

POWER PMIC

File: Power_PMIC.kicad_sch

GPIO CONNECTORS

File: GPIO_CONNECTORS.kicad_sch

POWER MPU

File: Power_MPU.kicad_sch

USB

File: USB_Host_Hub&TypeC_DRP.kicad_sch

HDMI

File: HDMI.kicad_sch

DDR3_16bits

File: DDR3_16bits.kicad_sch

DSI_LCD

File: DSI_LCD.kicad_sch

MPU STM32MP1

File: MPU_12v12.kicad_sch

DDR3 MODULES

File: DDR3_MODULES.kicad_sch.kicad_sch

ETHERNET

File: Ethernet.kicad_sch

PERIPHERALS

File: Peripherals.kicad_sch

WLAN BLUETOOTH

File: WLAN_BLUETOOTH.kicad_sch

ST LINK

File: ST_LINK_V2-1.kicad_sch

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COMPANY: **INVENTIVETRONICS**

Sheet: /
File: STM32MPX-6-LAYER-REF.kicad_sch

Title: MA TRONICS

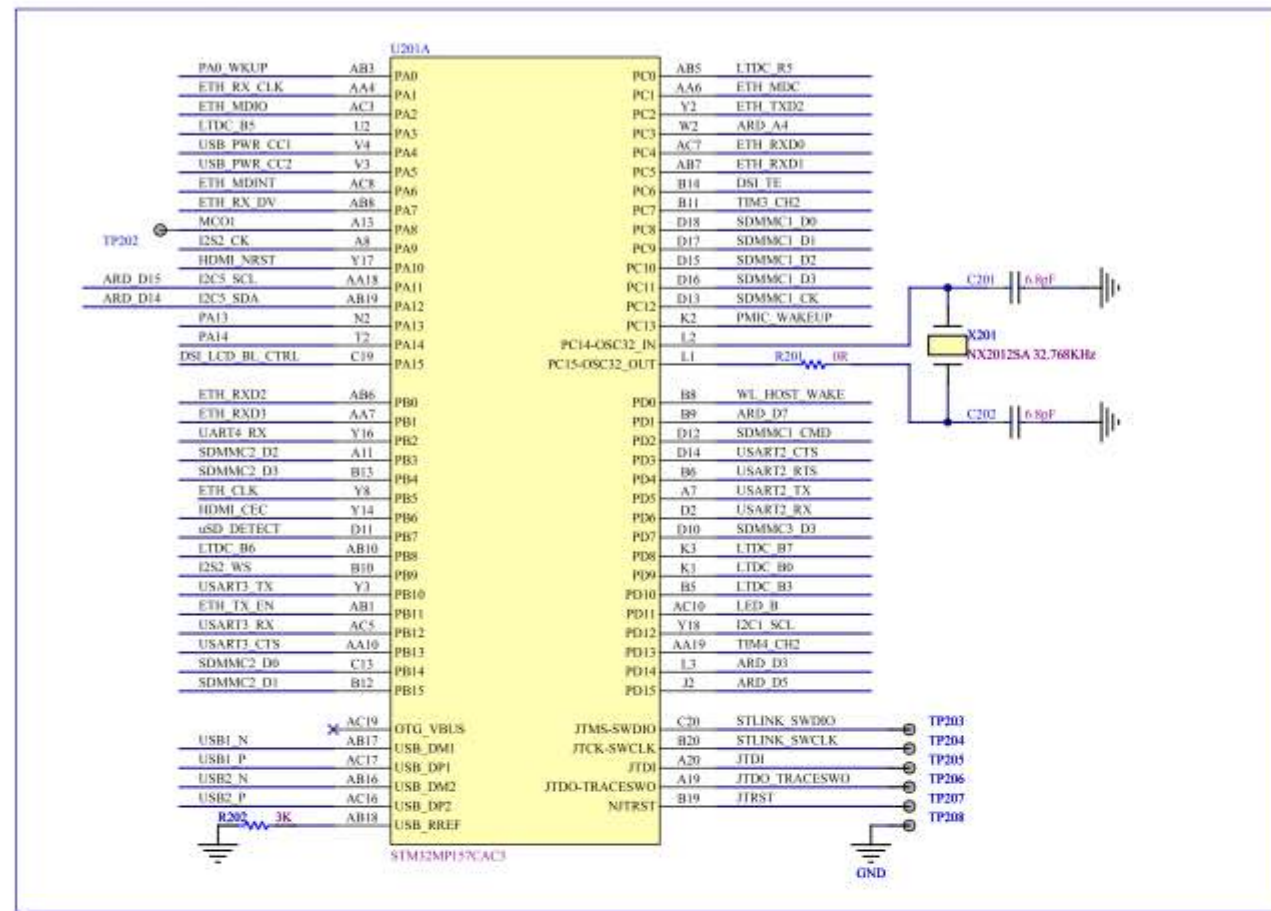
Size: A4 Date: 2023-09-16
KiCad E.D.A. kicad 7.0.2-0

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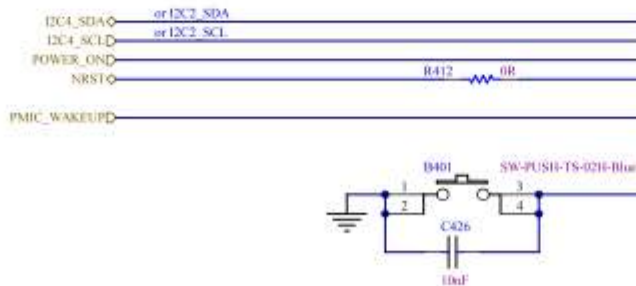
Rev: /
Id: 2/16

