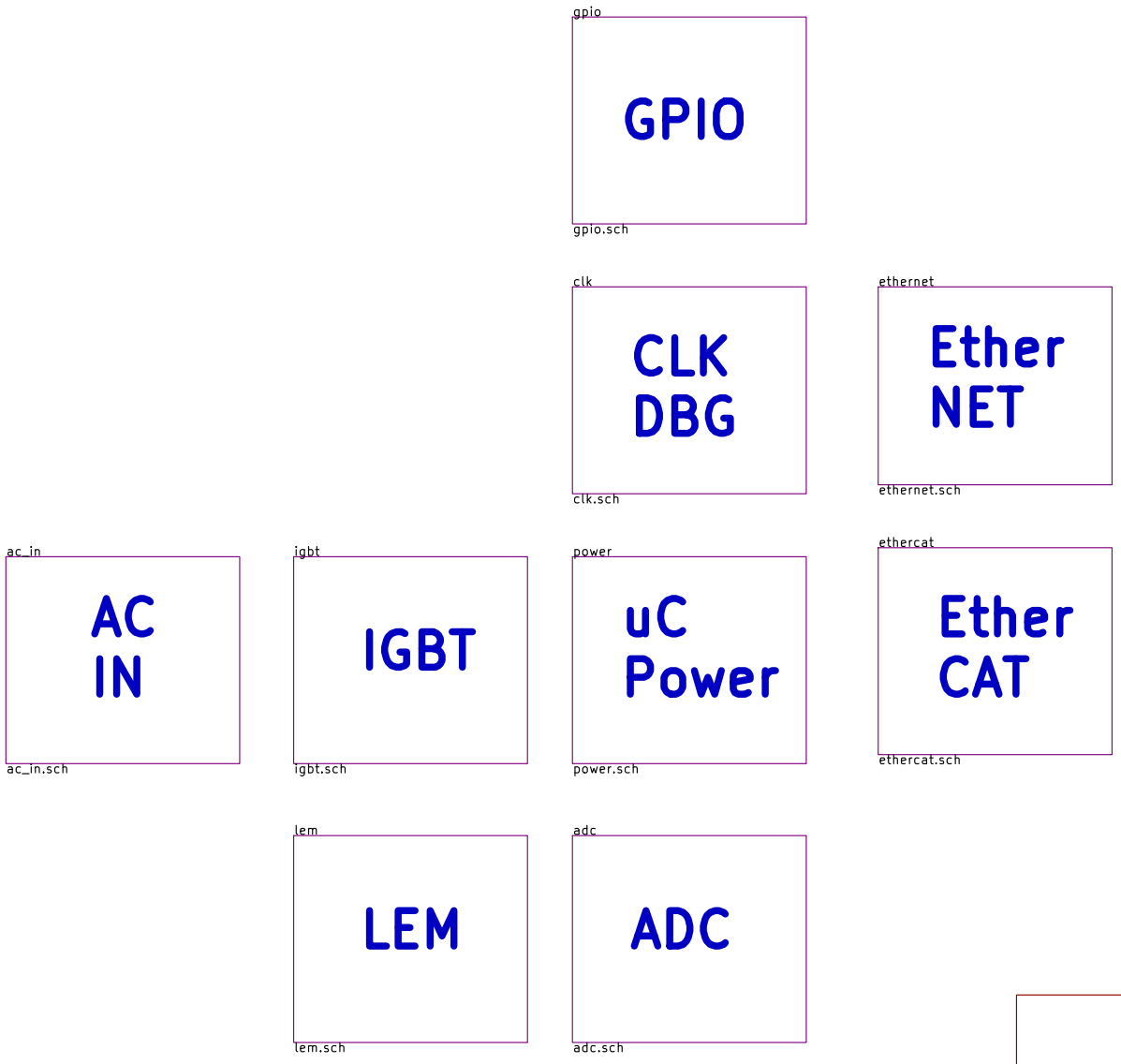
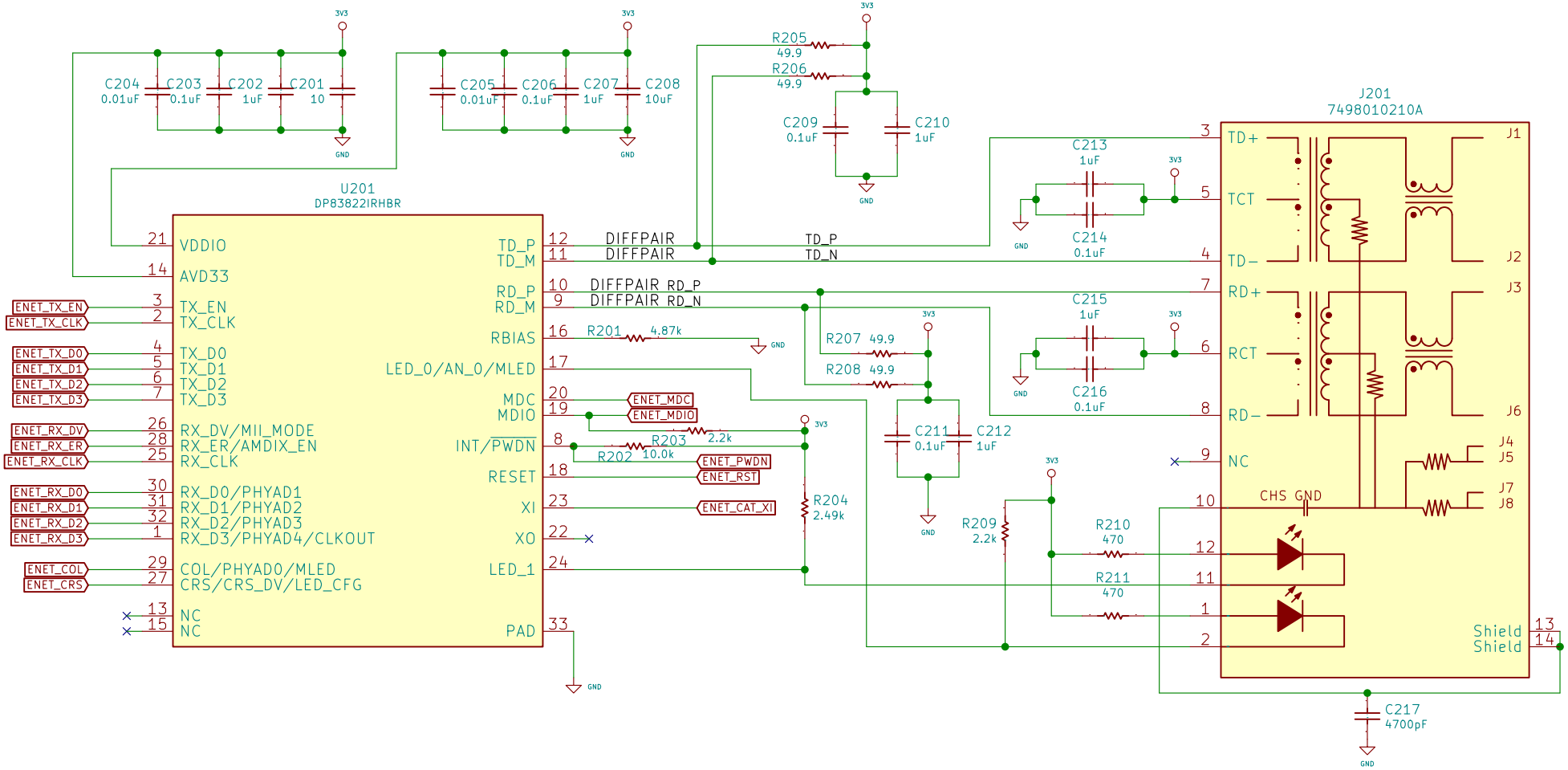
