

123456

A

B

C

D

6

Watchdog

Rs485

PSU

Connectors

Gpio_exp

UARTs

File: WatchDog.kicad_sch

File: RS485.kicad_sch

File: PSU.kicad_sch

File: connect.kicad_sch

File: Gpio_exp.kicad_sch

File: untitled.kicad_sch

Sheet: /

File: mallow_adapt_v1.3.kicad_sch

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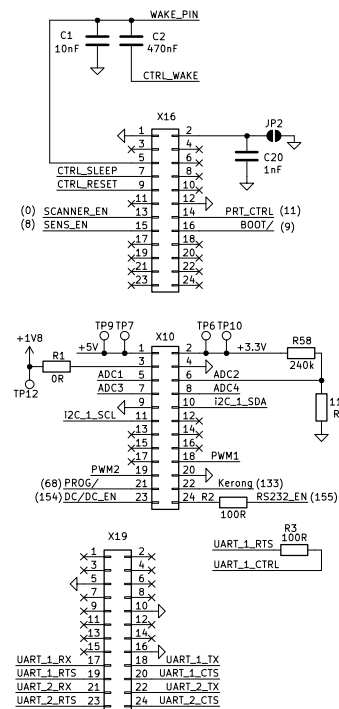
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Rev:

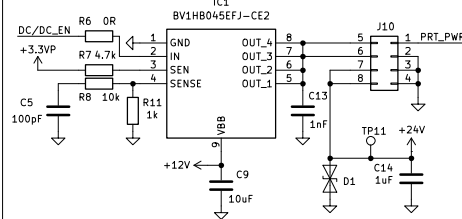
KiCad E.D.A. 8.0.5

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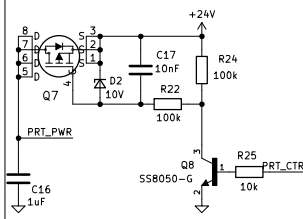
Dahlia Connectors



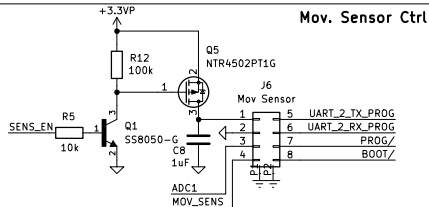
DC/DC Switch



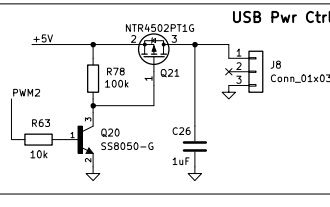
Prt PWR Ctrl



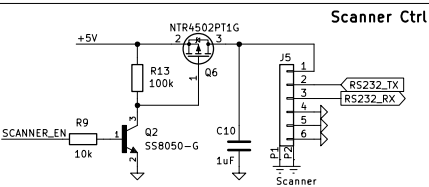
Mov. Sensor Ctrl



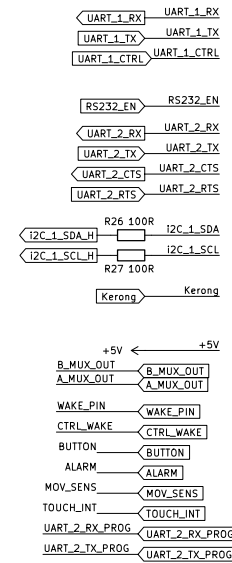
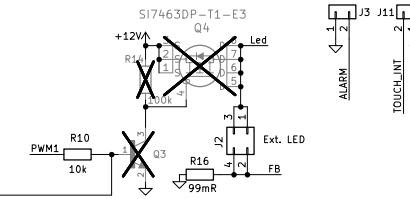
USB Pwr Ctrl



