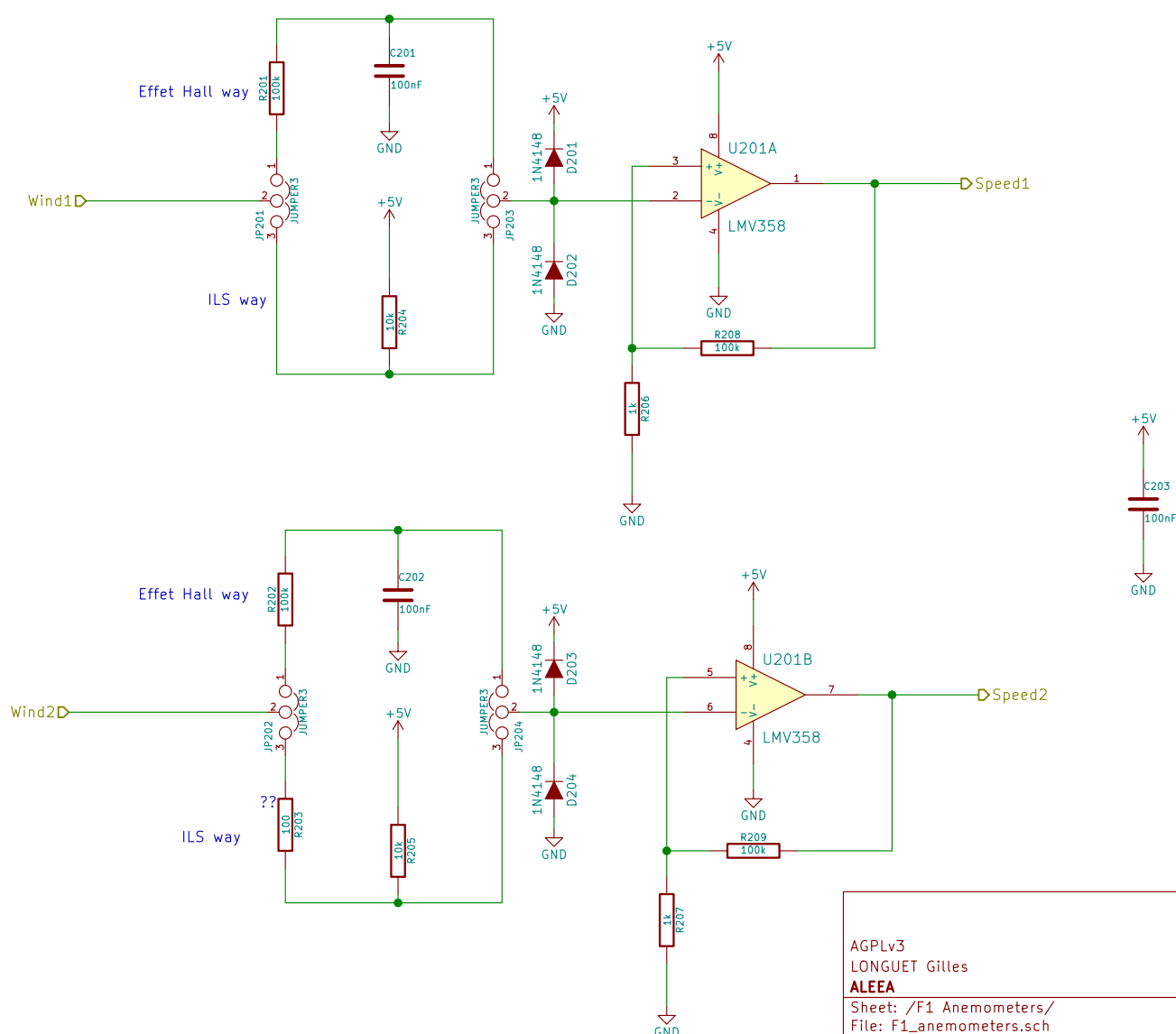


On this card it's possible to plug 2 anemometers.
For each, with 2 jumpers, select the good way : hall effect anemometer or ILS/open collector anemometers.