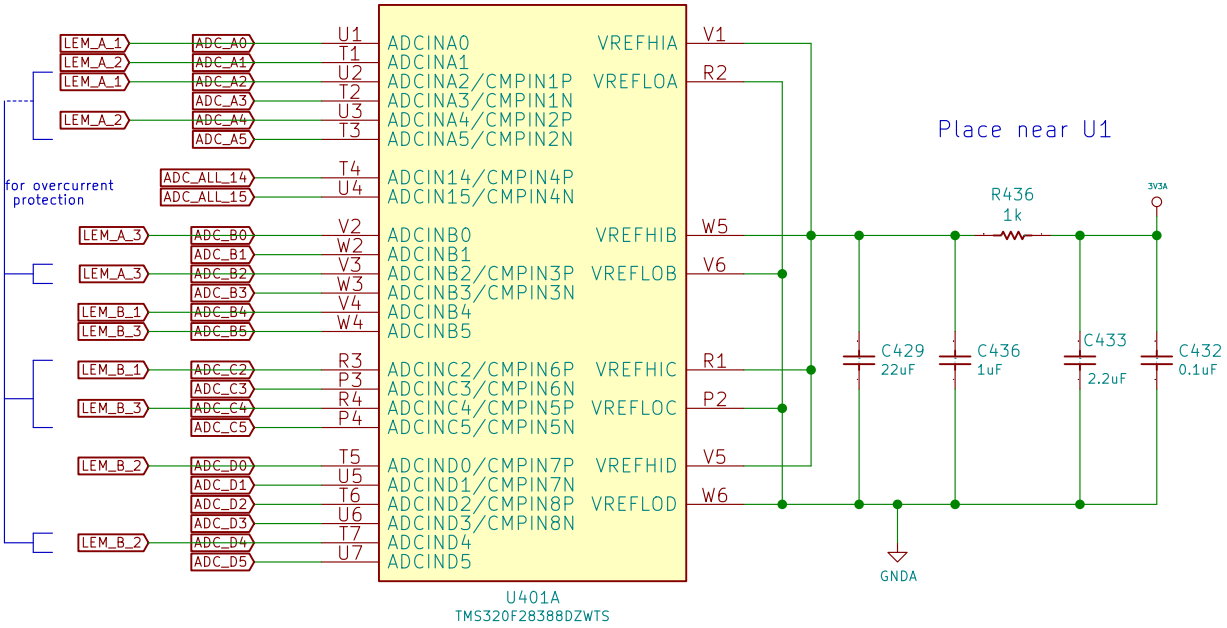


