

~ 220VAC ~

PFC



File: pfc.kicad\_sch

LLC

LLC  
Voltage Measurement  
Mosfet – Gate driver

File: llc.kicad\_sch

STM32F103C8T6

MCU  
Control LLC

File: STM32F103C8T6.kicad\_sch

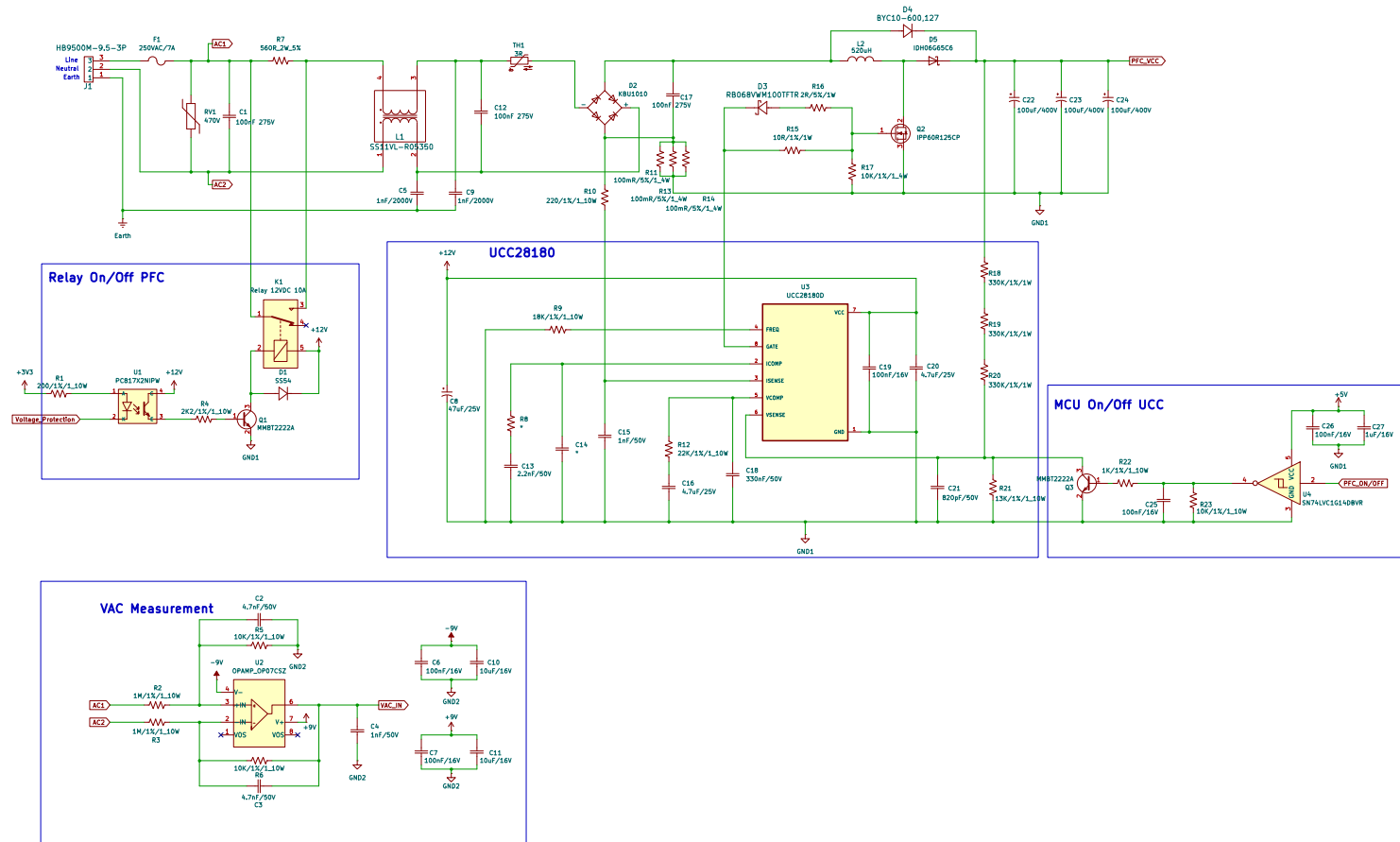
Sheet: /  
File: PFC & LLC.kicad\_sch

**Title:**

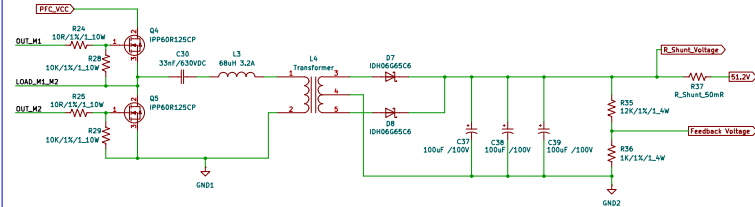
Size: A4  
KiCad E.D.A. 8.0.4

Date:

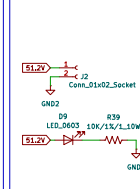
**Rev:**  
Id: 1/4



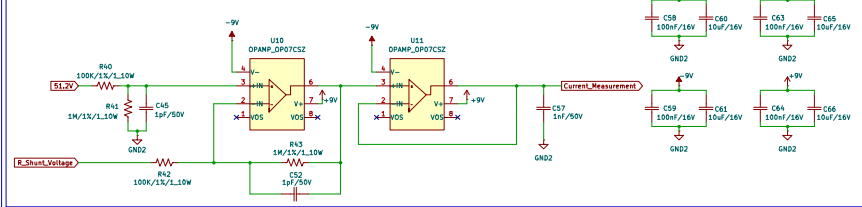
## LLC Circuit



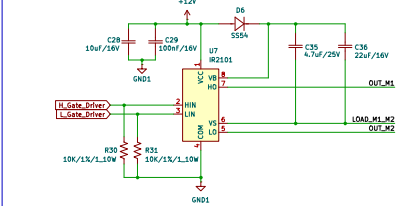
## Output Power Circuit



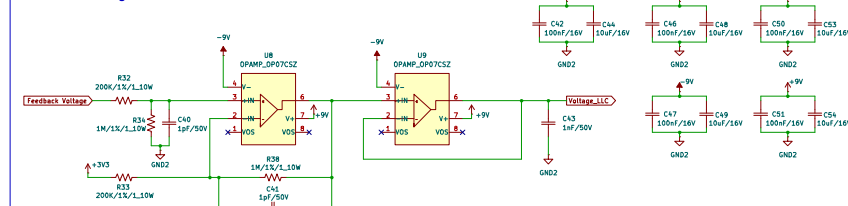
## Current Measurement



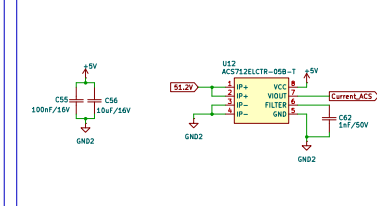
## Mosfet Driver



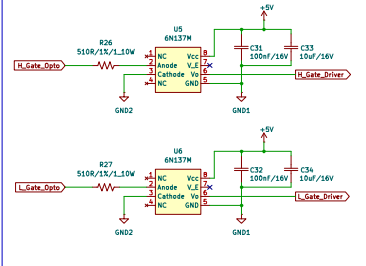
## Feedback Voltage



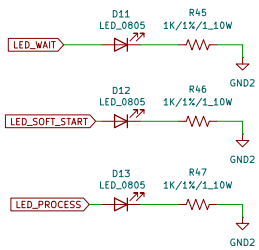
## Current ACS712



## Opto



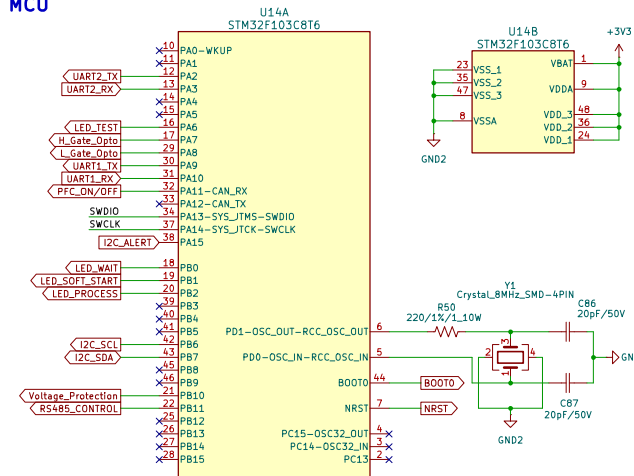
## Led Status



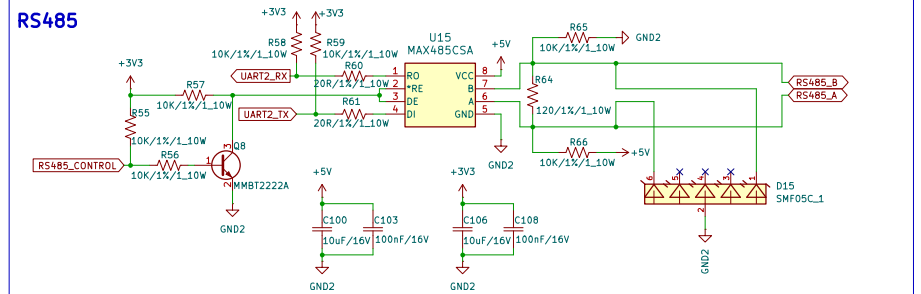
## Led Test



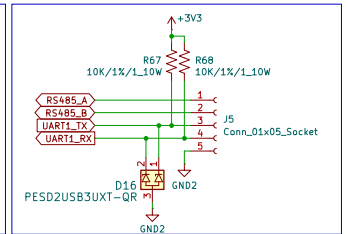