1. MPU

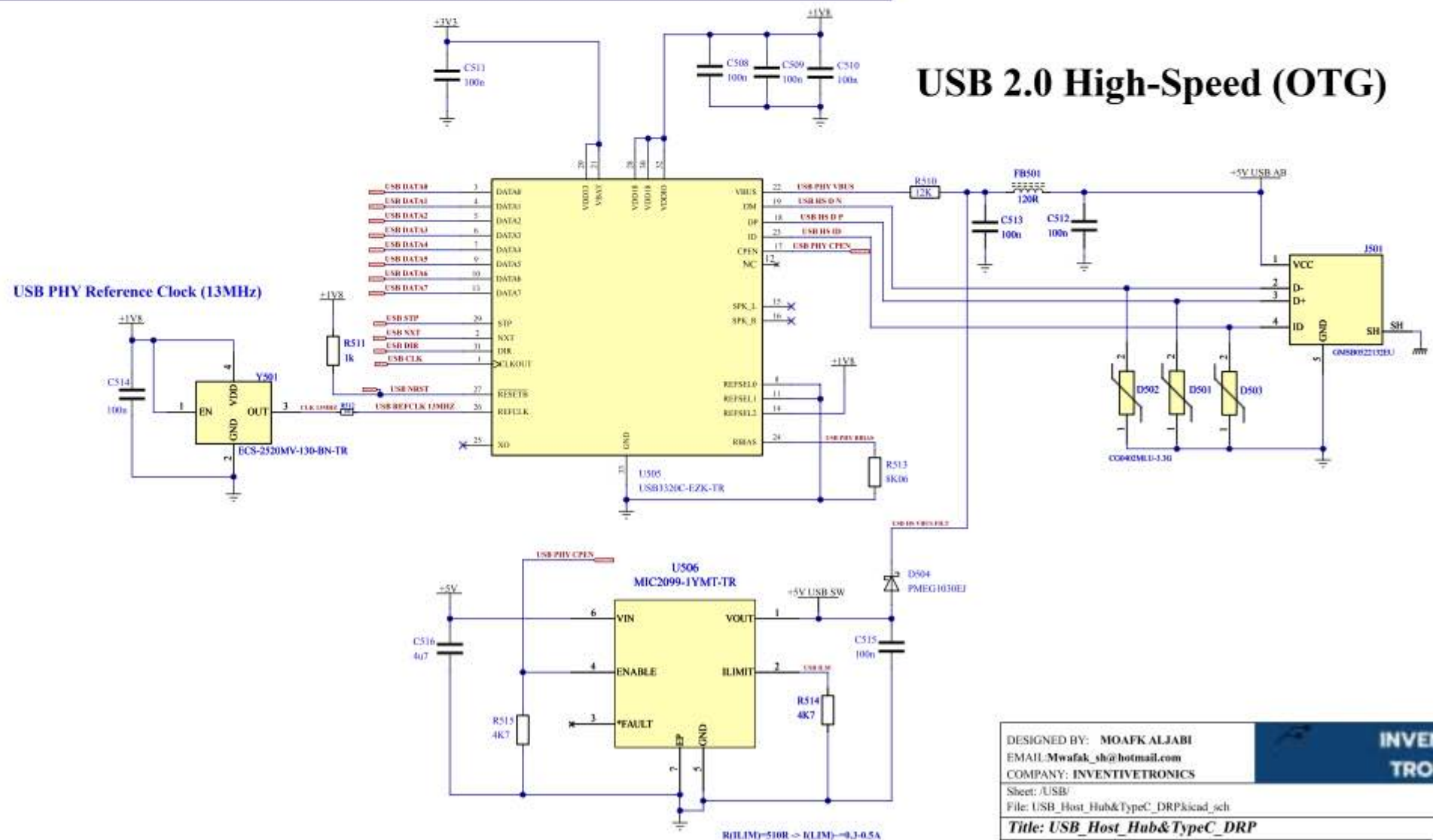
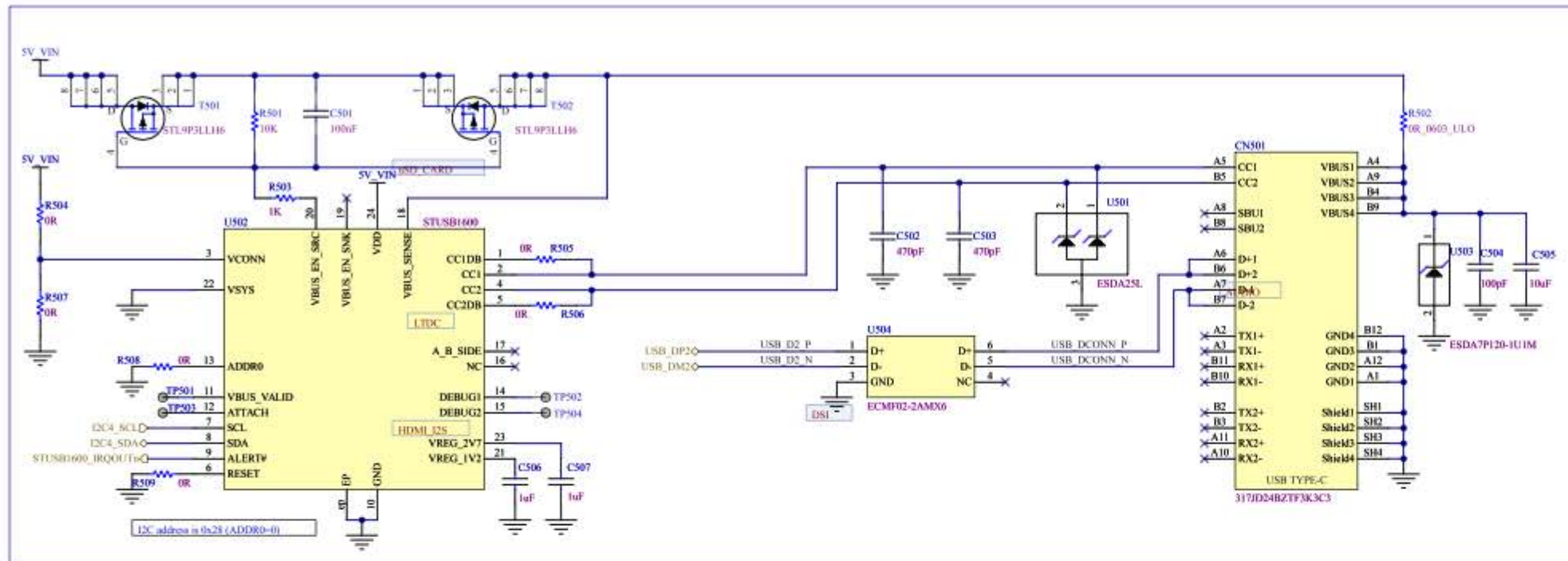
PORTS