Pablo Slavkin **dci**		
Sheet: / File: servo.sch		
Title: servo drive		
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 1/10



Pablo Slavkin	
dci	
Sheet: /ethernet/	
File: ethernet.sch	
Title: ethernet	
Size: A4	Date: 25 10 2019
KiCad E.D.A. kicad 5.0.2+dfsg1-1	Id: 2/10

Rev: 1.0



Pablo Slavkin **dci**		
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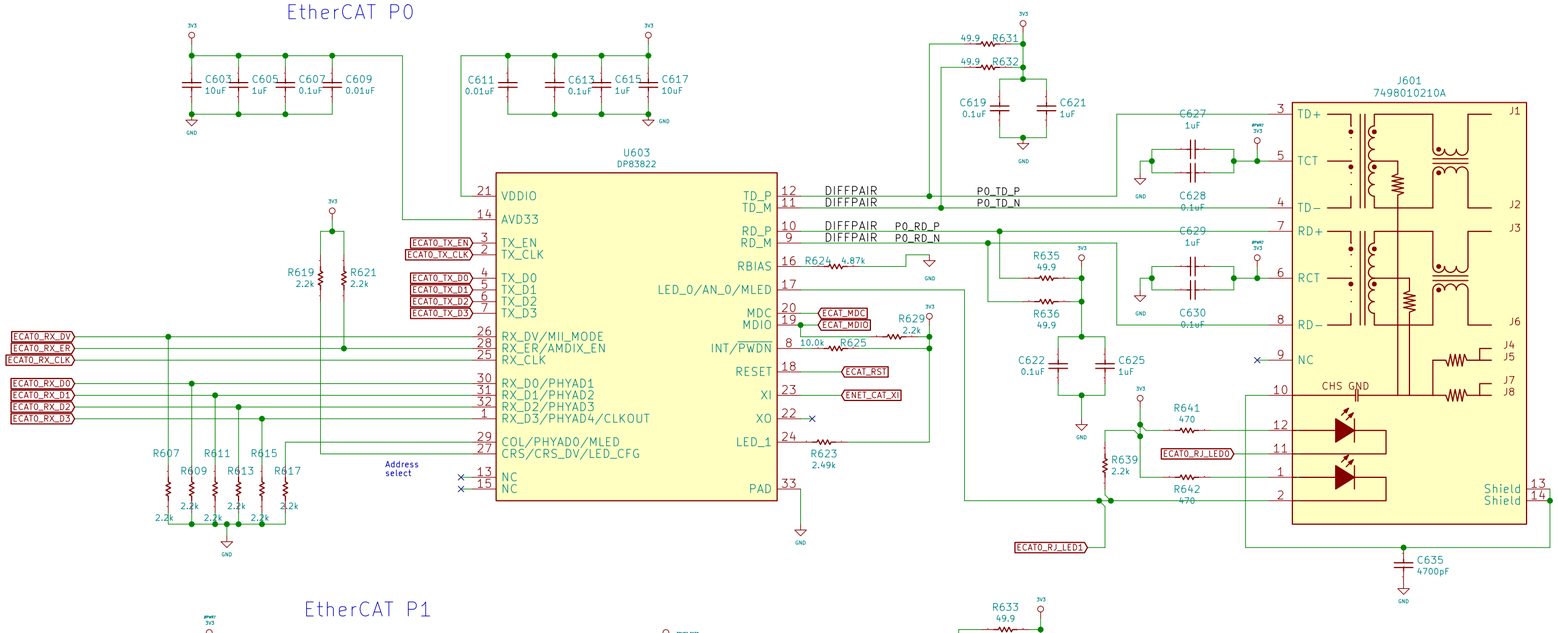
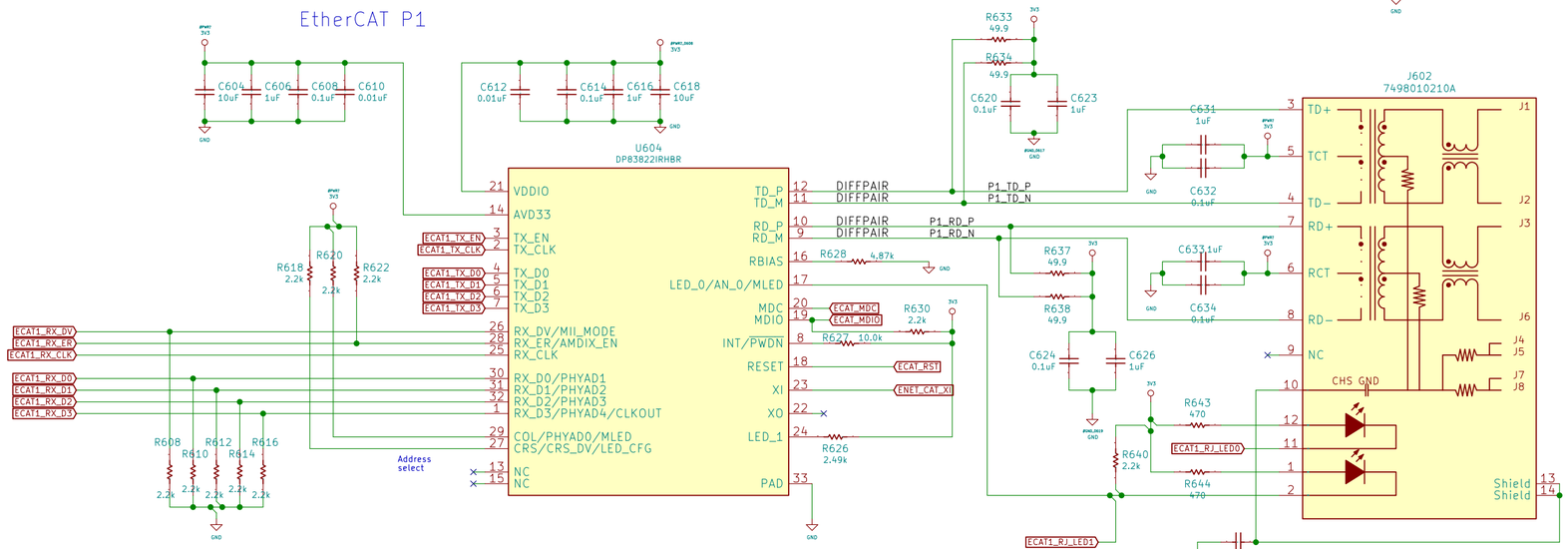
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 3/10

