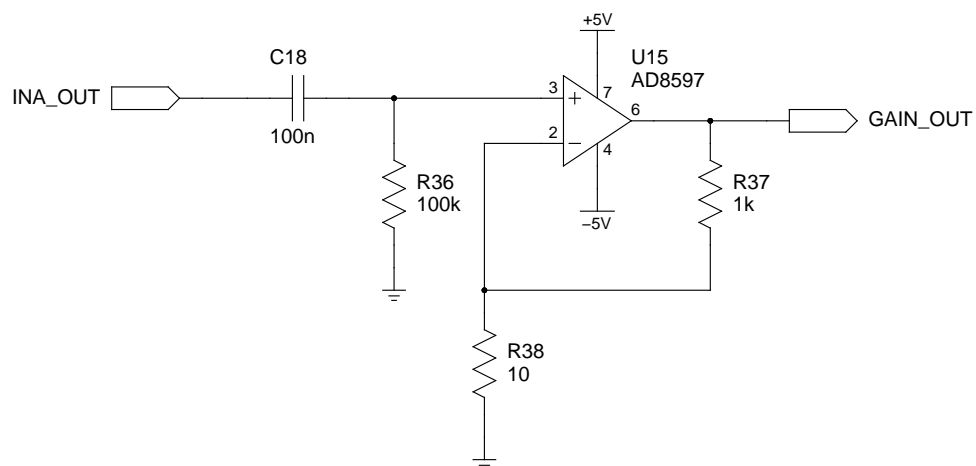
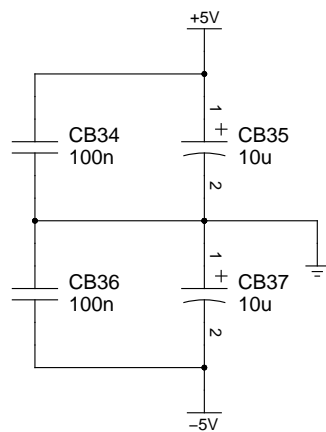
TITLE PPM | Instrumentation Amplifier