F



4.USB_HOST_HUB&TYPEC



USB 2.0 High-Speed (OTG)

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Sheet: /USB/
File: USB_Host_Hub&TypeC_DRP&icnd_sch

Title: USB Host Hub&TypeC DRP

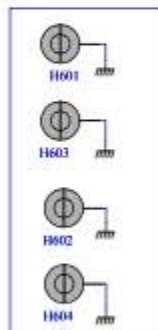
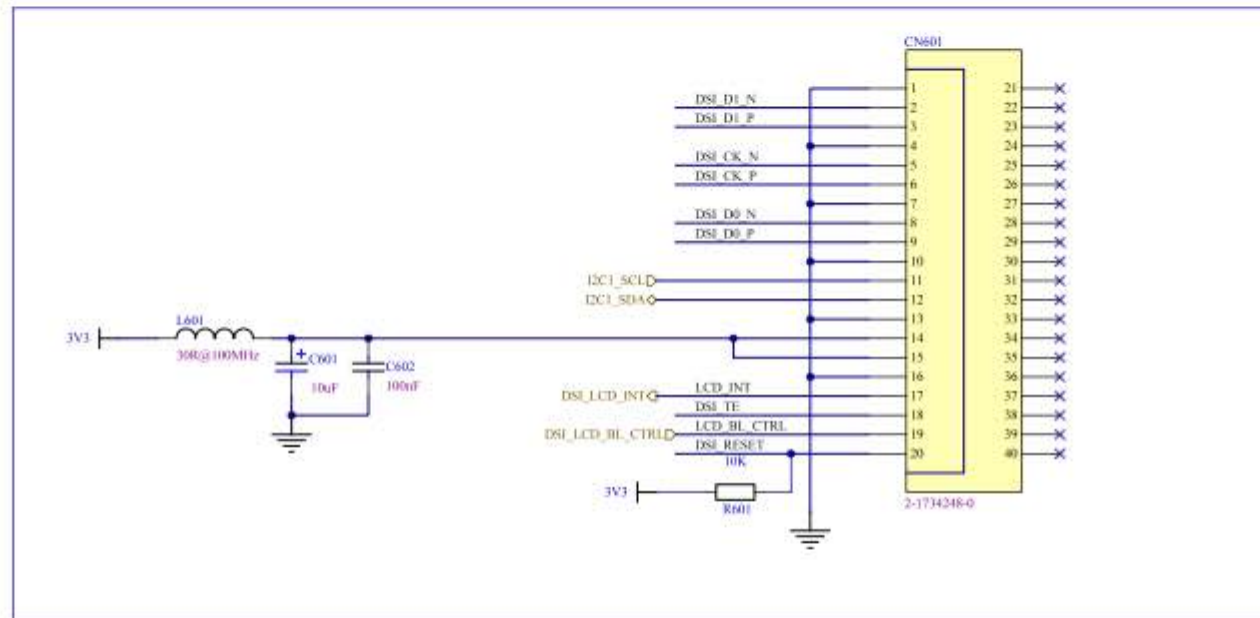
Size: A3	Date:
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Rev: A-01
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5.DSI_LCD

MB1407 I2C Address : 0101 0100



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Sheet: /DSI_LCD/
File: DSI_LCD.kicad_sch

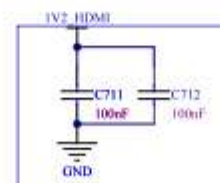
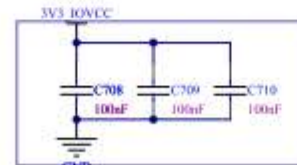
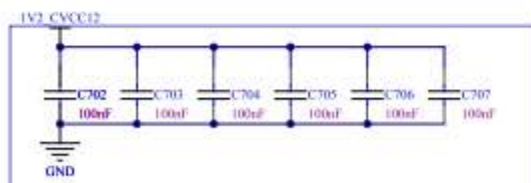
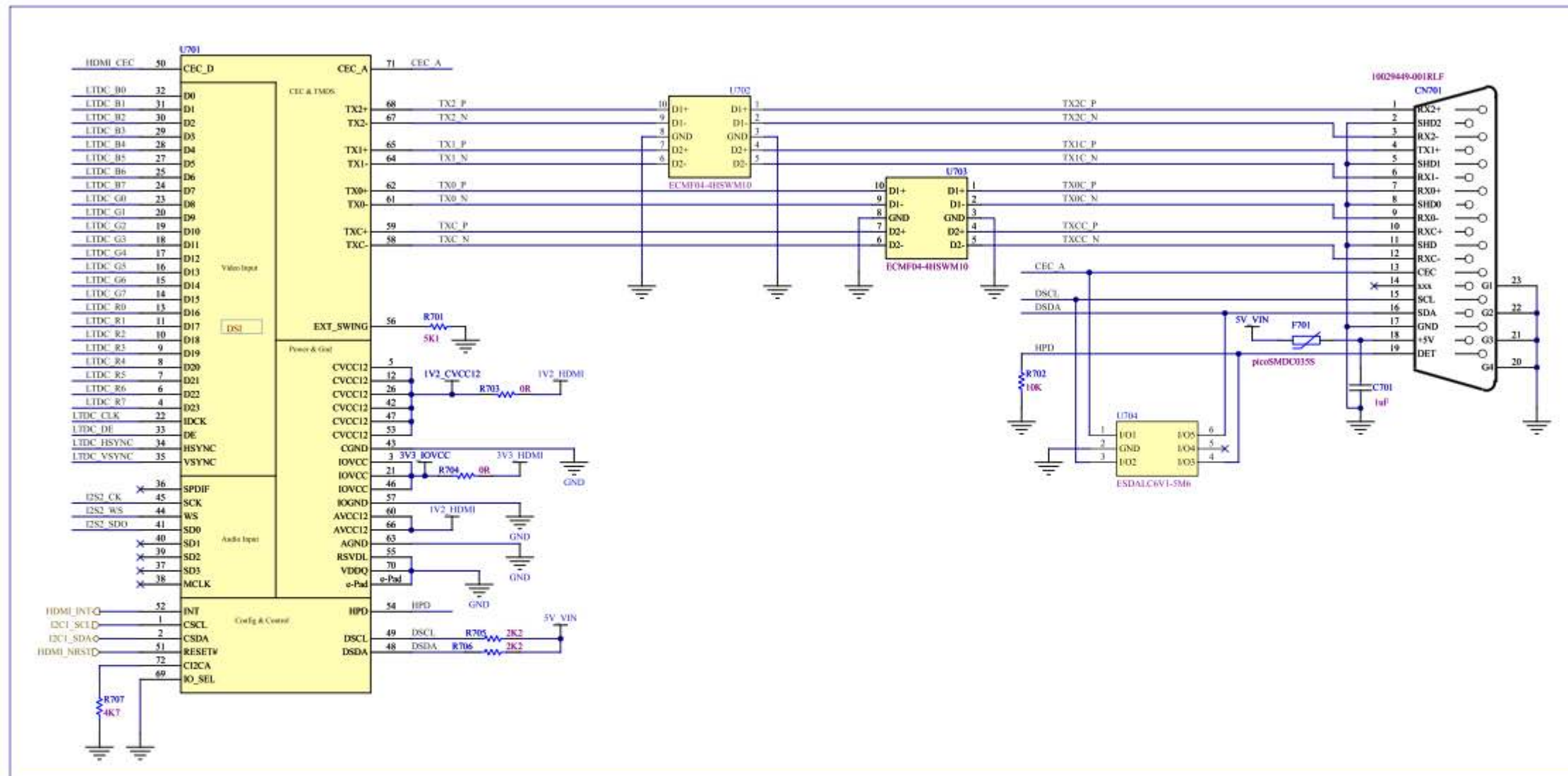
Title: LCD Connector