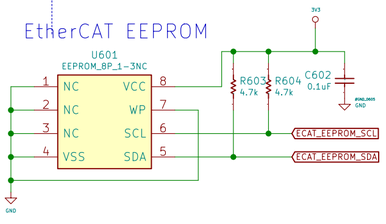
EtherCAT P0



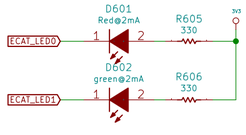
EtherCAT P1



EtherCAT EEPROM



Run and Error LEDs

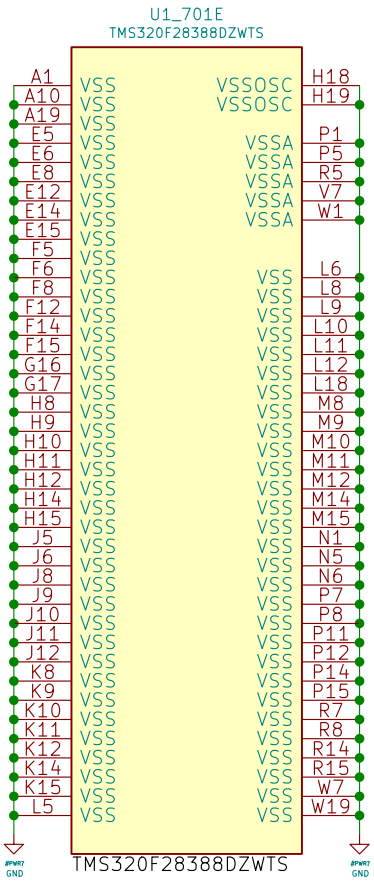


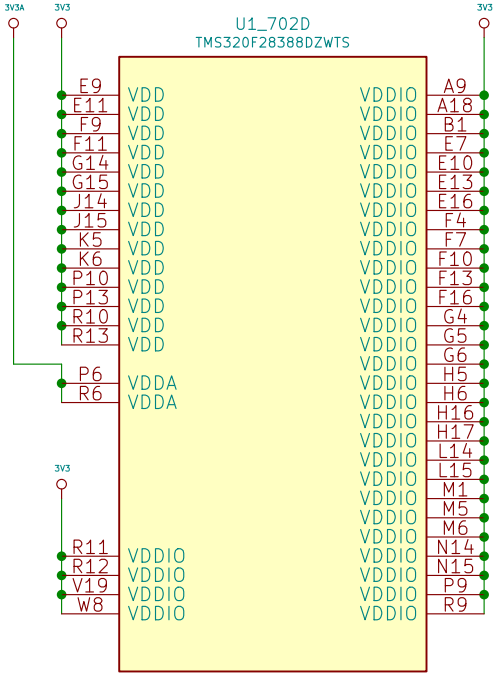
Pablo Slavkin
dci

Sheet: /ethercat/
File: ethercat.sch

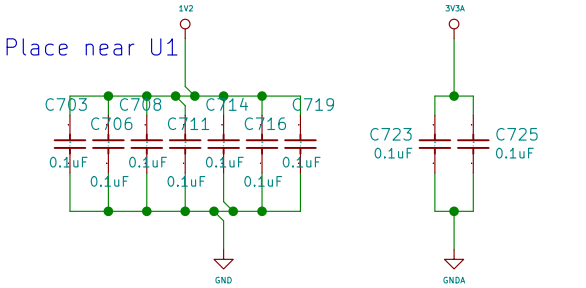
Title: ethercat

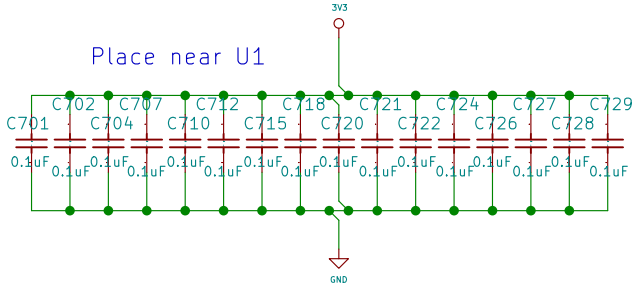
Size: C	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 4/10