FILE: 13-asc-ina.sch

REVISION: 2.2

PAGE 13 OF 23

DRAWN BY: Bradley Worley



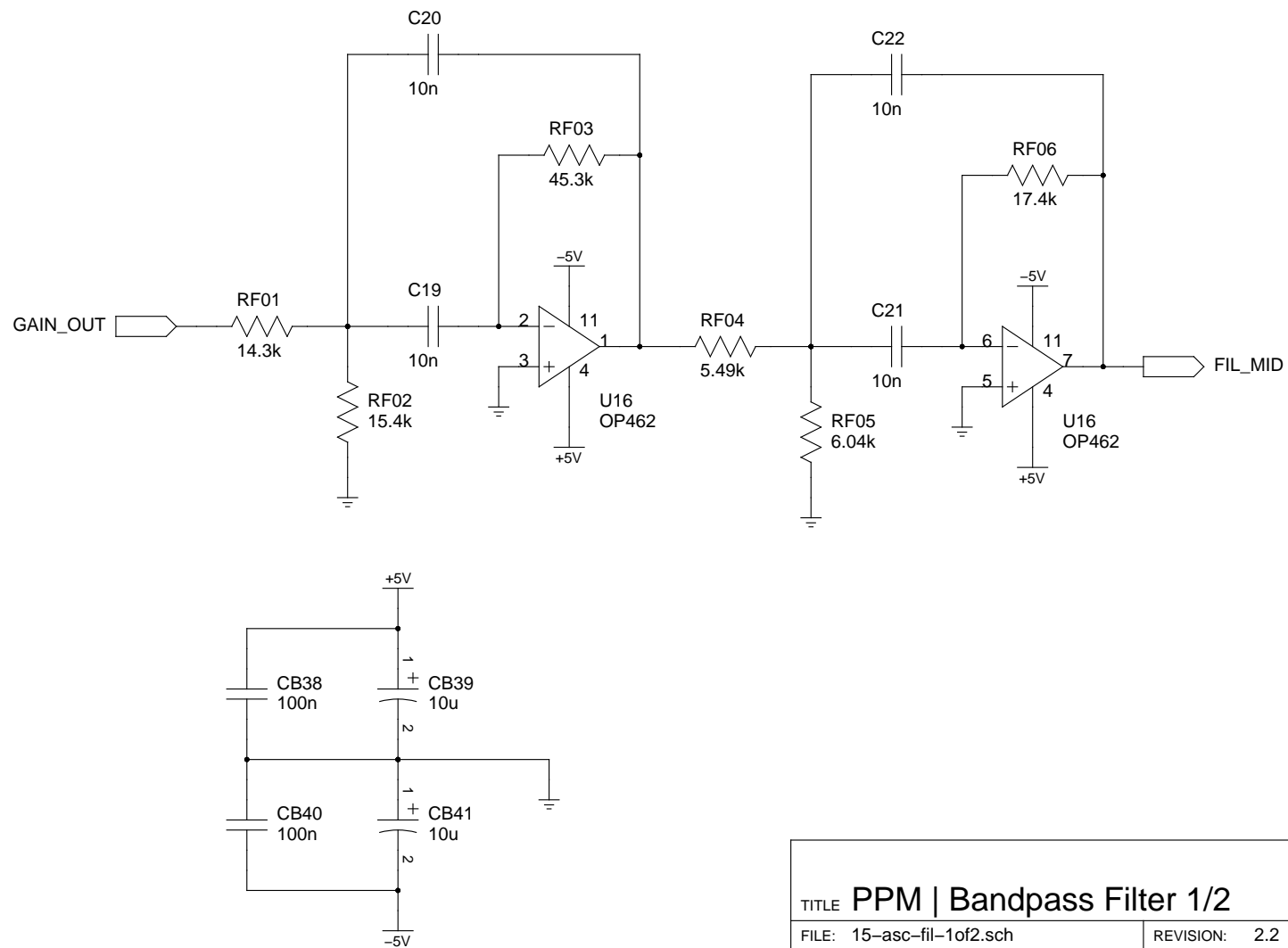
TITLE PPM | Inverting Gain Stage

FILE: 14-asc-gain.sch

REVISION: 2.2

PAGE 14 OF 23

