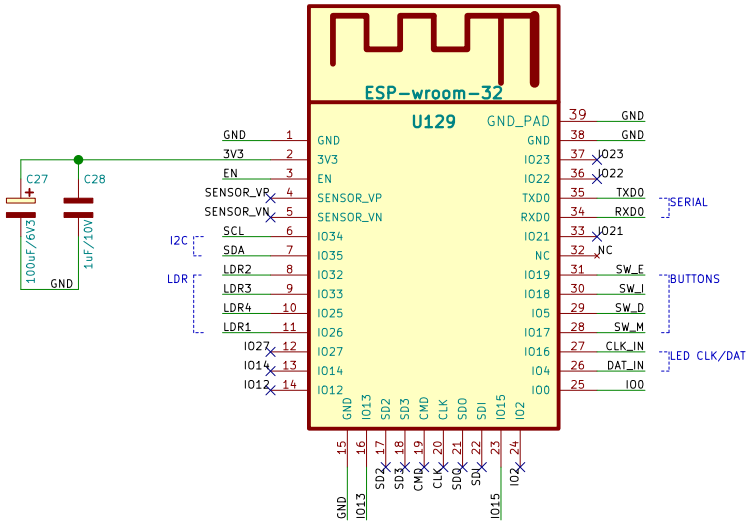
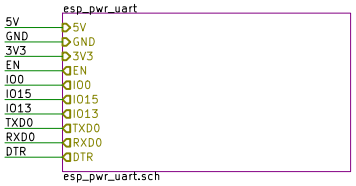
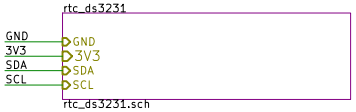
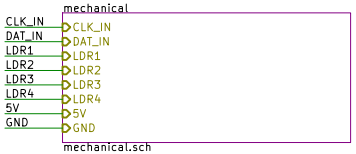
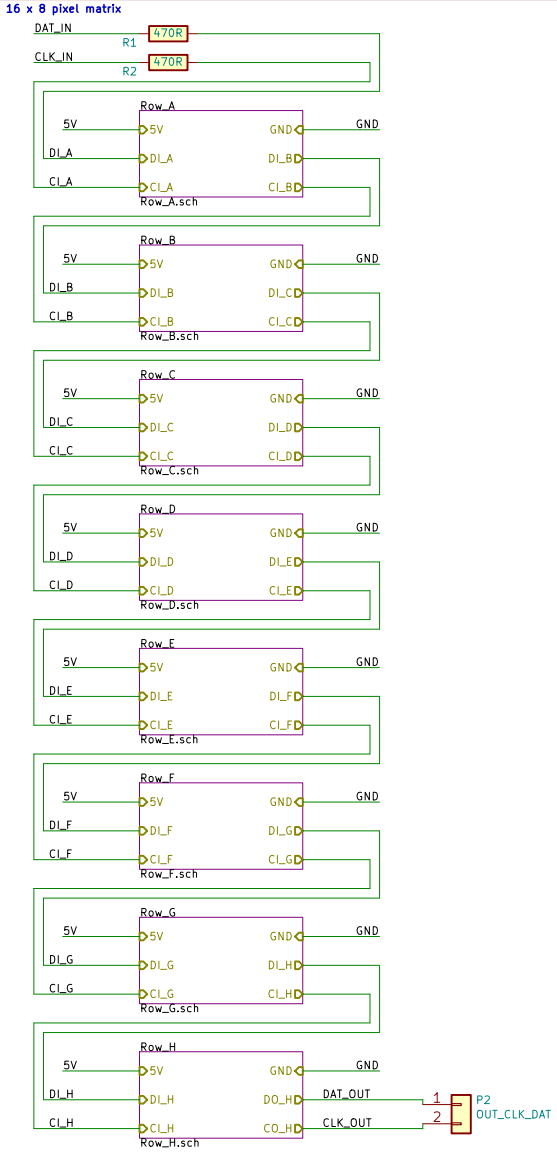
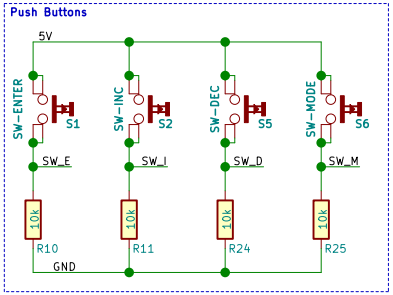


