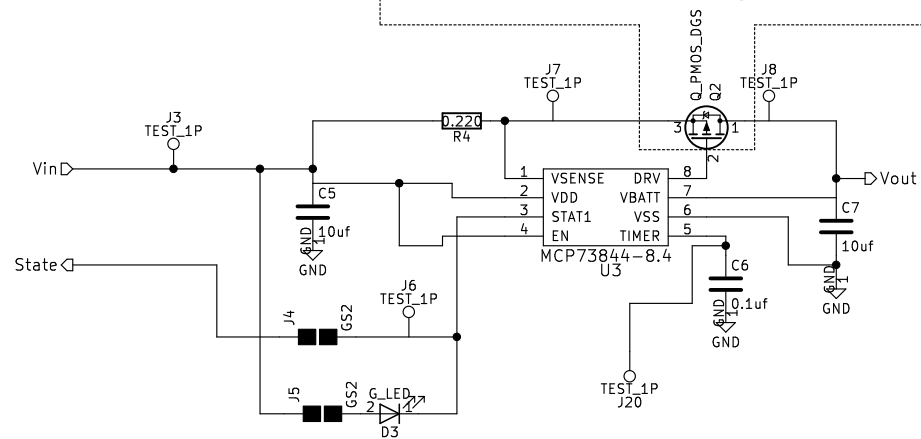


make footprint & simbol for nds8434
review datasheet charger



Sheet: /pp_charger/
File: pp_charger.sch

Title:

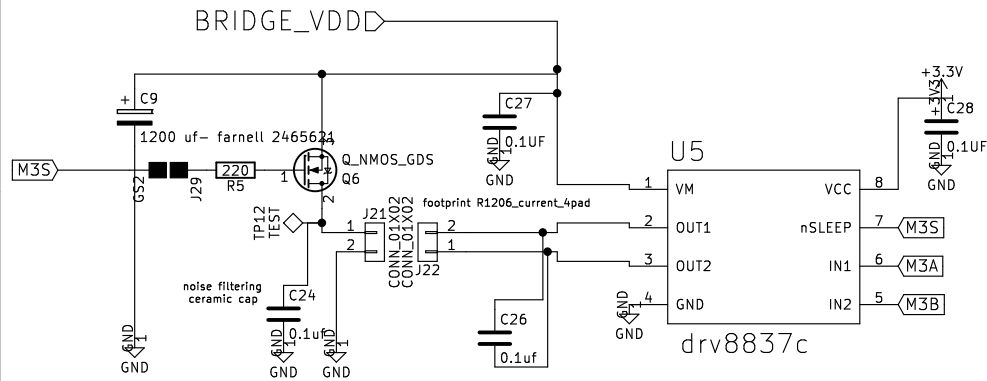
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Date:

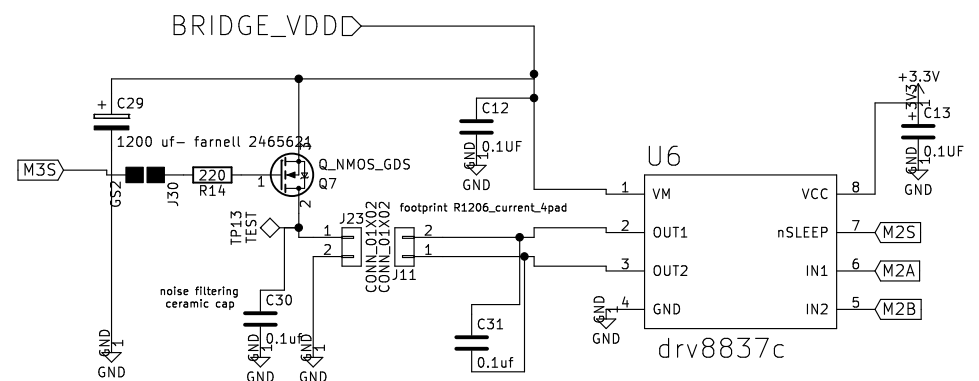
Rev:
Id: 2/8

MAX CURRENT 1A per channel– consider discrete components hbridge for lower cost

VACUM MOTOR



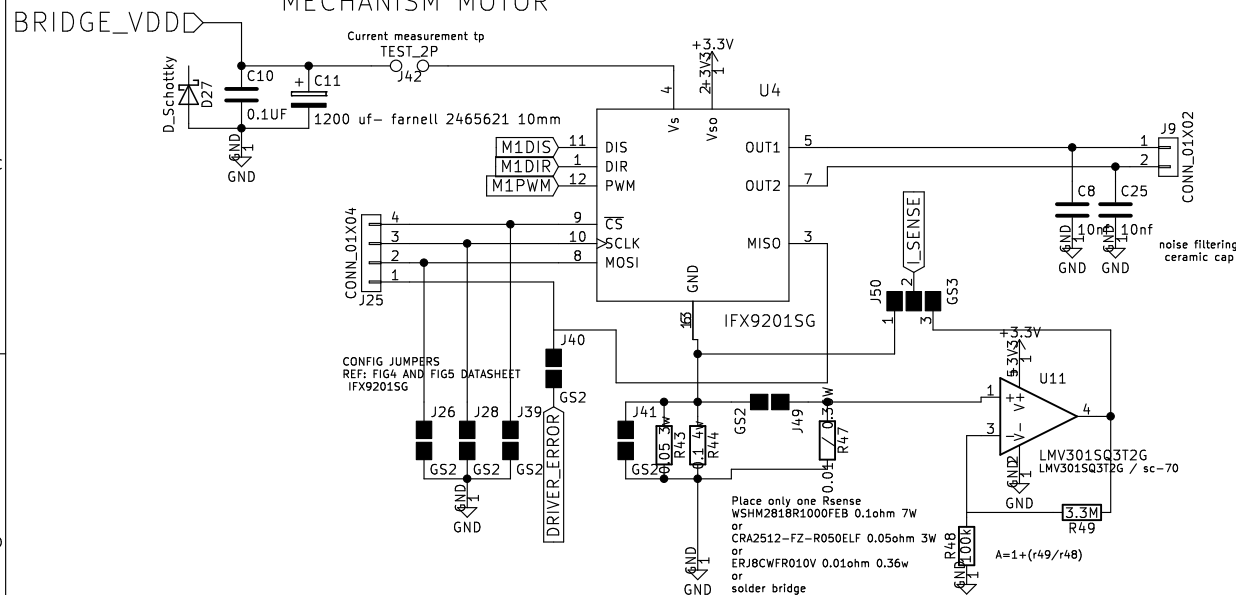
PUMP MOTOR



PLACE ONLY MOSFETS
or DRIVERS, not both.

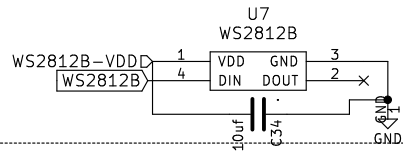
PLACE ONLY MOSFETS
or DRIVERS, not both.

MECHANISM MOTOR



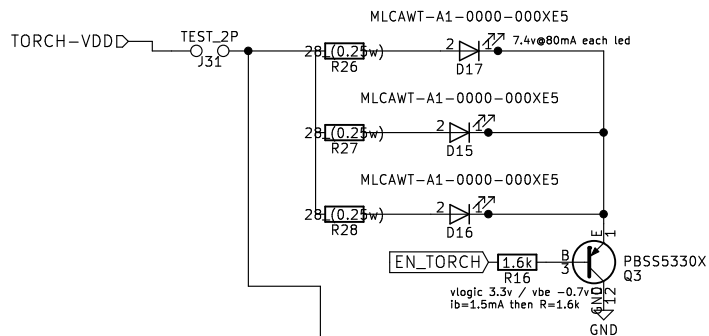
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Size: A4	Date:
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STATUS RGB LED