Size: A4 Date: 2024-01-09
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Rev: 1
Id: 8/16

6.HDMI



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Sheet: /HDMI/
File: HDMI.kicad_sch

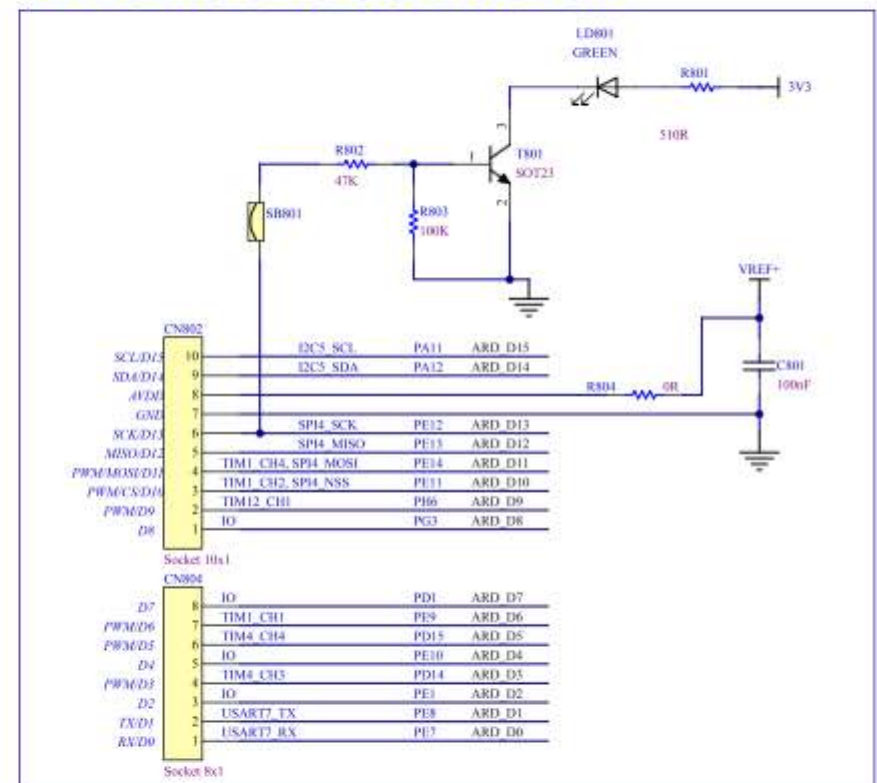
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KiCad E.D.A. kicad 7.0.2-0