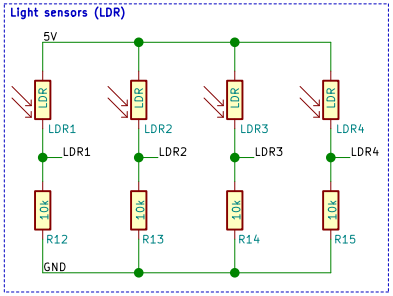


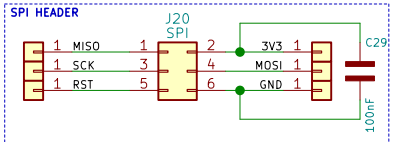


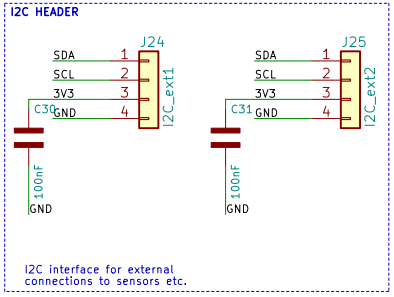








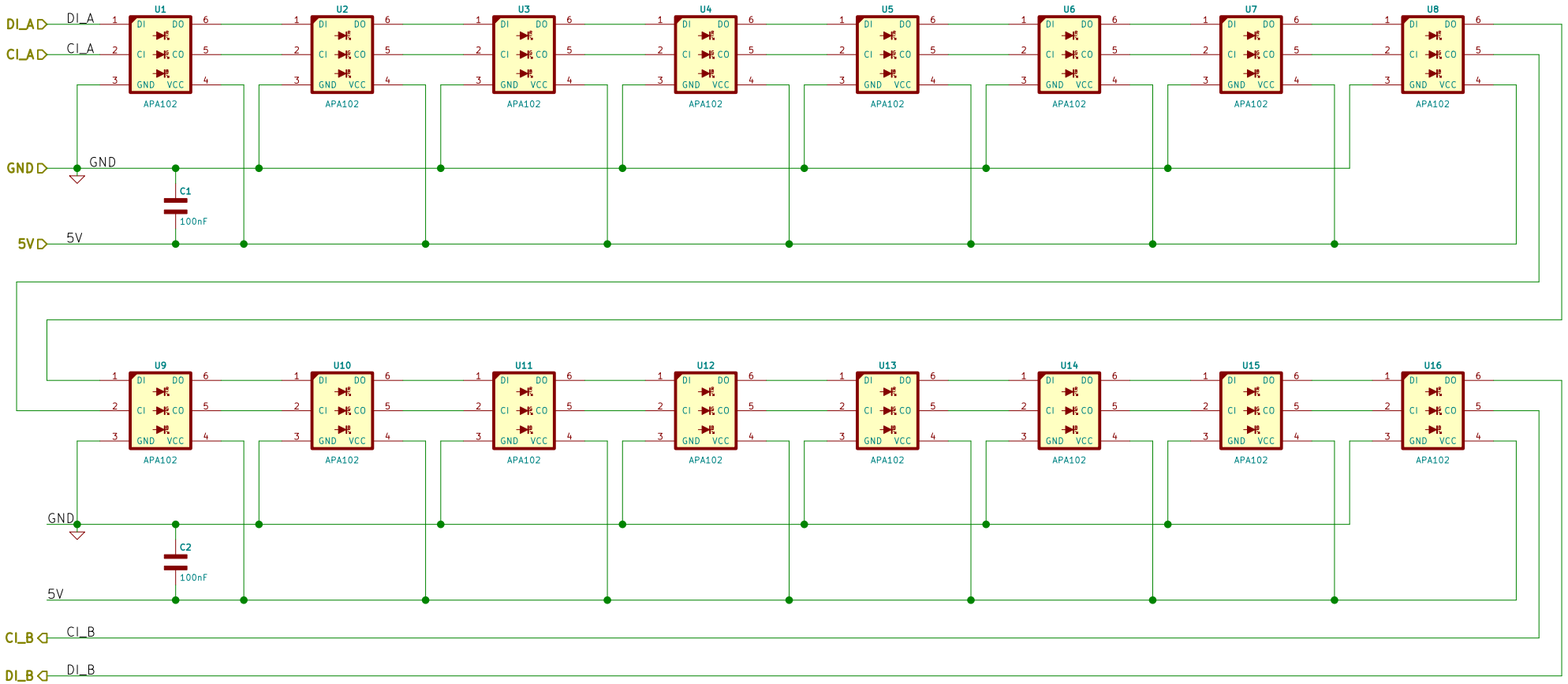




https://github.com/wyolum/KlokTHREEjr
www.wyolum.com
Sheet: /
File: KlokTHREEjr.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	Rev: rev 1
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 1/12