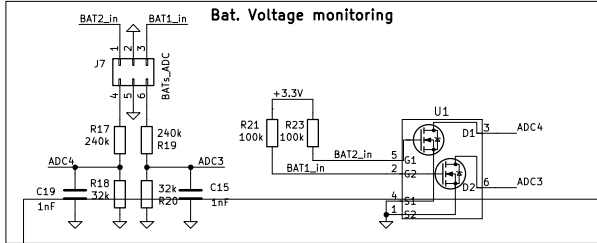
Scanner Ctrl



LED PWR Ctrl



Bat. Voltage monitoring



Sheet: /Connectors/
File: connect.kicad_sch

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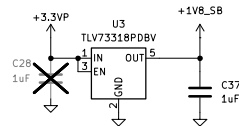
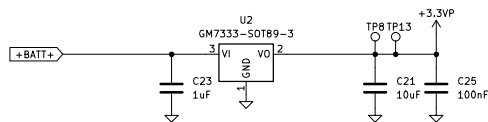
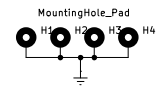
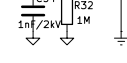
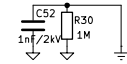
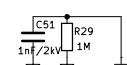
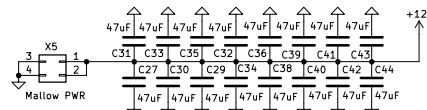
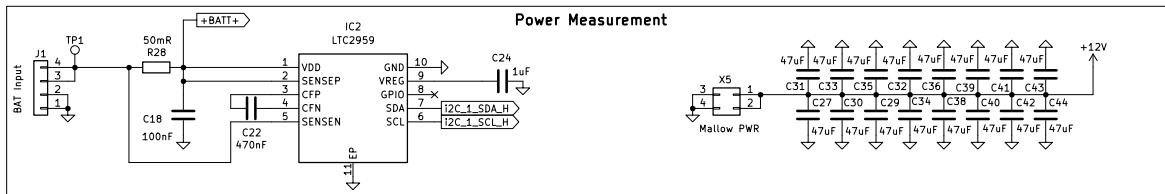
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Date:

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Sheet: /PSU/
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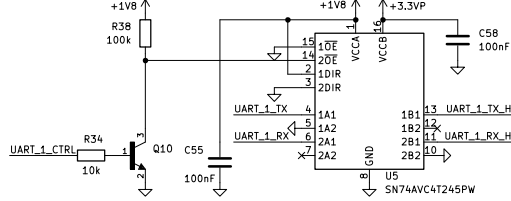
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Date:

Rev:

Id: 3/7

UART_1 LVL shift



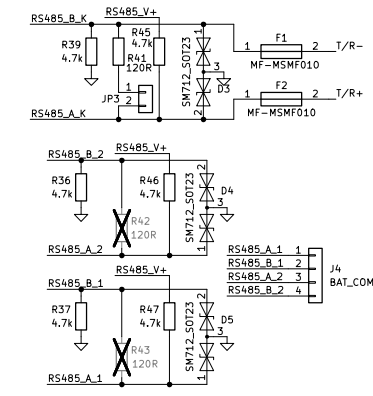
UART_1_RX
UART_1_TX
UART_1_CTRL

Kerong
A_MUX_OUT
B_MUX_OUT

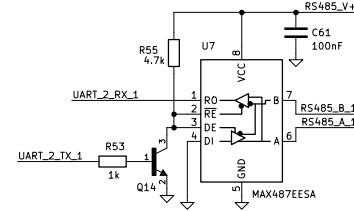
UART_2_RX_2
UART_2_TX_2

UART_2_RX_1
UART_2_TX_1

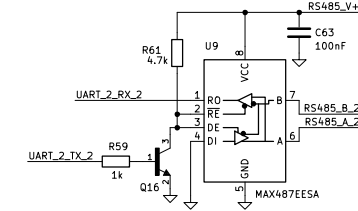
RS485 Protect



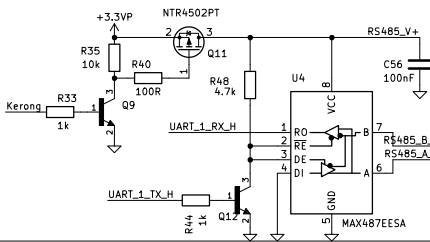
RS485 Conv. bat1



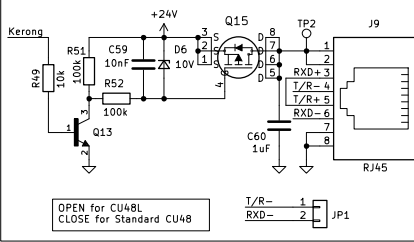
RS485 Conv. bat2



RS485 Conv. kerong



Kerong connection



A.Martins

BLOQ.it

Sheet: /Rs485/

File: RS485.kicad_sch

Title: Mallow Adapter

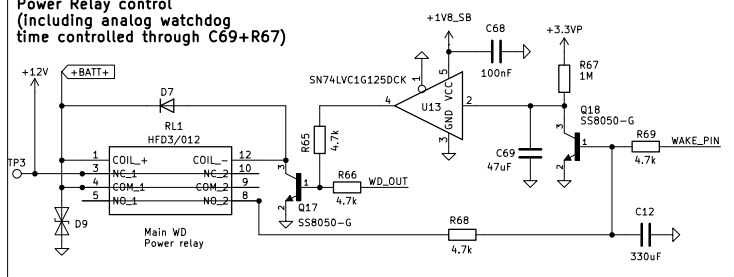
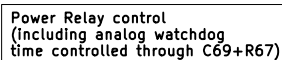
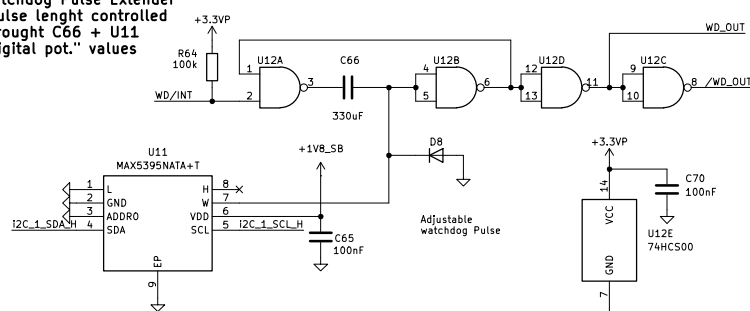
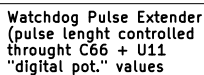
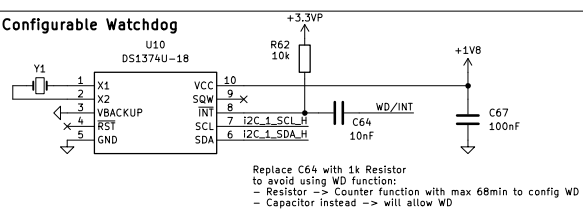
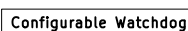
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Date:

Rev: v1.0

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Id: 4/7



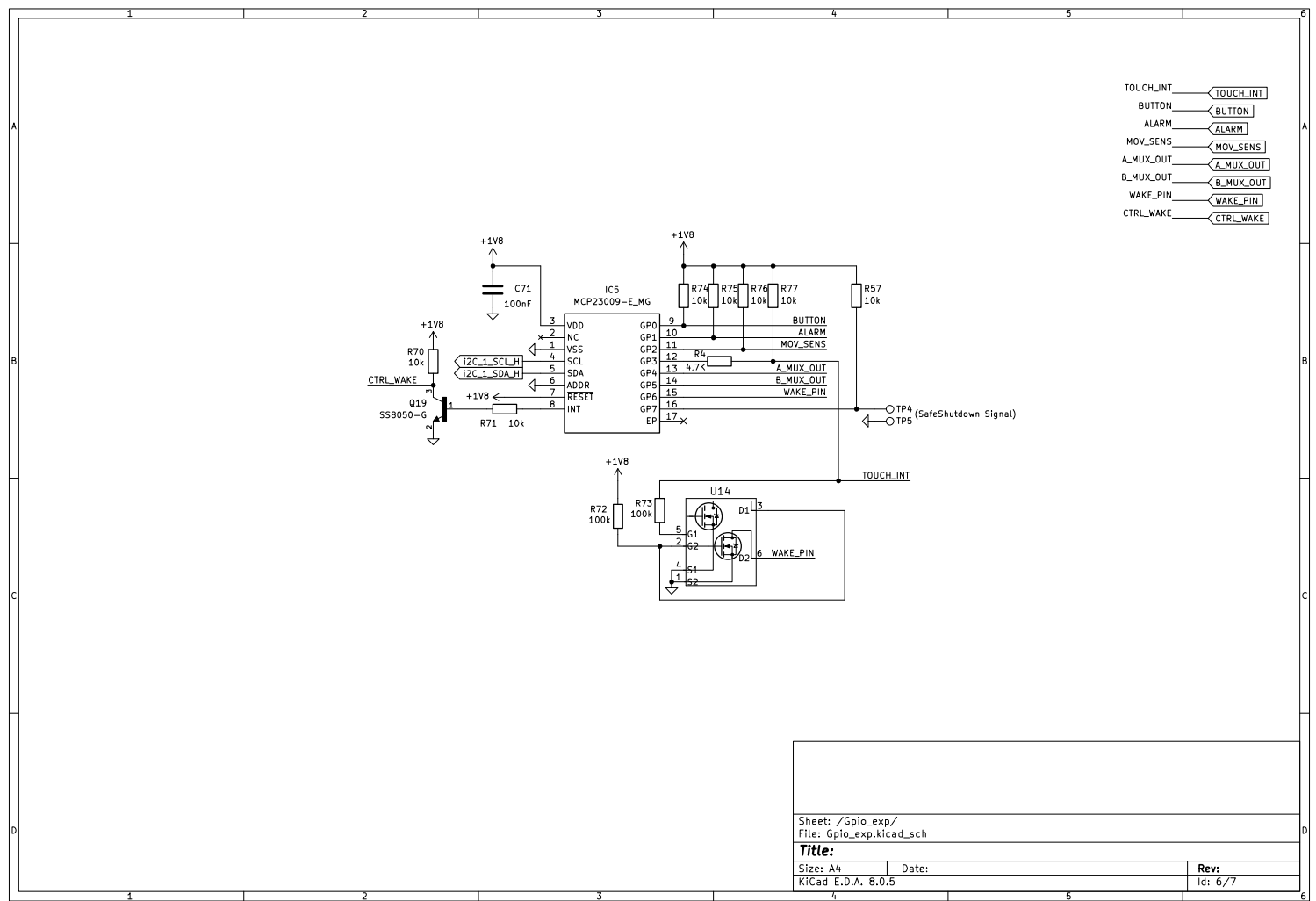
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File: WatchDog.kicad_sch