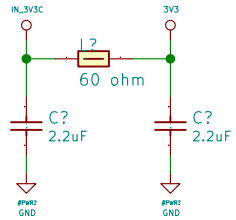
Decoupling Capacitors

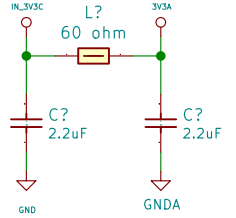


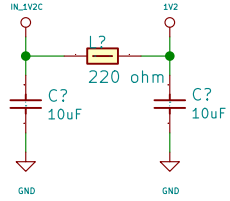


Ferrite Beads

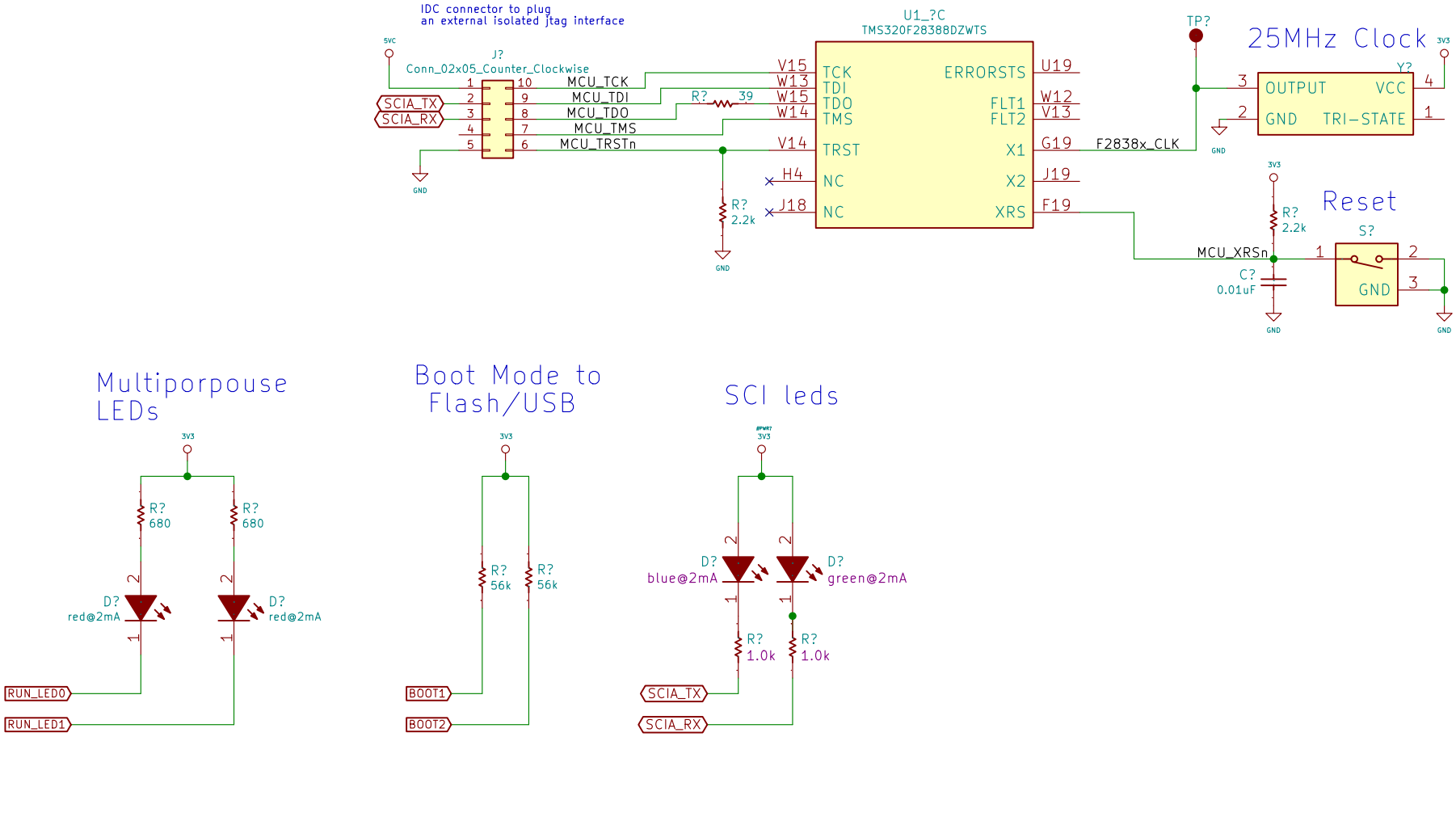
Place near U1