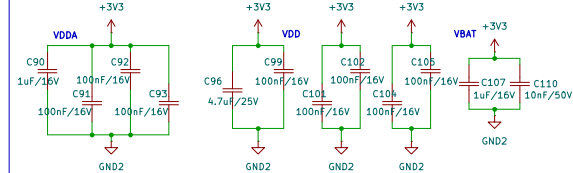
## MCU



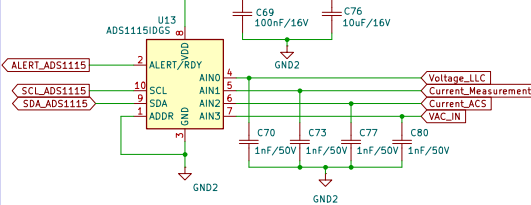
## RS485



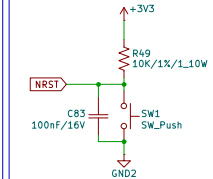
## Filter Source



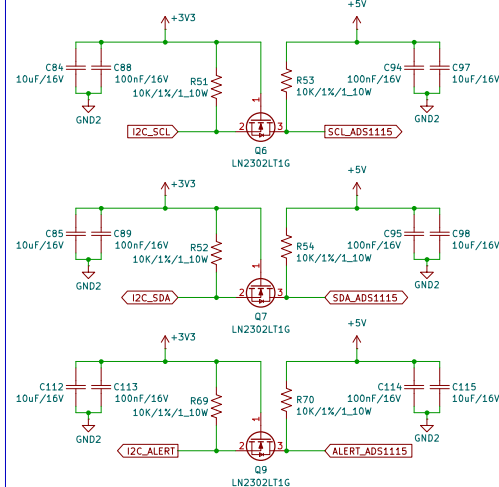
## LLC Feedback



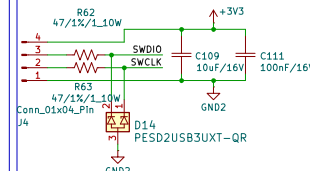
## Reset



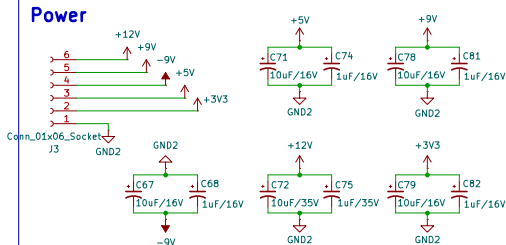
## Level Shifting I2C



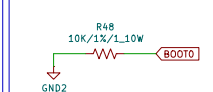
## Load Program



## Power



## Boot Mode



## Mounting Hole



Sheet: /STM32F103C8T6/  
File: STM32F103C8T6.kicad\_sch

Title:

Size: A3

Date:

Rev:

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Id: 1/4