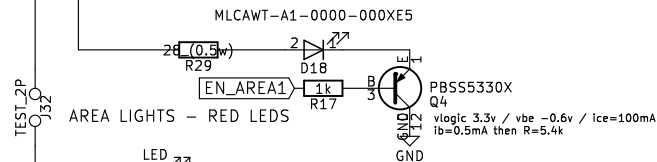
Limiting resistors

2 LEDS PACKAGES. 6.4V -7V when wired in series

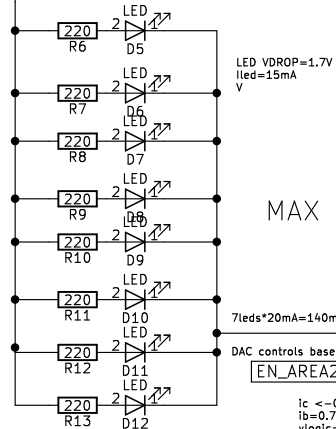


AREALIGHTS_VDD

ONE HIGH BRITHNES LED - FOR TESTS

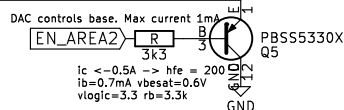


AREA LIGHTS - RED LEDS



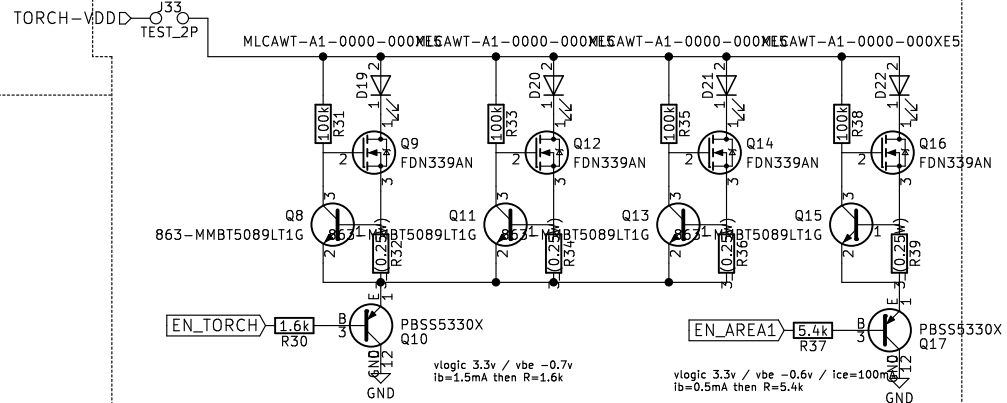
MAX current per led 20mA

7leds*20mA=140mA



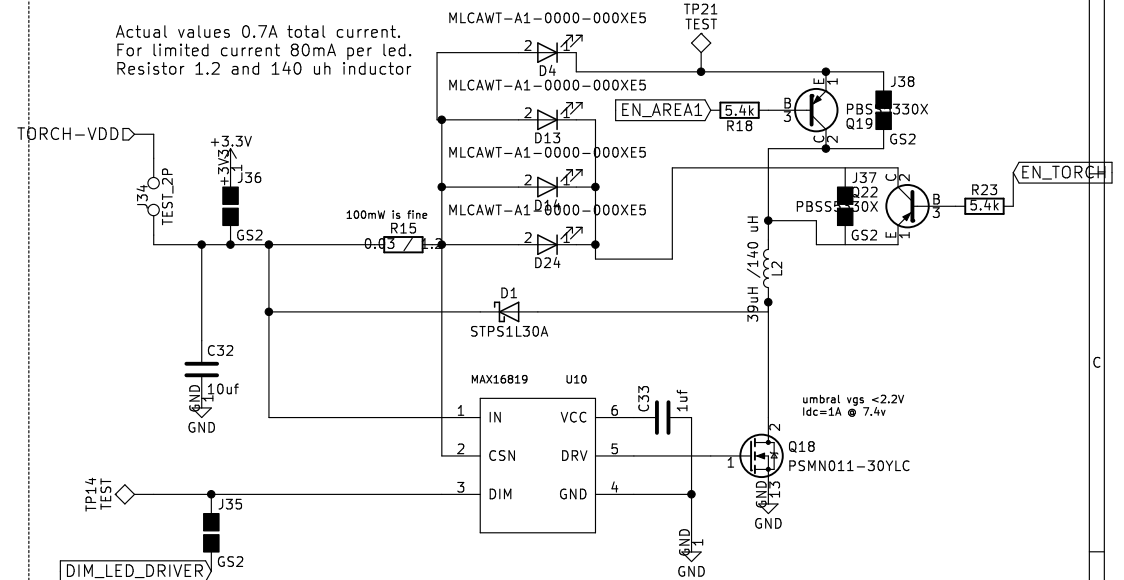
Discreete current driver

www.mouser.com/ds/2/308/FDN339AN-1123415.pdf



current control IC

Actual values 0.7A total current.
For limited current 80mA per led.
Resistor 1.2 and 140 uH inductor



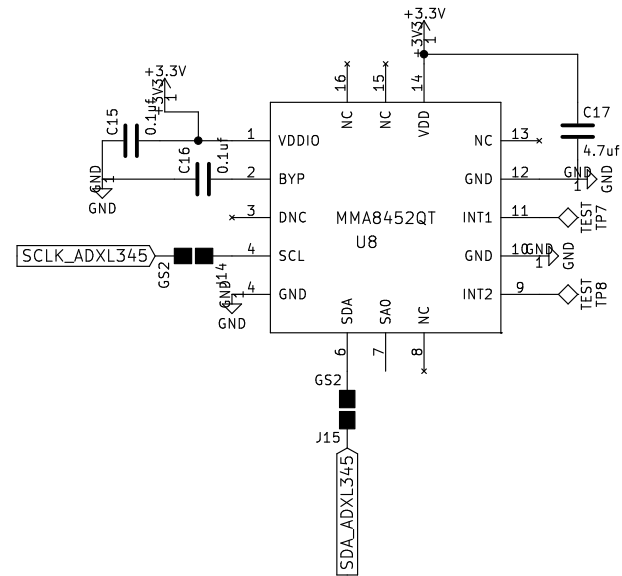
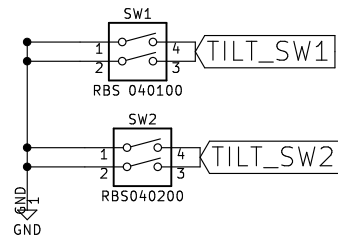
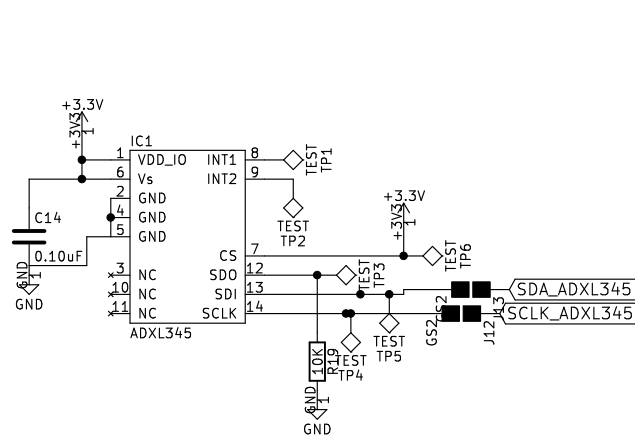
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File: pp_leds.sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 4.0.6

Rev:
Id: 4/8

GET QUOTATION FOR ADXL345 AND MMA8452QT



Guillem Cabo
melbot

Sheet: /pp_accel/
File: pp_accel.sch

Title: poppler

Size: A4 Date: 31/08/2017

KiCad E.D.A. kicad 4.0.6

Rev: 1

Id: 5/8



VIN 5V AND OUTPUT 12V IS 500mA

Sheet: /pp_boost/
File: pp_boost.sch

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Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.6		Id: 7/8

Title:		
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KiCad E.D.A. kicad 4.0.6		Id: 8/8

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.6		Id: 8/8

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.6		Id: 8/8