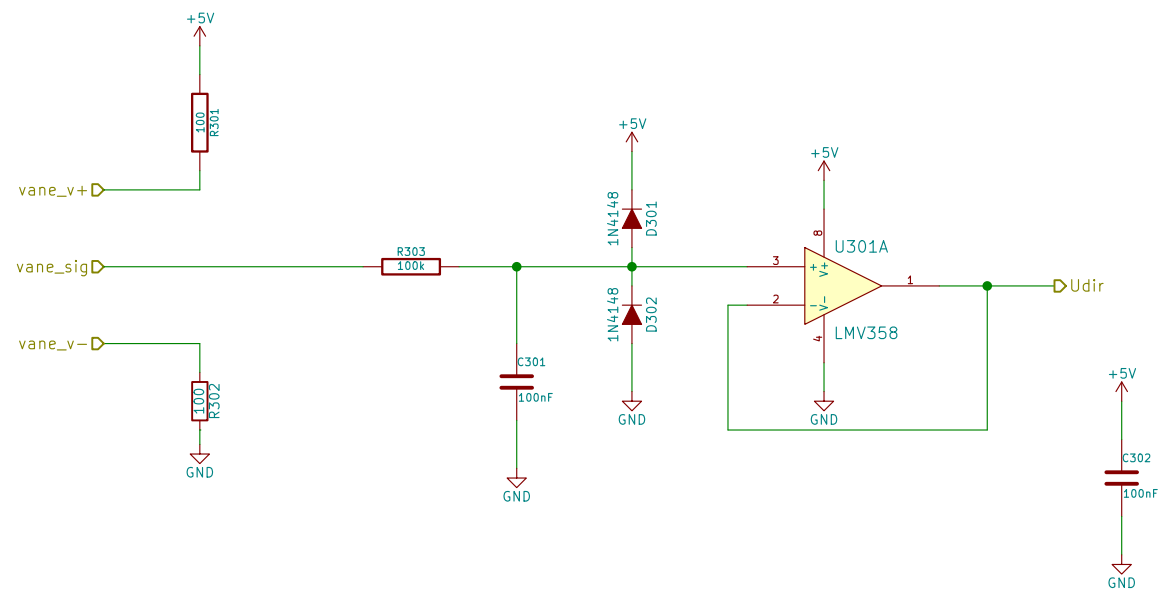
AGPLv3
LONGUET Gilles
ALEEA

Sheet: /F1 Anemometers/
File: F1_anemometers.sch

Title: Anemometer function

Size: A4	Date: 2016-10-16	Rev: A
KiCad E.D.A. kicad 4.0.2+dfsg1-2bpo8+1-stable		Id: 2/6

Convert the resistor valor from the windvane sensor in voltage. It will be convert in degree by the microcontroler.



The two 100 Ohms resistors are the blink band from the windvane. With these we can't have short circuit between supply in the blink band.

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Sheet: /F2_windvane/
 File: F2_windvane.sch