Rev: A-01
Id: 9/16

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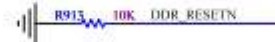
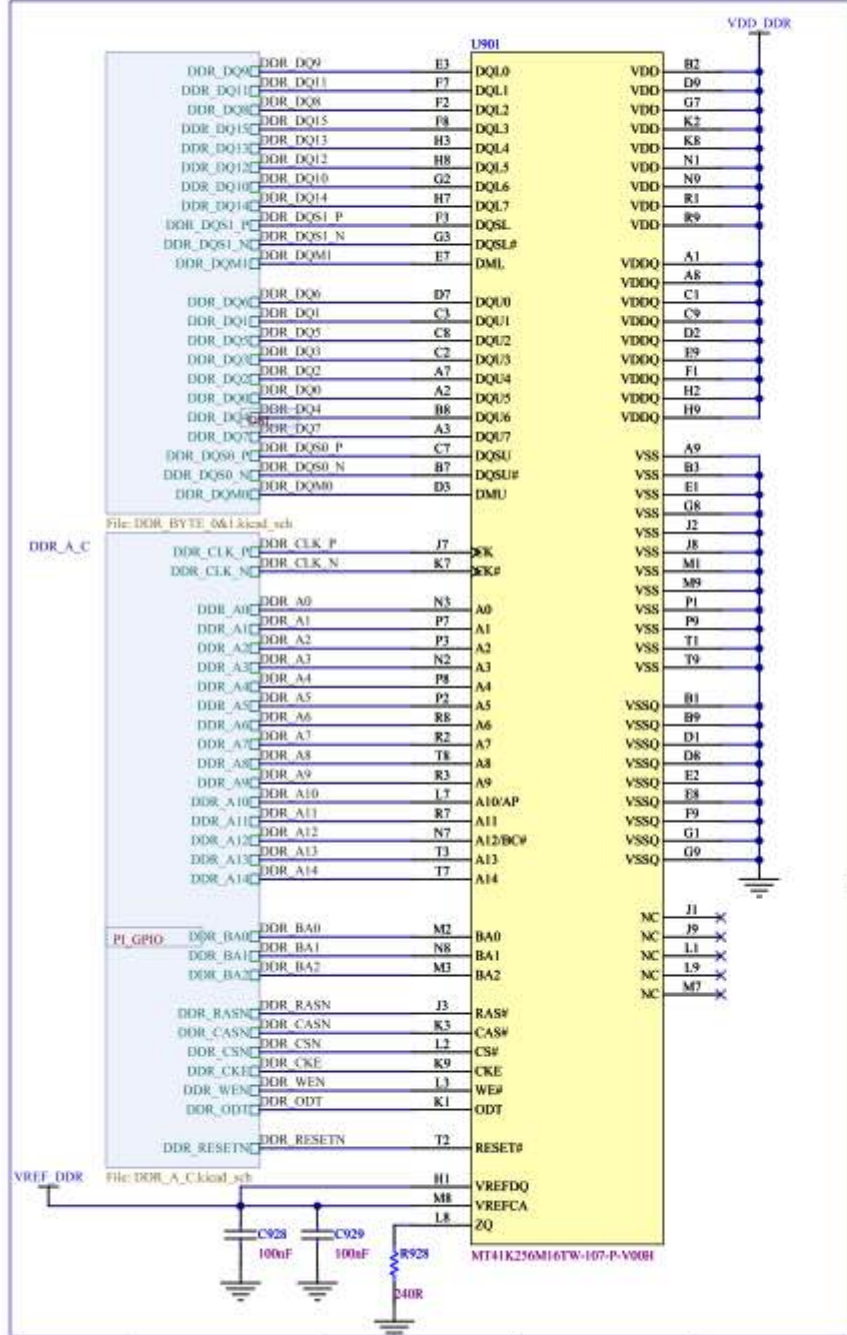
ADC & RESET



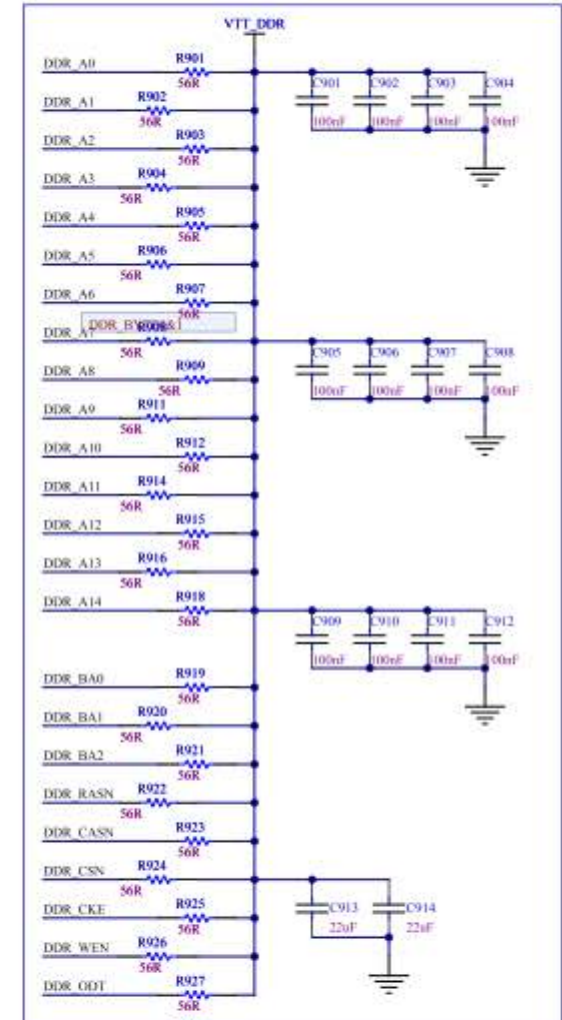
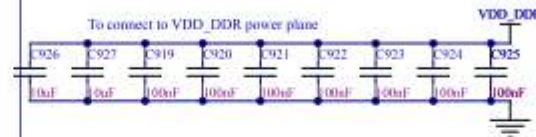
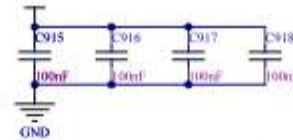
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8.DDR3_16BITS



VDD_DDR



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Sheet: /DDR3_16bits/
File: DDR3_16bits.kicad_sch