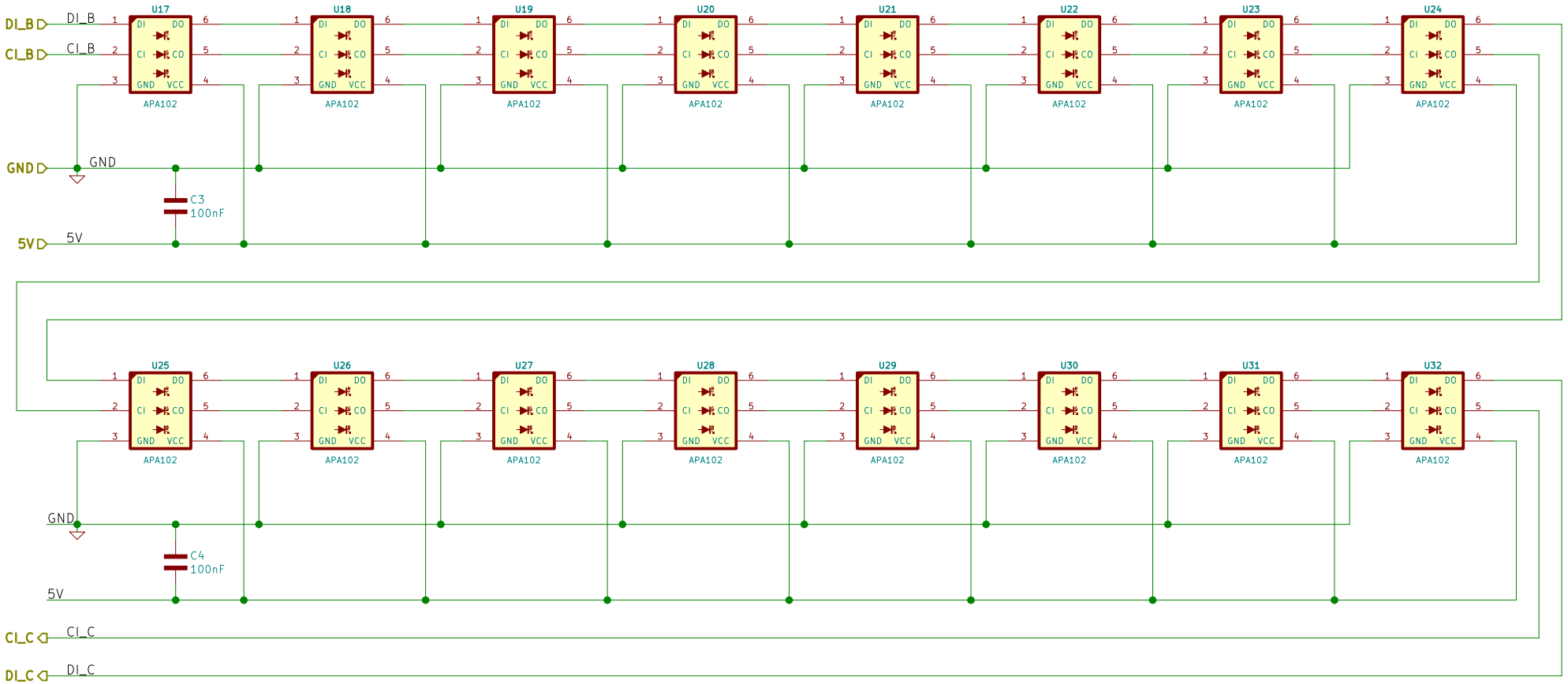


https://github.com/wyolum/KlokTHREEjr
www.wyolum.com

Sheet: /Row_A/
File: Row_A.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A.	kicad no-vcs-found-bf44d3961ubuntu16.04.1	Id: 2/12