Title: Windvane function

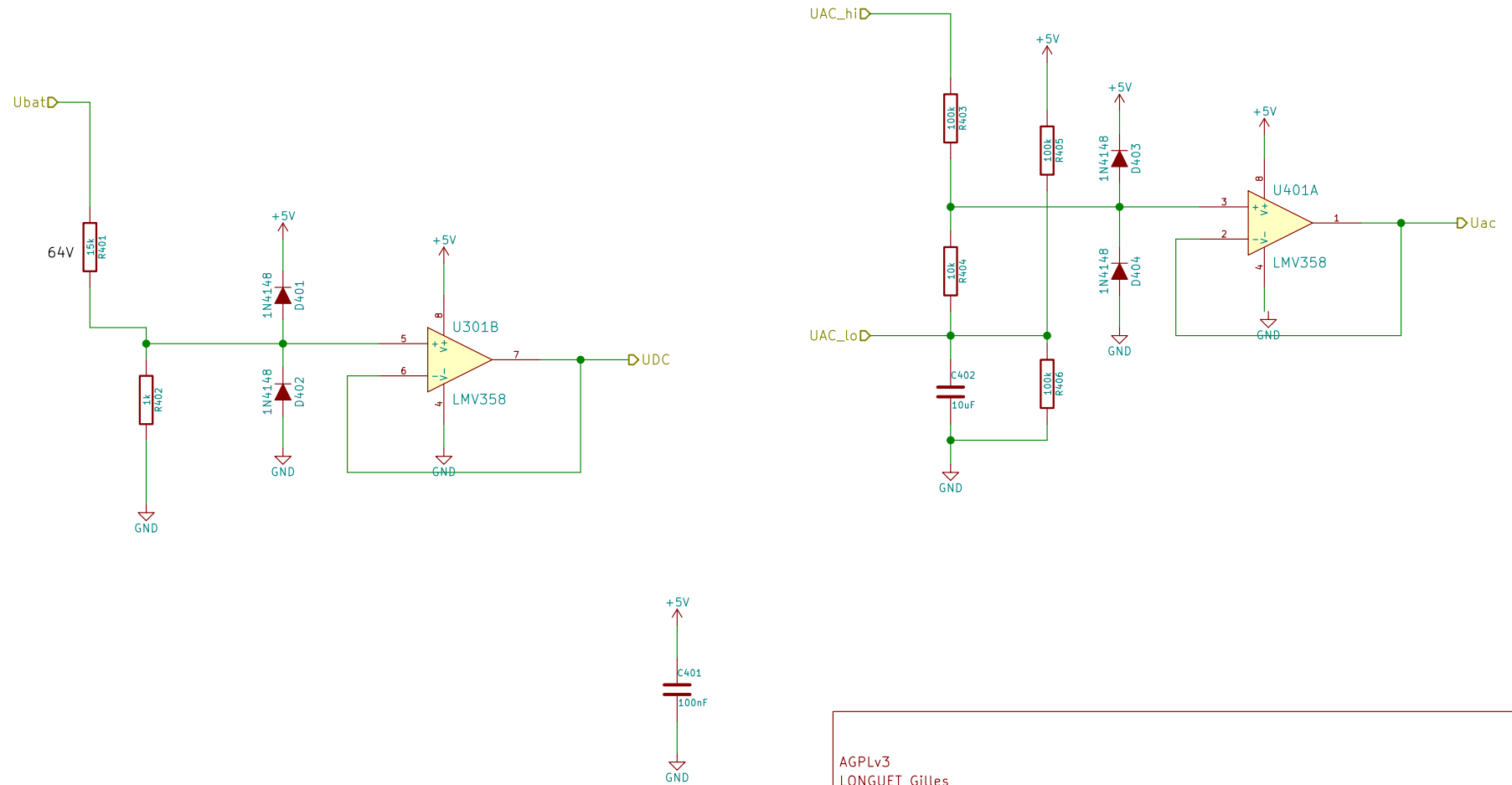
Size: A4 Date: 2016-10-16

KiCad E.D.A. kicad 4.0.2+dfsg1-2bpo8+1-stable

Rev: A

Id: 3/6

The AC wattmeter come from the work of OpenEnergyMonitor



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Sheet: /F3_Voltage_sensors/
File: F3_Voltage_sensors.sch