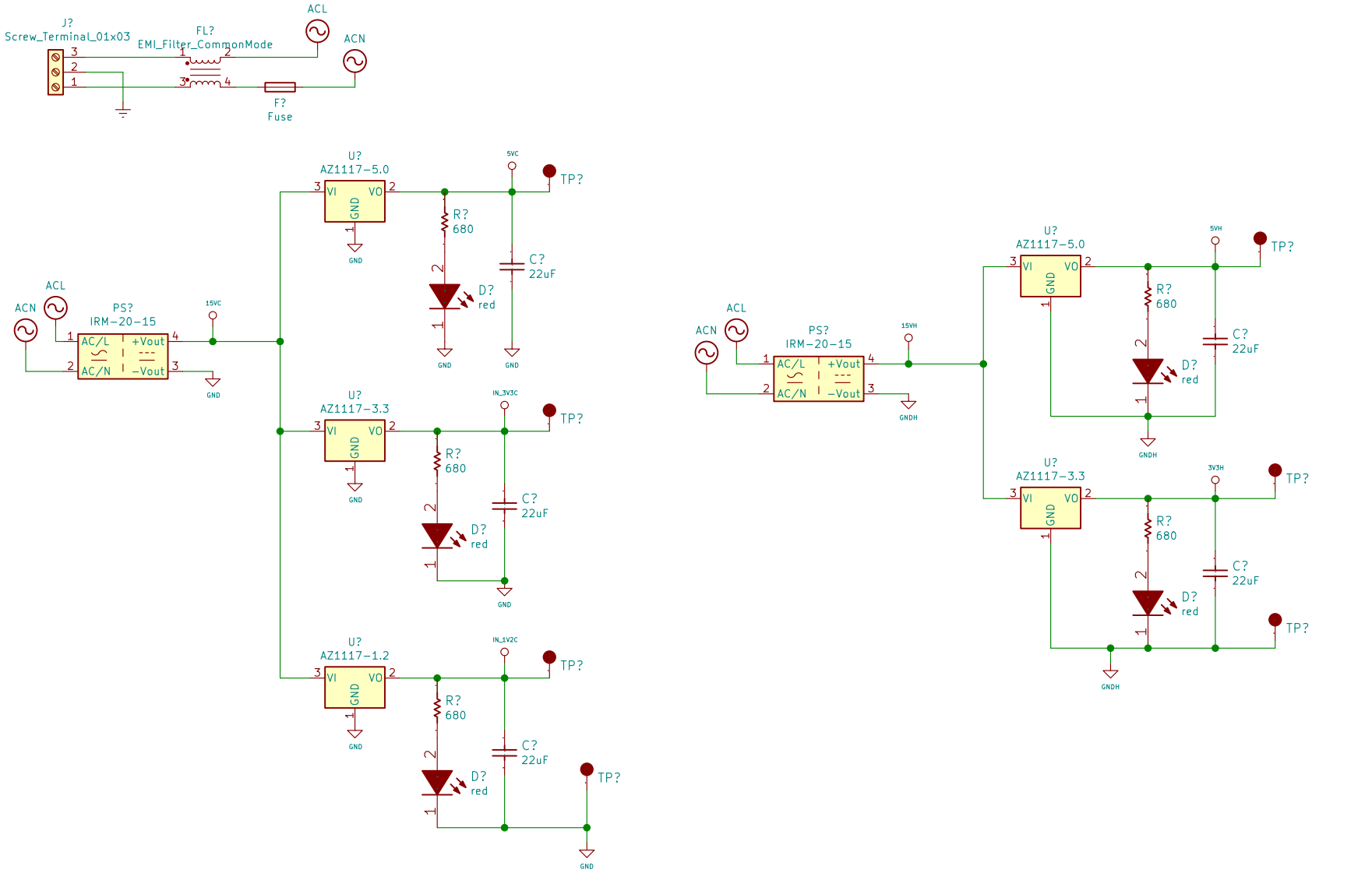




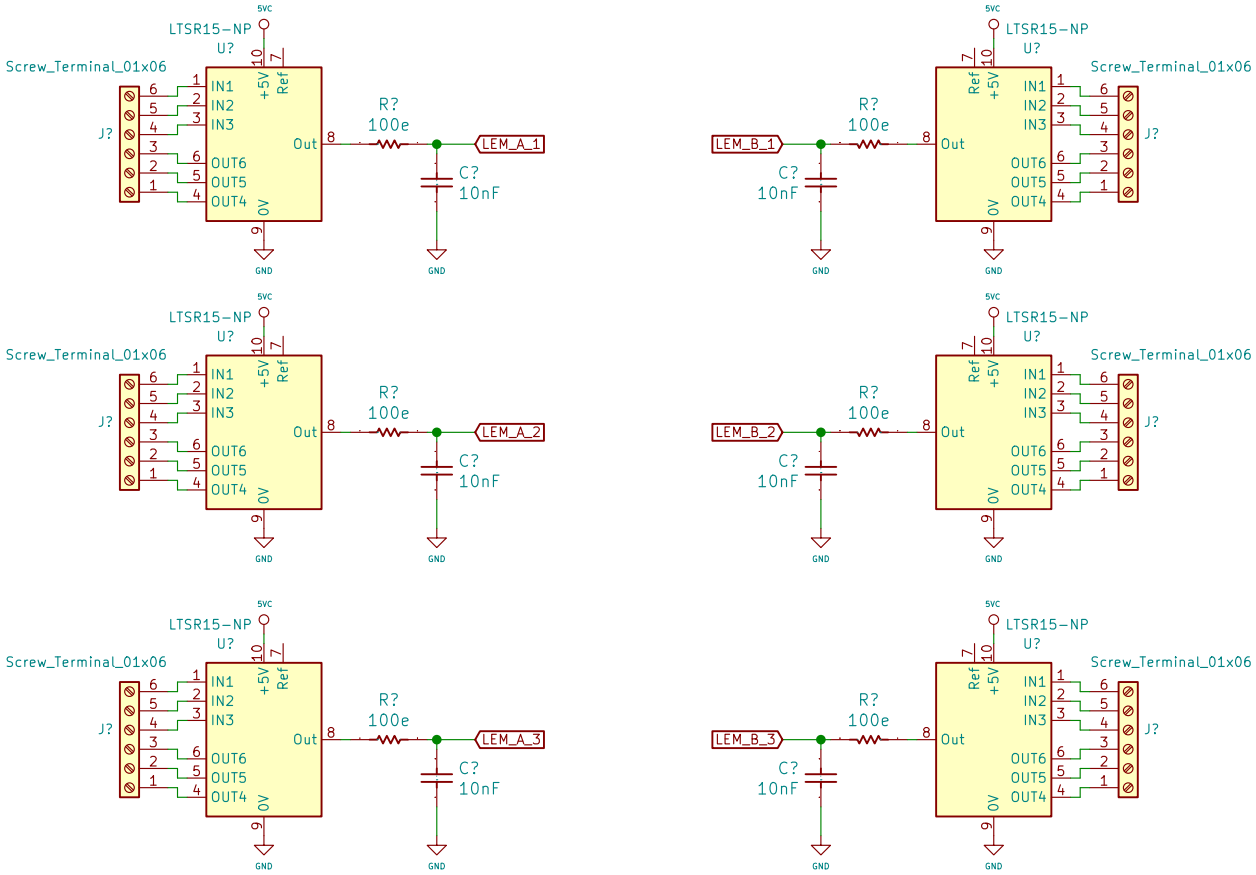
Pablo Slavkin		
dci		
Sheet: /power/		
File: power.sch		
Title: uC Power		
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 5/10