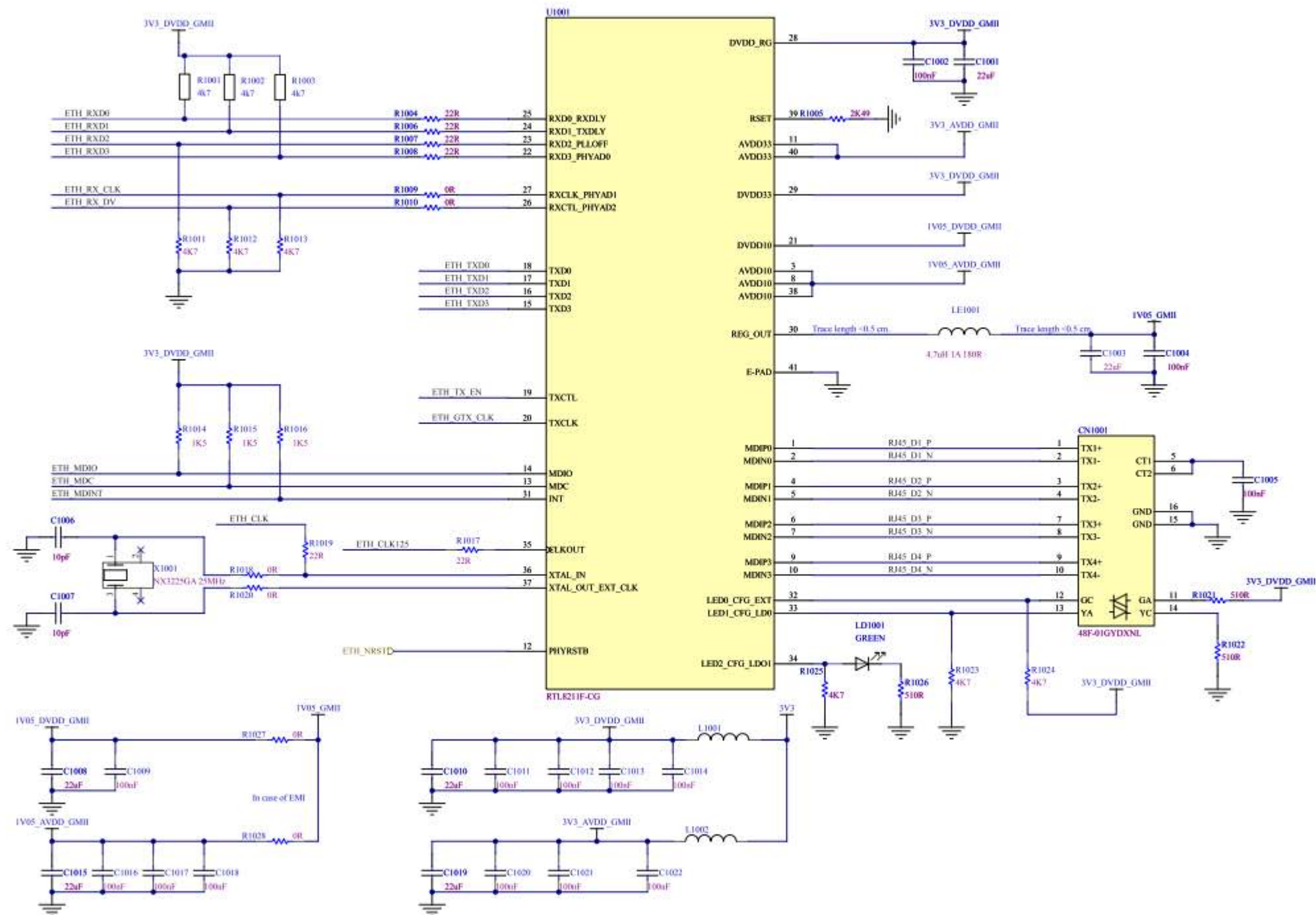
Title: DDR3L 16 bits

Size: A4 Date: 30-MAR-2016
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Rev: A-01
Id: 11/16

9. ETHERNET



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EMAIL: Mwafak_sh@hotmail.com
COMPANY: INVENTIVETRONICS
Sheet: /ETHERNET/
File: Ethernet.kicad_sch

Title: Ethernet

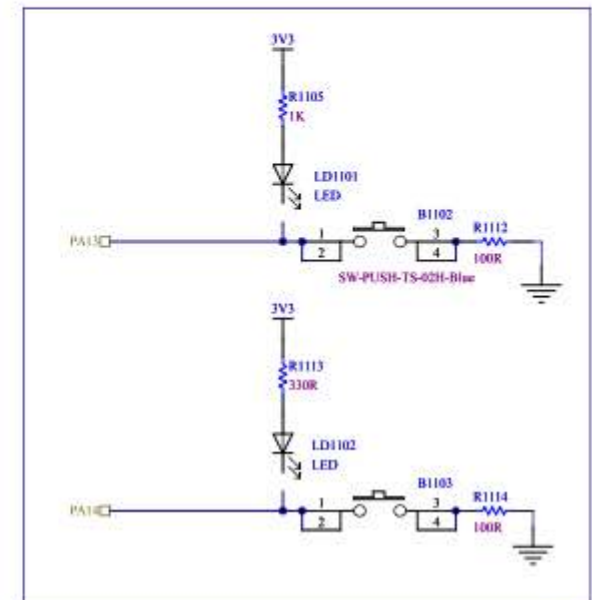
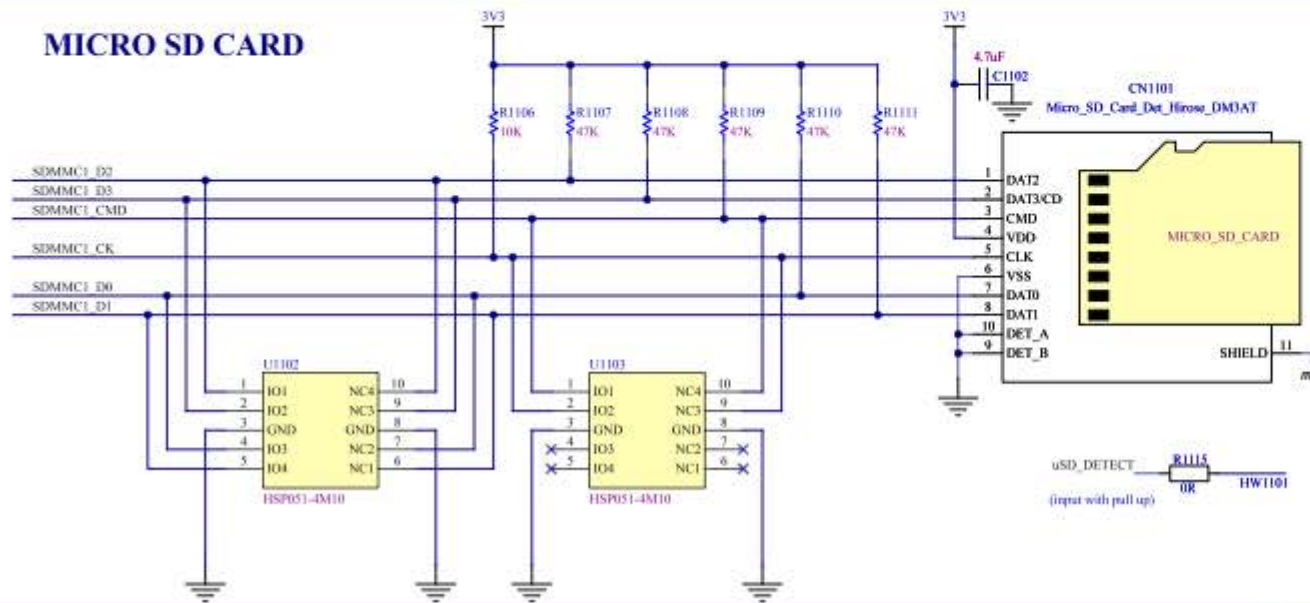
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KiCad E.D.A. kicad 7.0.2-0