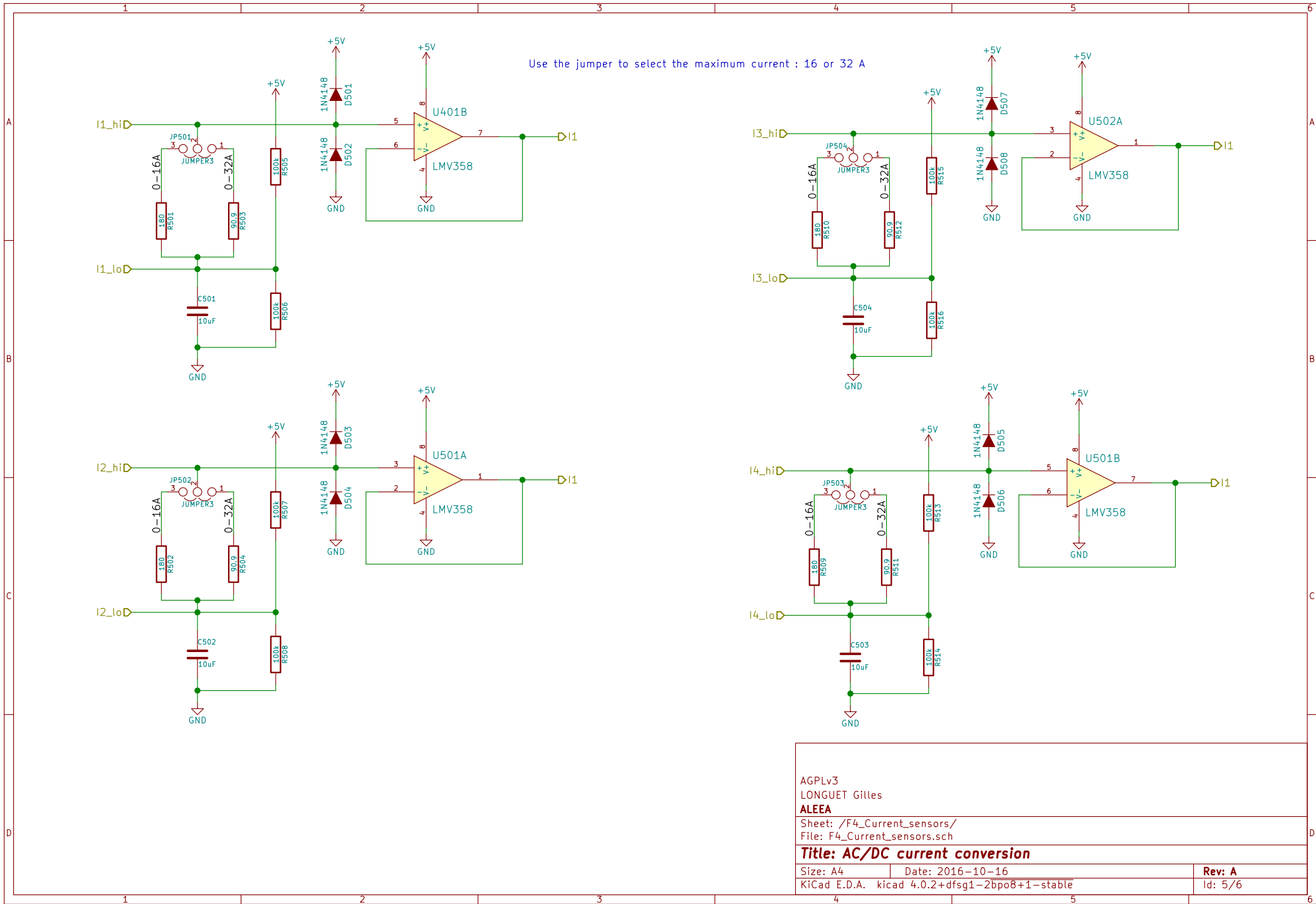
Title: AC/DC voltage conversion

Size: A4 Date: 2016-10-16

KiCad E.D.A. kicad 4.0.2+dfsg1-2bpo8+1-stable

Rev: A

Id: 4/6



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Sheet: /F4_Current_sensors/
 File: F4_Current_sensors.sch

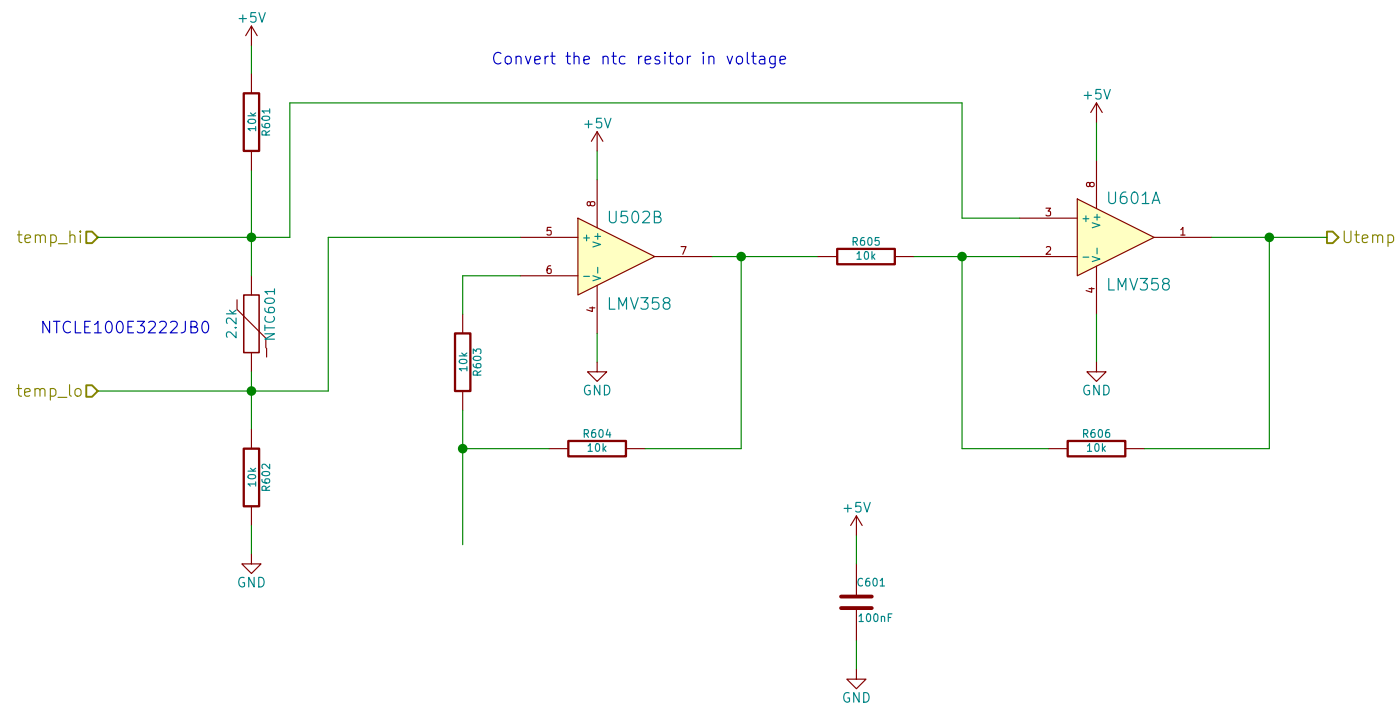
Title: AC/DC current conversion

Size: A4 Date: 2016-10-16

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Rev: A

Id: 5/6



I will change it by a pt1000 resistor or a ds1820 one wire sensor.

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 ALEEA

Sheet: /F5 Temperature/
 File: F5_temperature.sch

Title: Temperature conversion

Size: A4	Date: 2016-10-16	Rev: A
KiCad E.D.A. kicad 4.0.2+dfsg1-2bpo8+1-stable		Id: 6/6