Pablo Slavkin		
dci		
Sheet: /clk/		
File: clk.sch		
Title: clk		
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 6/10

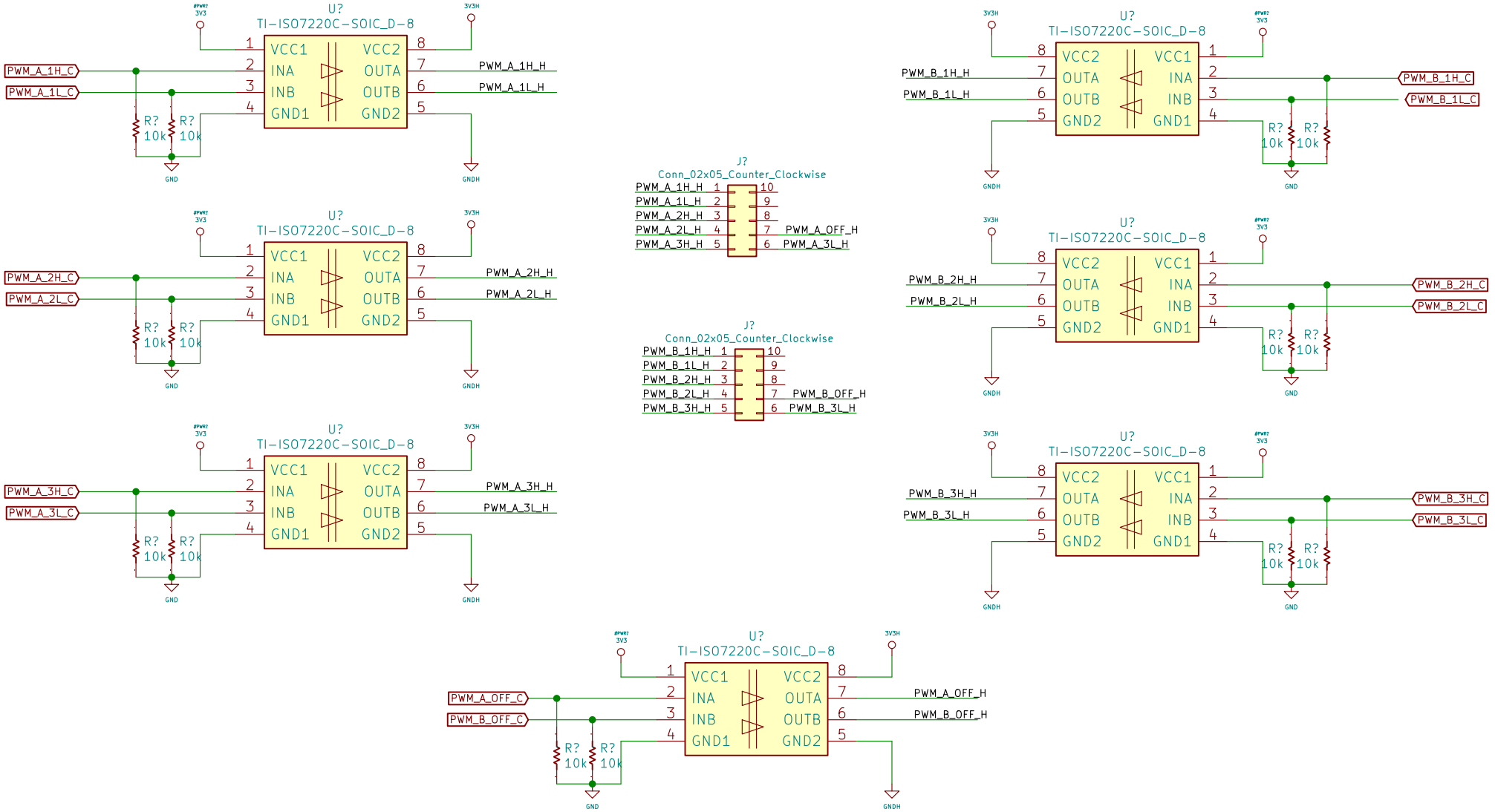


Pablo Slavkin		
dci		
Sheet: /ac_in/		
File: ac_in.sch		
Title: AC input		
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 7/10