DRAWN BY: Bradley Worley



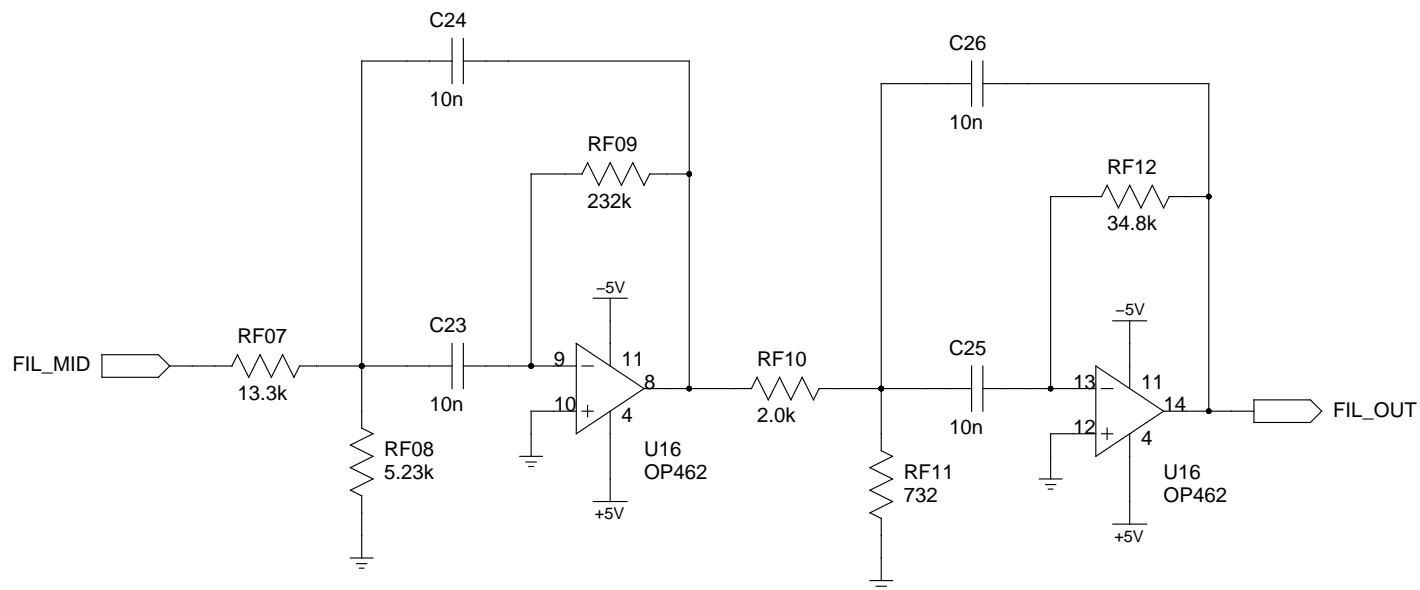
TITLE **PPM | Bandpass Filter 1/2**

FILE: 15-asc-fil-1of2.sch

REVISION: 2.2

PAGE 15 OF 23

DRAWN BY: Bradley Worley



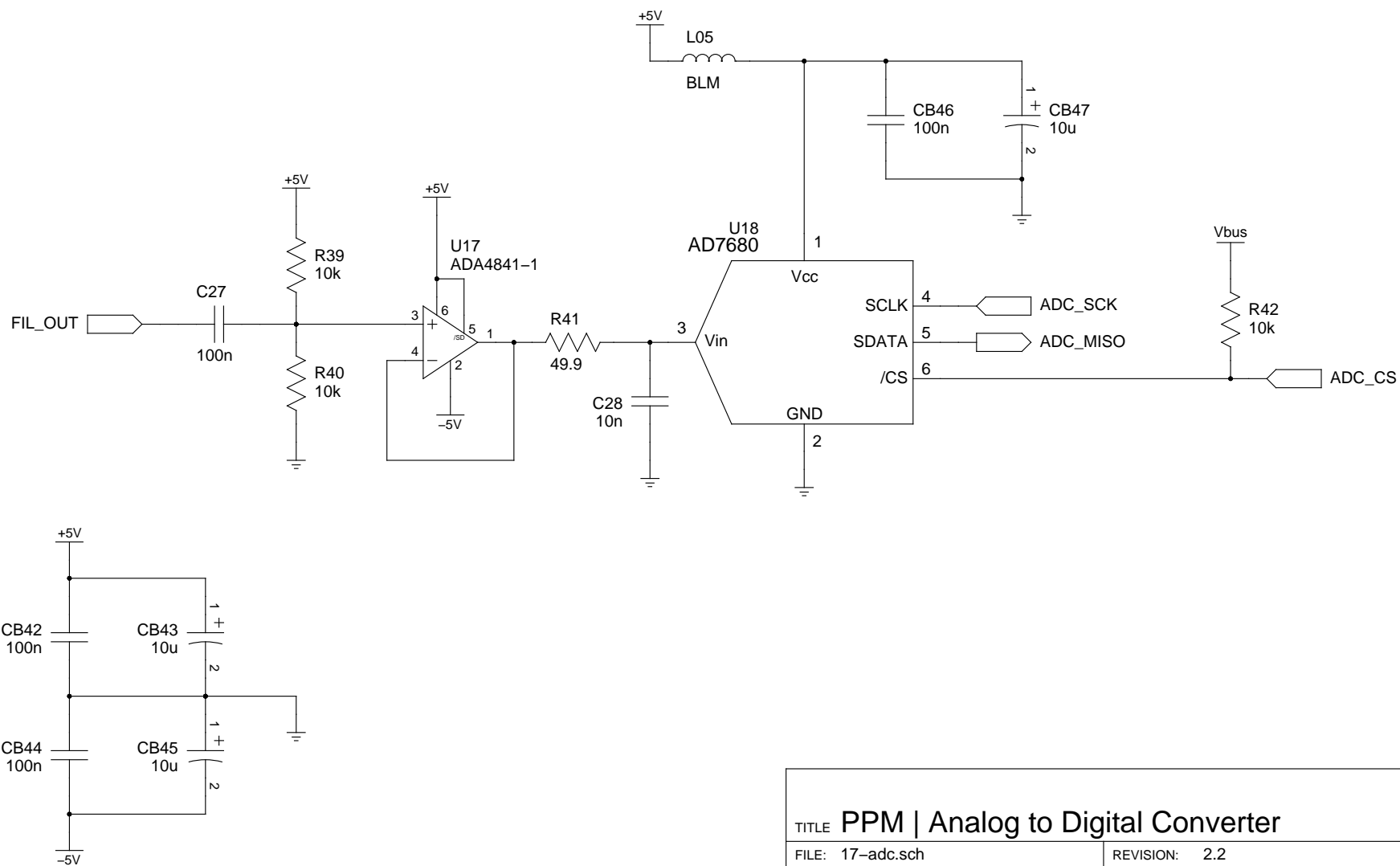