https://github.com/wyolum/KlokTHREEjr

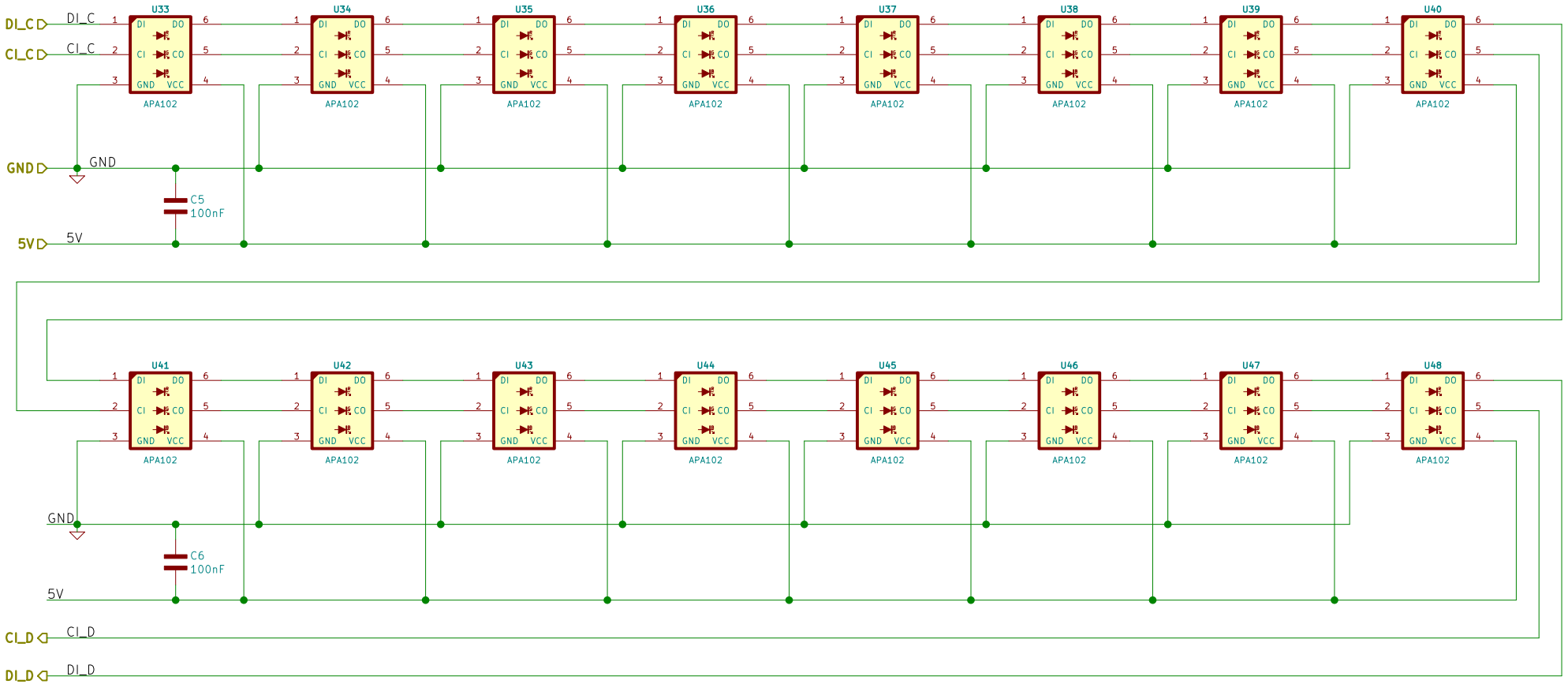
www.wyolum.com

Sheet: /Row_B/

File: Row_B.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 3/12



https://github.com/wyolum/KlokTHREEjr

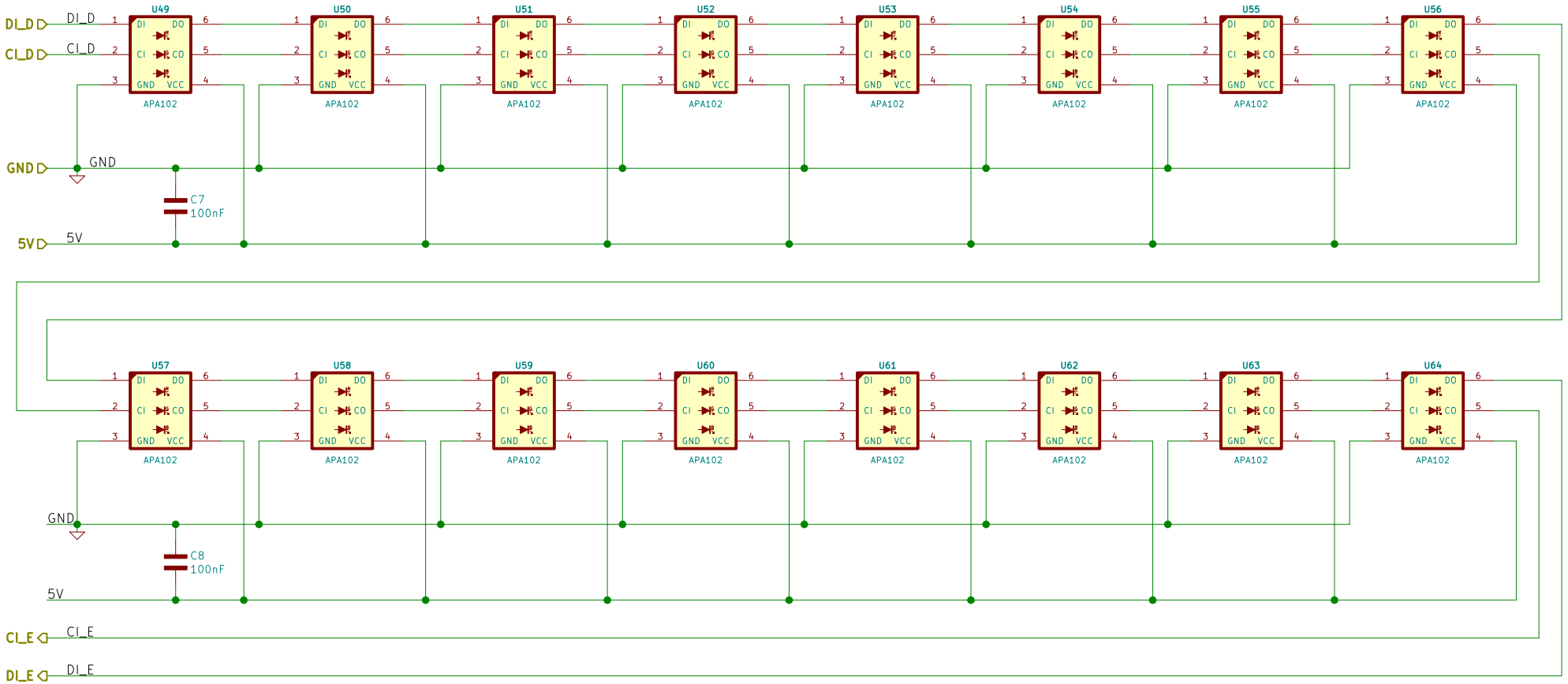
www.wyolum.com