Title:

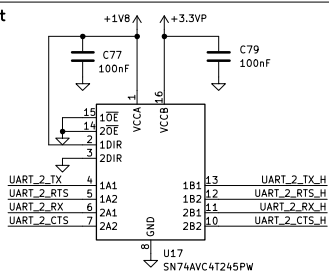
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KiCad E.D.A. 8.0.5	

Date:

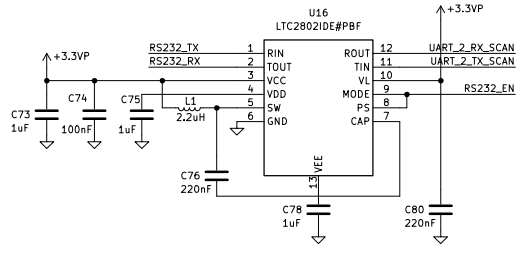
Rev:
Id: 5/7



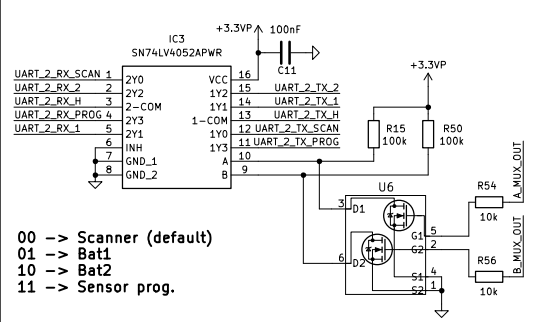
UART_2 LVL Shift



RS232 Conv.



UART2 MUX:



RS232_EN RS232_EN
RS232_RX RS232_RX
RS232_TX RS232_TX

UART_2_RX UART_2_RX
UART_2_TX UART_2_TX
UART_2_RTS UART_2_RTS
UART_2_CTS UART_2_CTS

UART_2_RX_2 UART_2_RX_2
UART_2_TX_2 UART_2_TX_2

UART_2_RX_1 UART_2_RX_1
UART_2_TX_1 UART_2_TX_1

UART_2_RX_PROG UART_2_RX_PROG
UART_2_TX_PROG UART_2_TX_PROG

A_MUX_OUT A_MUX_OUT
B_MUX_OUT B_MUX_OUT

Sheet: /UARTs/
File: untitled.kicad_sch

Title:

Size: A4 Date:

KiCad E.D.A. 8.0.5

Rev:

Id: 7/7