TITLE **PPM | Bandpass Filter 2/2**

FILE: 16-asc-fil-2of2.sch

REVISION: 2.2

PAGE 16 OF 23

DRAWN BY: Bradley Worley



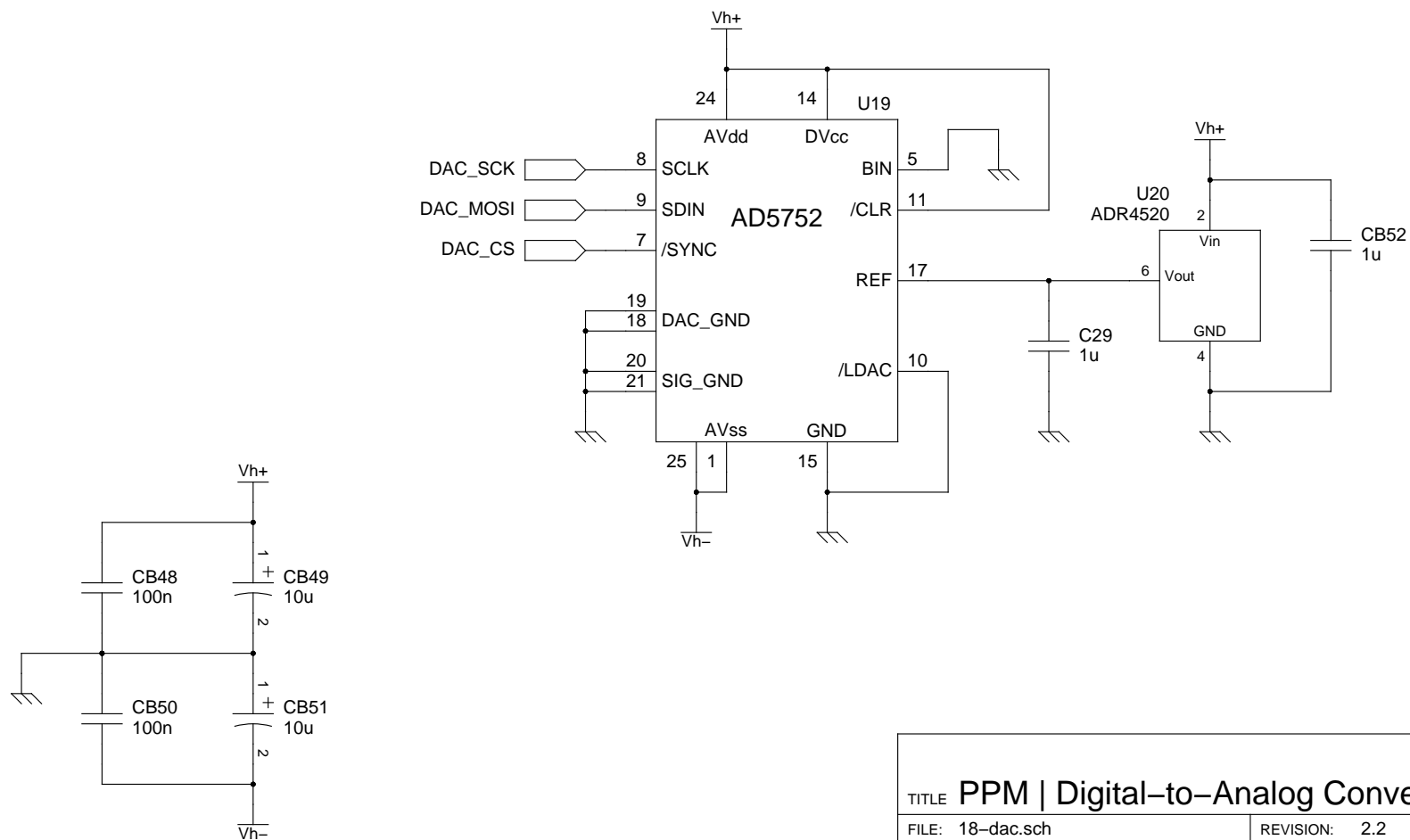
PPM | Analog to Digital Converter