Sheet: /Row_C/

File: Row_C.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 4/12



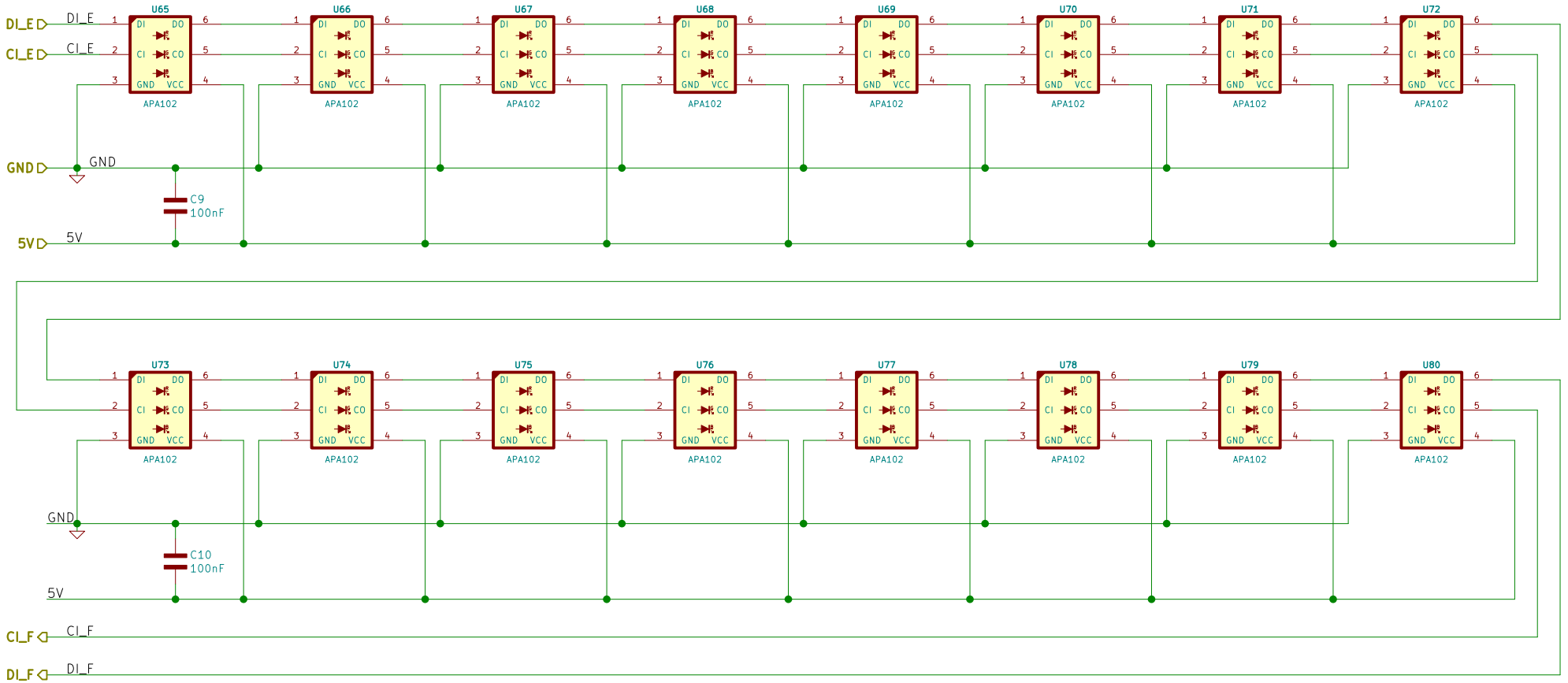
https://github.com/wyolum/KlokTHREEjr

www.wyolum.com

Sheet: /Row_D/
File: Row_D.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 5/12