I've decided to use LEM, nor shunt, I'ts a little expensive, but less
bum, isolated and easy to change ranges. Without sigma delta issues..
3 fases included but should work with only 2

Pablo Slavkin		
dci		
Sheet: /lem/		
File: lem.sch		
Title: LEM currente measurement		
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 8/10



Pablo Slavkin		
dci		
Sheet: /igbt/		
File: igbt.sch		
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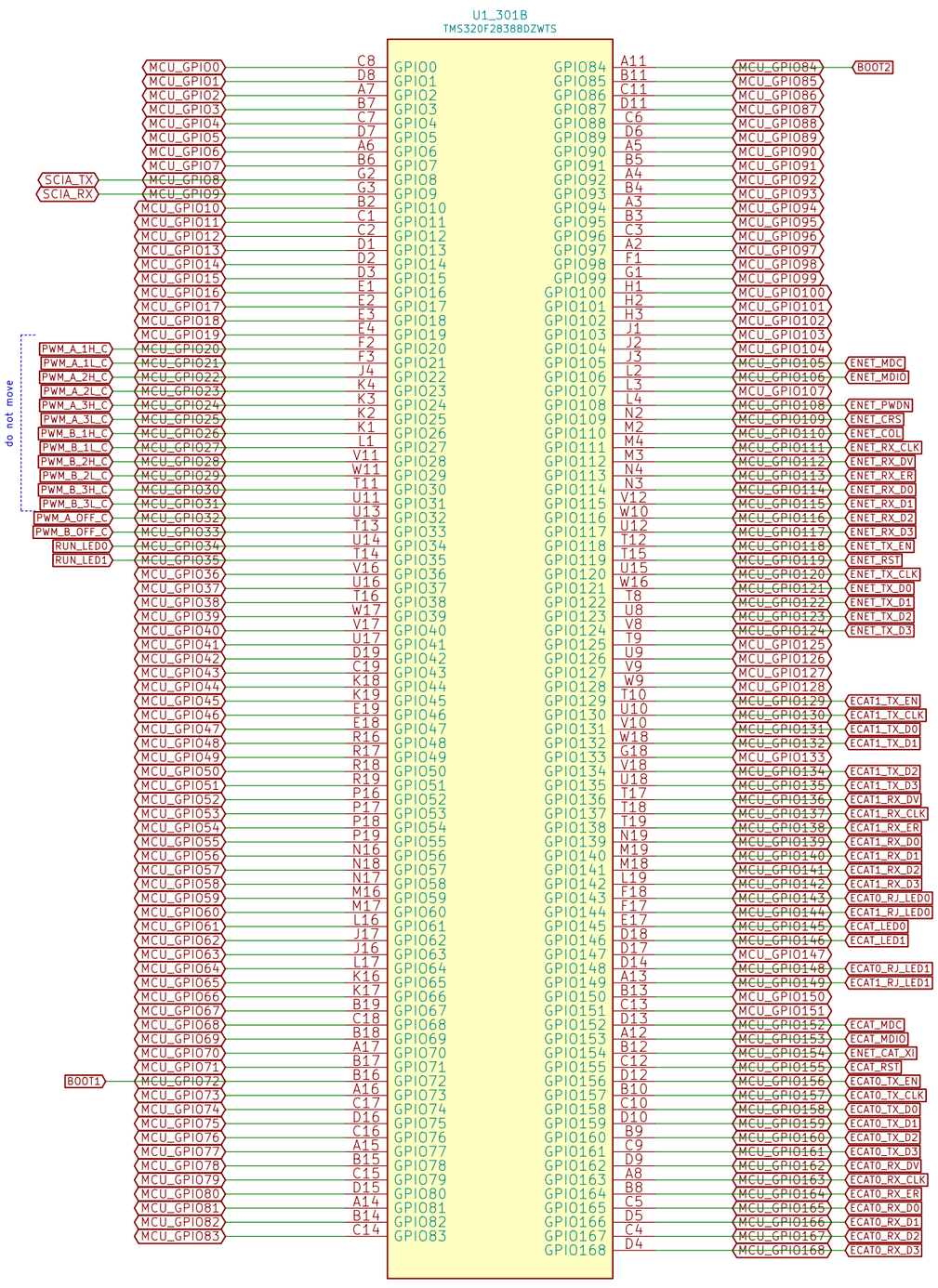
Size: A4	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 9/10



Pablo Slavkin
dci

Sheet: /gpio/
File: gpio.sch

Title: gpio

Size: B	Date: 25 10 2019	**Rev: 1.0**
KiCad E.D.A. kicad 5.0.2+dfsg1-1		Id: 10/10