FILE: 17-adc.sch

REVISION: 2.2

PAGE 17 OF 23

DRAWN BY: Bradley Worley



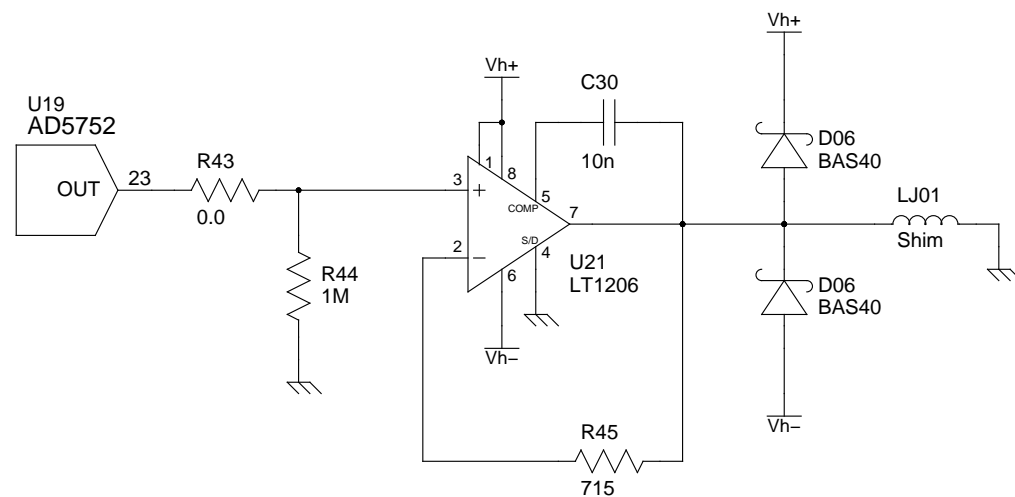
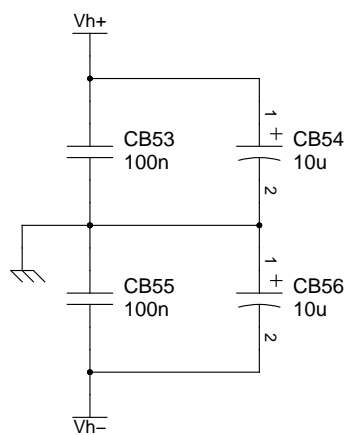
TITLE **PPM | Digital-to-Analog Converter**