https://github.com/wyolum/KlokTHREEjr

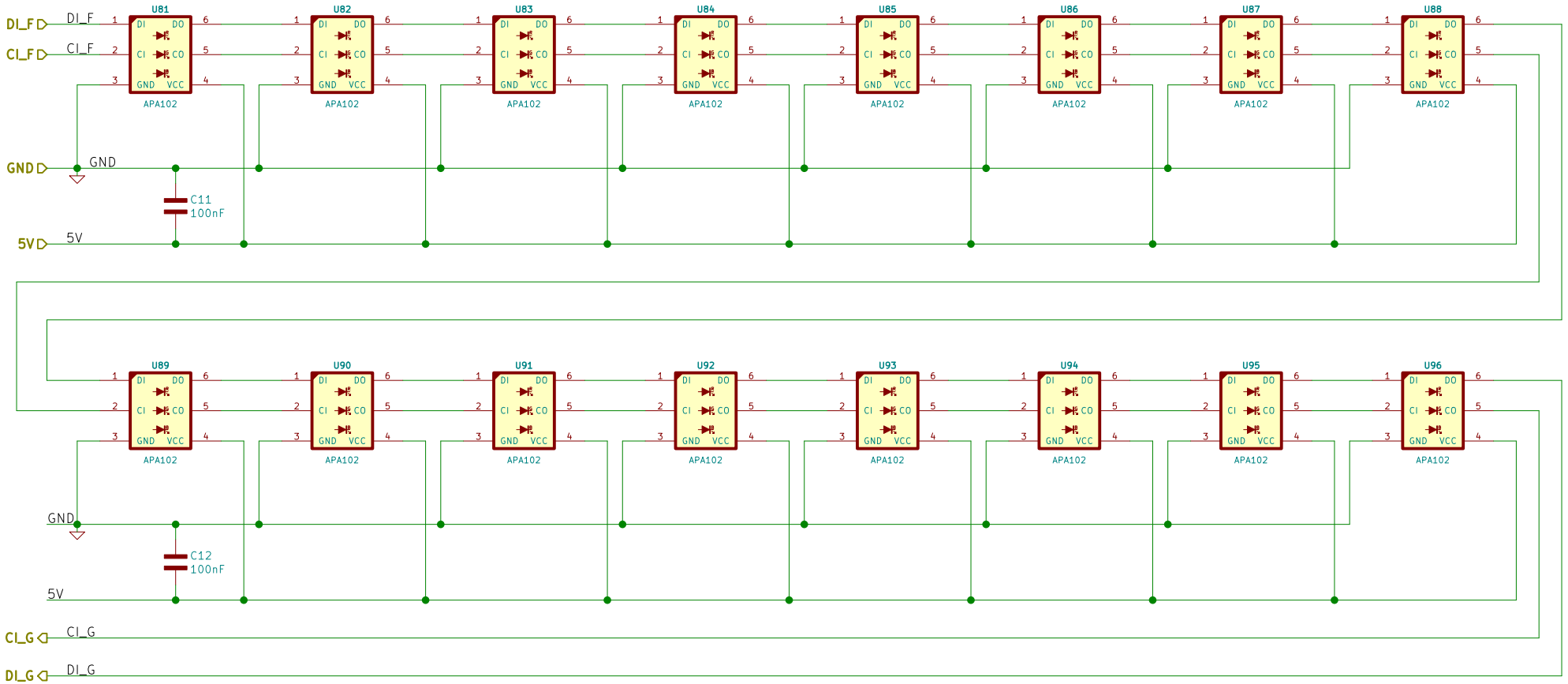
www.wyolum.com

Sheet: /Row_E/

File: Row_E.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 6/12



https://github.com/wyolum/KlokTHREEjr

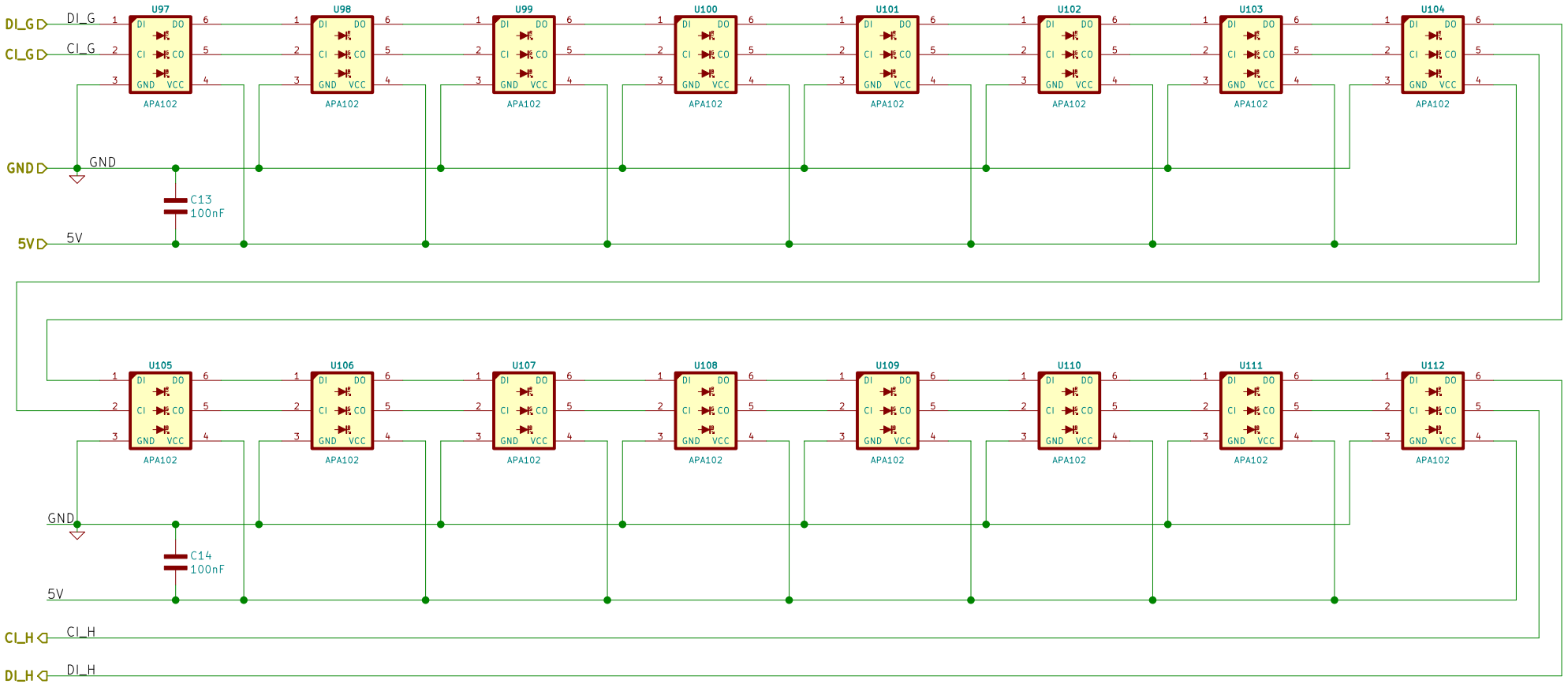
www.wyolum.com

Sheet: /Row_F/

File: Row_F.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 7/12



https://github.com/wyolum/KlokTHREEjr

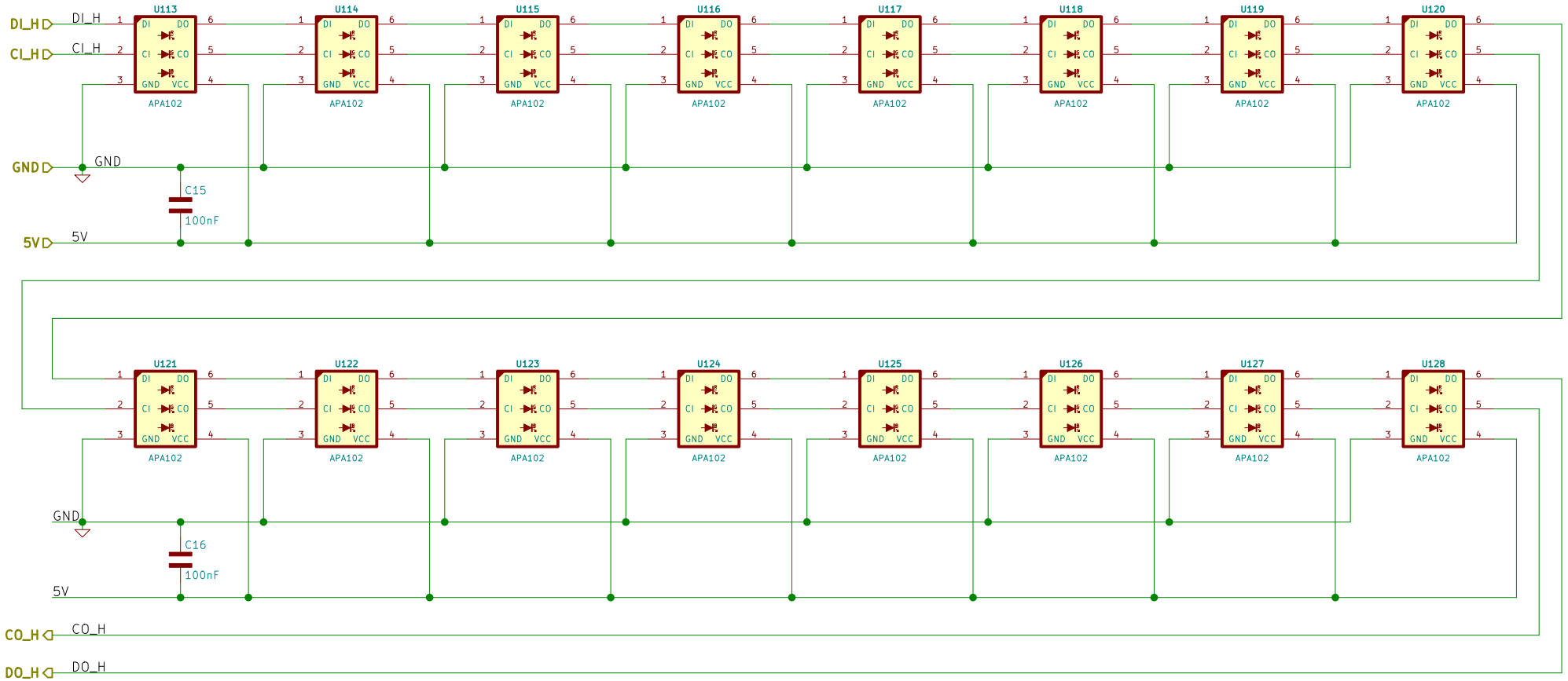
www.wyolum.com

Sheet: /Row_G/

File: Row_G.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 8/12



https://github.com/wyolum/KlokTHREEjr