Rev: A-01
Id: 12/16

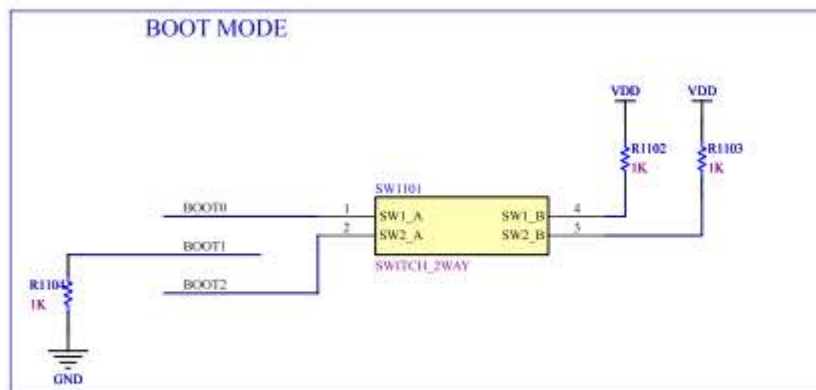
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10.PERIPHERALS

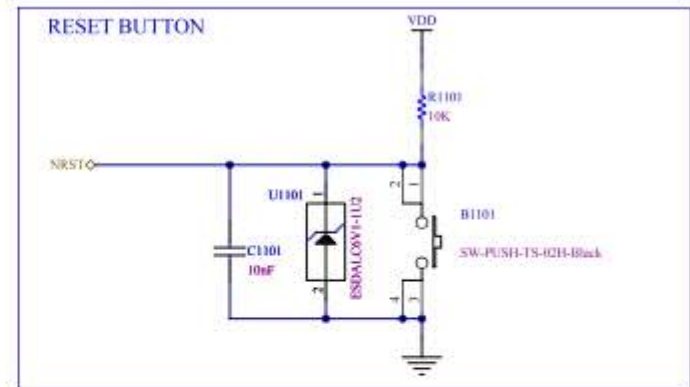
MICRO SD CARD



BOOT MODE



RESET BUTTON



DESIGNED BY: MOAFK ALJABI
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Sheet: /PERIPHERALS/
File: Peripherals.kicad_sch

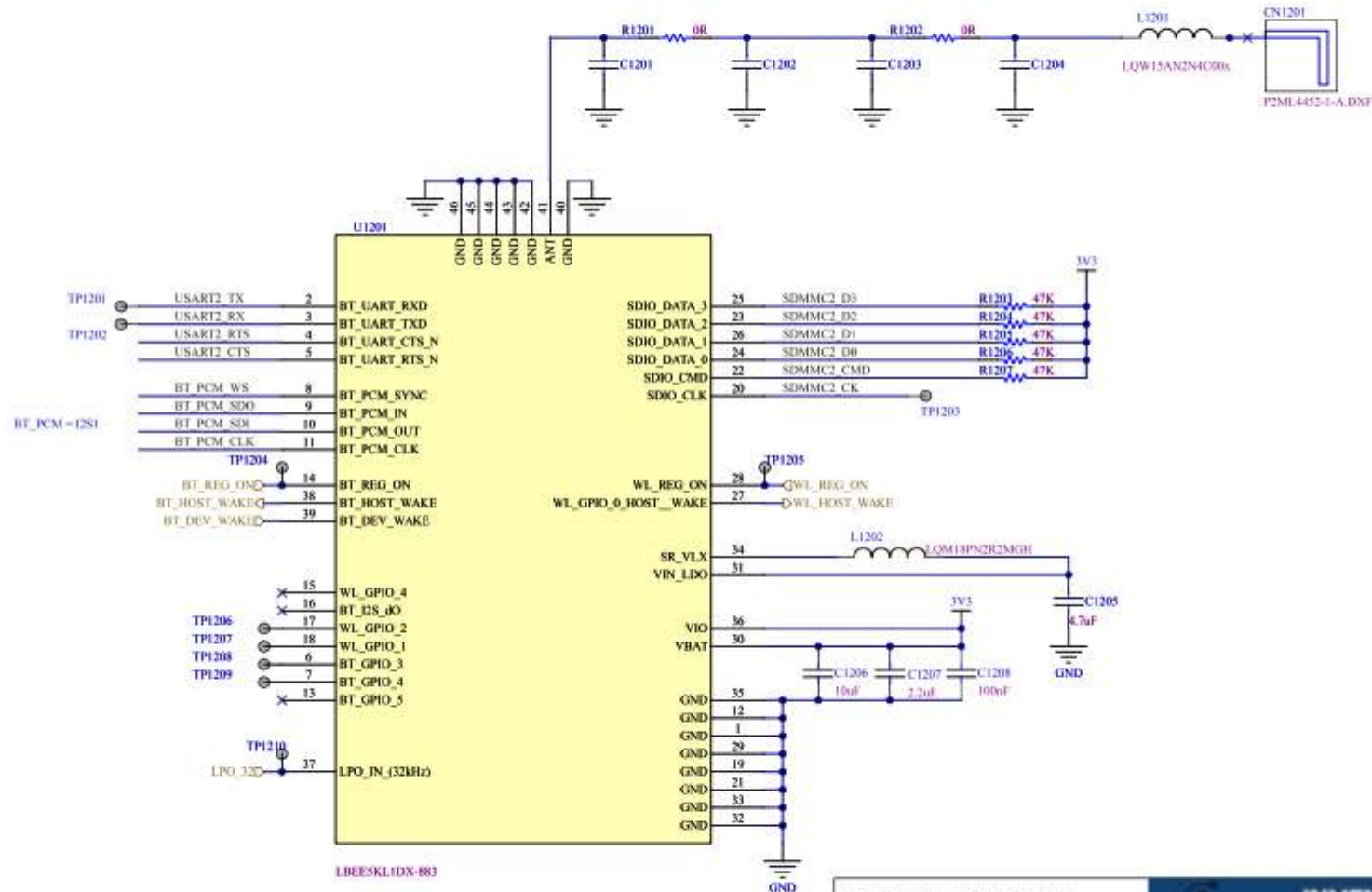
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KiCad E.D.A. kicad 7.0.2-0