FILE: 18-dac.sch

REVISION: 2.2

PAGE 18 OF 23

DRAWN BY: Bradley Worley



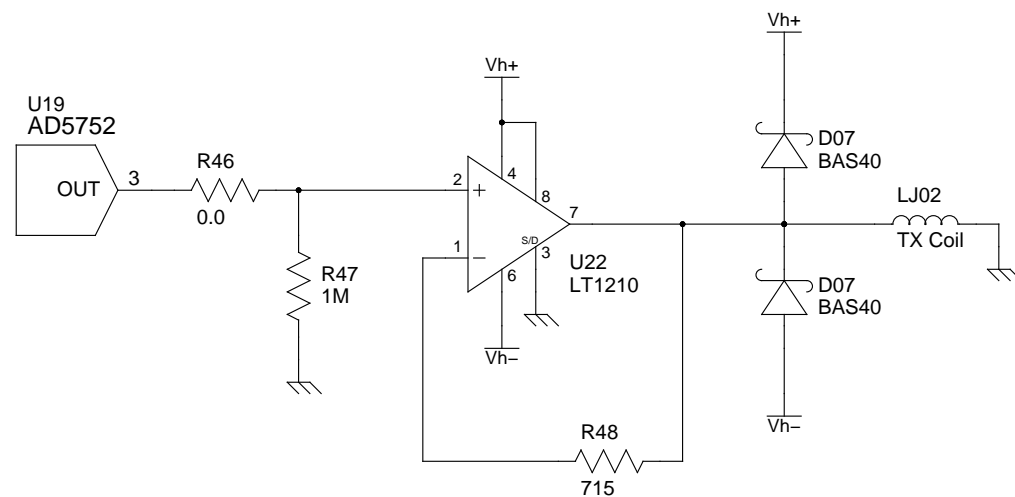
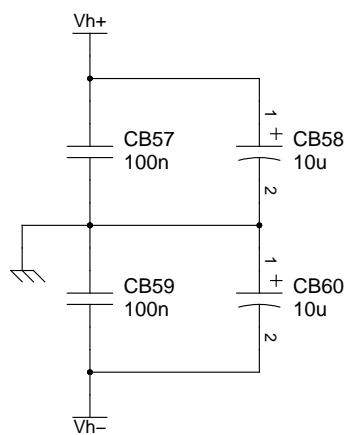
TITLE PPM | Shim Output Buffer