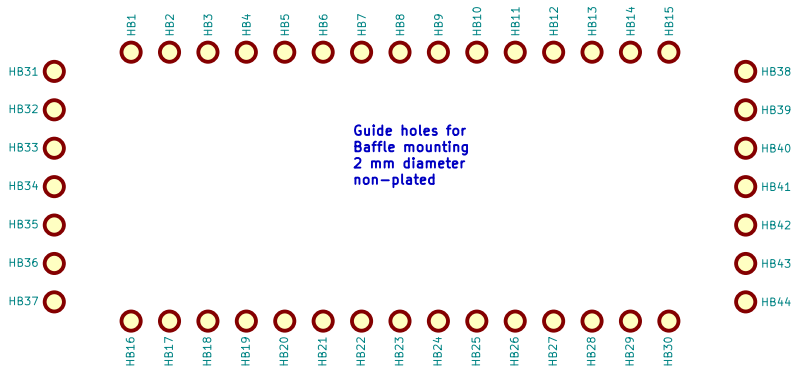
www.wyolum.com

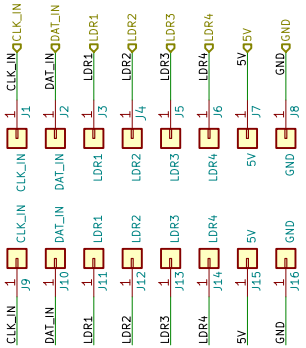
Sheet: /Row_H/

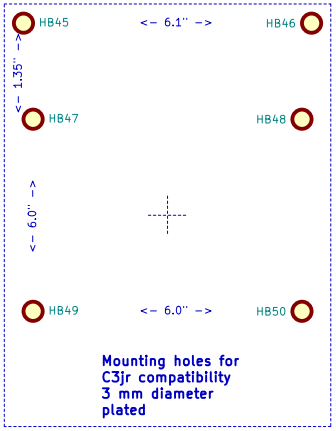
File: Row_H.sch

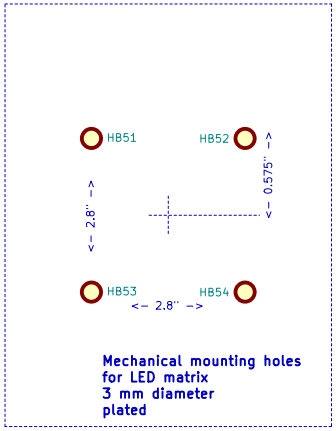
Title: KlokTHREEjr

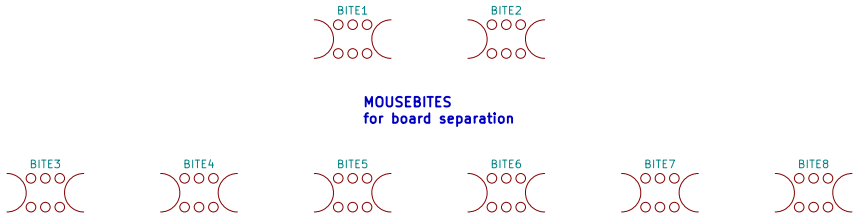
Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 9/12









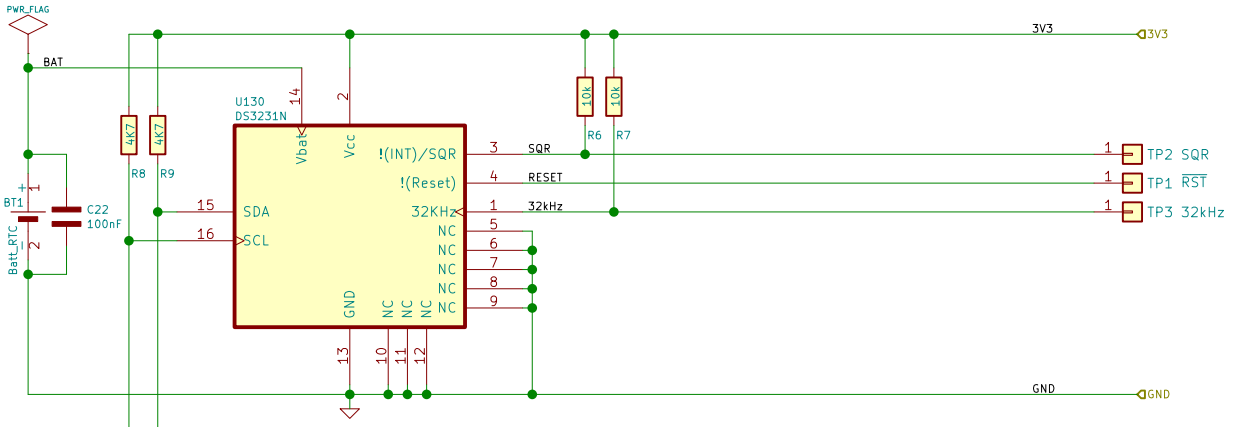


https://github.com/wyolum/KlokTHREEjr
www.wyolum.com

Sheet: /mechanical/
File: mechanical.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	Rev: rev 1
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 10/12