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11.WLAN_BLUETOOTH



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Sheet: /WLAN_BLUETOOTH/
File: WLAN_BLUETOOTH.kicad_sch

Title: WLAN_BLUETOOTH

Size: A4 Date: 21-MAR-2018
KiCad E.D.A. kicad 7.0.2-0

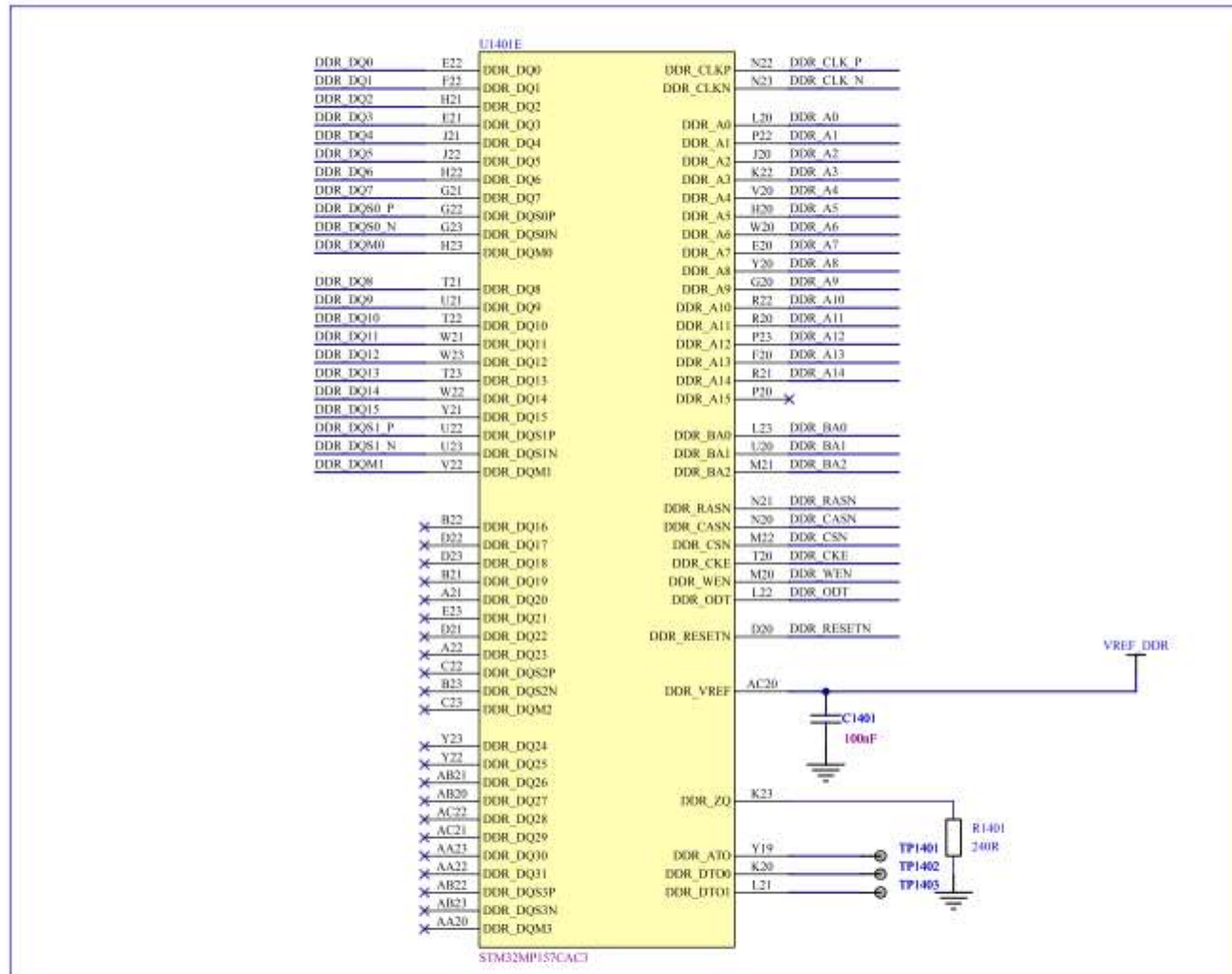
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Id: 14/16

ST-LINK MCU

Rev: A-01
Id: 15/16

13.DDR3 STM



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Sheet: /DDR3 MODULES/
File: DDR3_MODULES.kicad_sch.kicad_sch

Title:

Size: A4


Date:



Rev:

KiCad E.D.A. kicad 7.0.2-0

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	1	2	3	4	5	6
A						A
B						B
C						C
D	<div> <div> DESIGNED BY: MOAFK ALJABI EMAIL: Mwafak_sh@hotmail.com COMPANY: INVENTIVETRONICS </div> <div>  </div> </div> <div> Sheet: /DDR3_16bits/DDR_BYTE_0&1/ File: DDR_BYTE_0&1.kicad_sch </div> <div> <div>Title:</div> <div> <div>Size: A4</div> <div>Date:</div> <div>Rev:</div> </div> <div> KiCad E.D.A. kicad 7.0.2-0 </div> <div> Id: Harness#16  </div> </div>					D
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C						C
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