FILE: 19-buf-shim.sch

REVISION: 2.2

PAGE 19 OF 23

DRAWN BY: Bradley Worley



TITLE **PPM | Transmit Output Buffer**

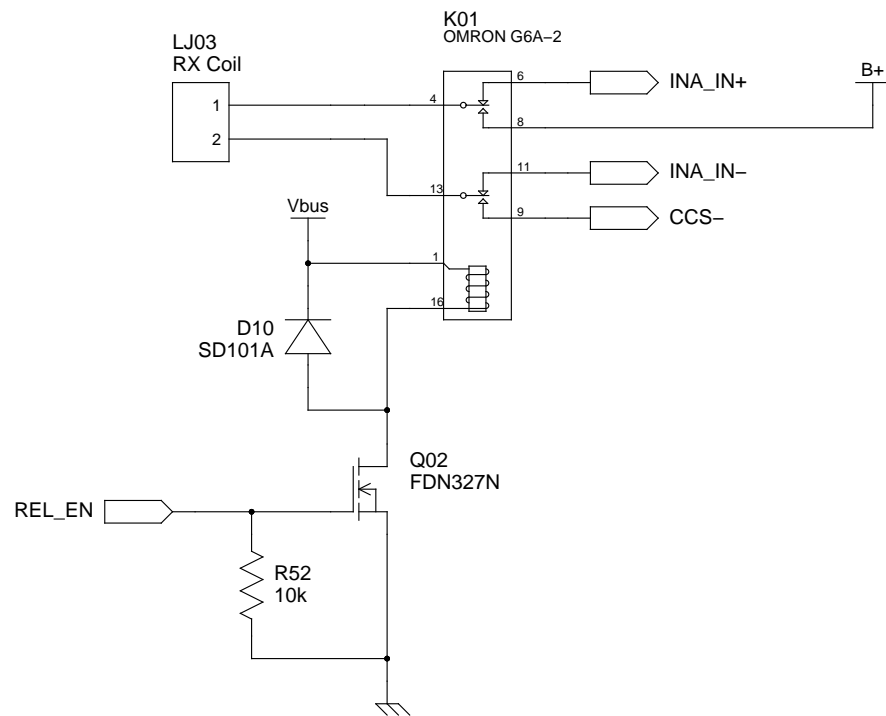
FILE: 20-buf-tx.sch

REVISION: 2.2

PAGE 20 OF 23

DRAWN BY: Bradley Worley

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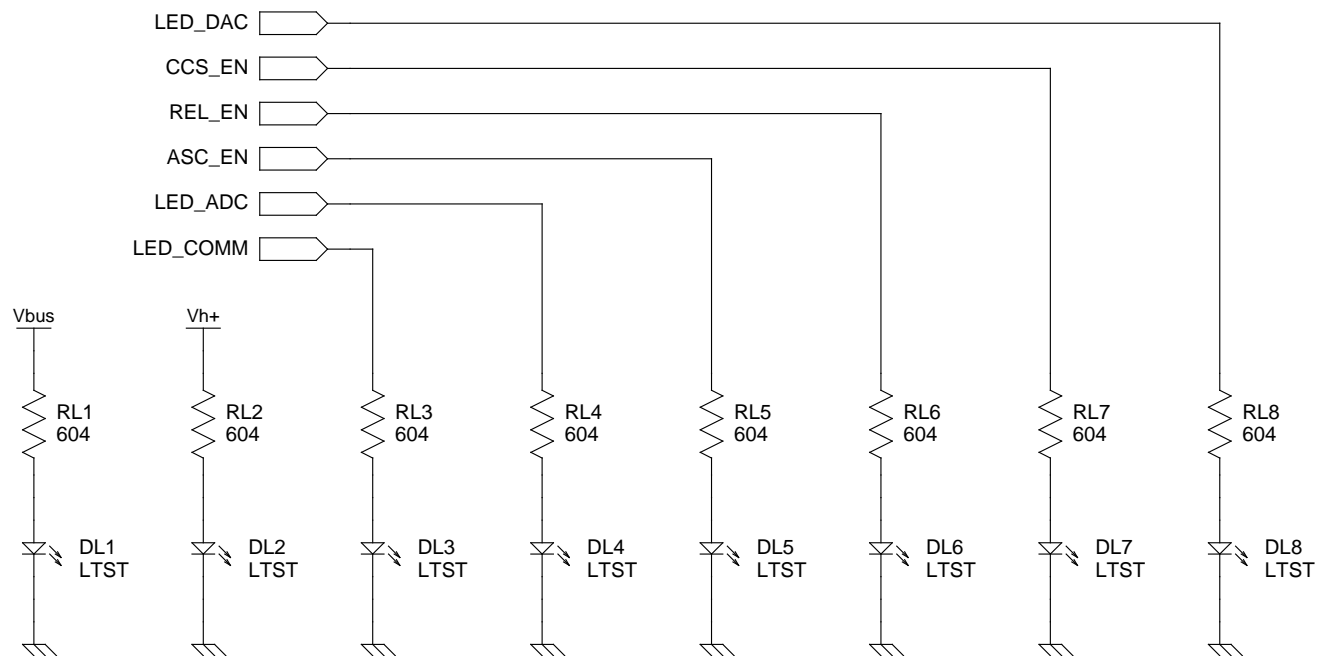
TITLE **PPM | Relay**

FILE: 22-relay.sch

REVISION: 2.2

PAGE 22 OF 23

DRAWN BY: Bradley Worley



TITLE **PPM | LED Status Indicators**

FILE: 23-leds.sch

REVISION: 2.2

PAGE 23 OF 23

DRAWN BY: Bradley Worley