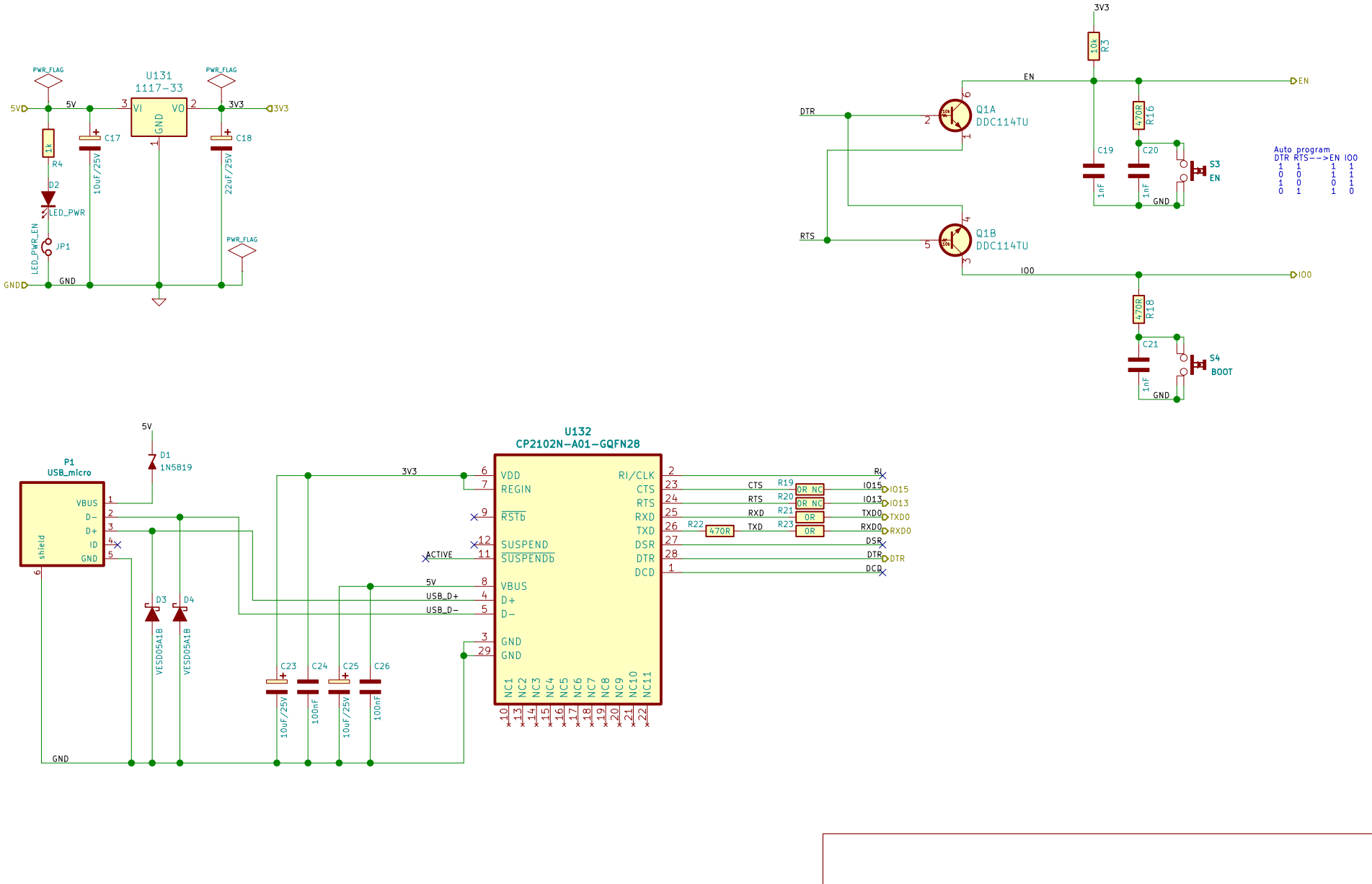


https://github.com/wyolum/KlokTHREEjr
www.wyolum.com

Sheet: /rtc_ds3231/
File: rtc_ds3231.sch

Title: KlokTHREEjr

Size: A4	Date: 2017-12-26	**Rev: rev 1**
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1		Id: 11/12


PWR_FLAG
U131
1117-33
5V
3V3
VI
VO
GND
C17
10uF/25V
C18
22uF/25V
R4
1k
D2
LED_PWR
JP1
LED_PWR_EN
GND
3V3
R3
10k
EN
DTR
RTS
Q1A
DDC114TU
Q1B
DDC114TU
IO0
R16
470R
R18
470R
C19
1nF
C20
1nF
C21
1nF
S3
EN
S4
BOOT
Auto program
DTR RTS-->EN IO0
1 1 1 1
0 0 1 1
1 0 0 1
0 1 1 0
P1
USB_micro
VBUS
D-
D+
ID
GND
shield
D1
1N5819
D3
D4
VESD05A1B
VESD05A1B
U132
CP2102N-A01-GQFN28
VDD
REGIN
RSTb
SUSPEND
SUSPENDb
VBUS
D+
D-
GND
GND
RI/CLK
CTS
RTS
RXD
TXD
DSR
DTR
DCD
ACTIVE
R19
R20
R21
R23
R22
470R
OR NC
OR
IO15
IO13
TXD0
RXD0
C23
C24
C25
C26
10uF/25V
100nF
10uF/25V
100nF
https://github.com/wyolum/KlokTHREEjr
www.wyolum.com
Sheet: /esp_pwr_uart/
File: esp_pwr_uart.sch
Title: KlokTHREEjr
Size: A4
Date: 2017-12-26
Rev: rev 1
KiCad E.D.A. kicad no-vcs-found-bf44d3961ubuntu16.04.1
Id: 12/12