

MRZG2LSEVK

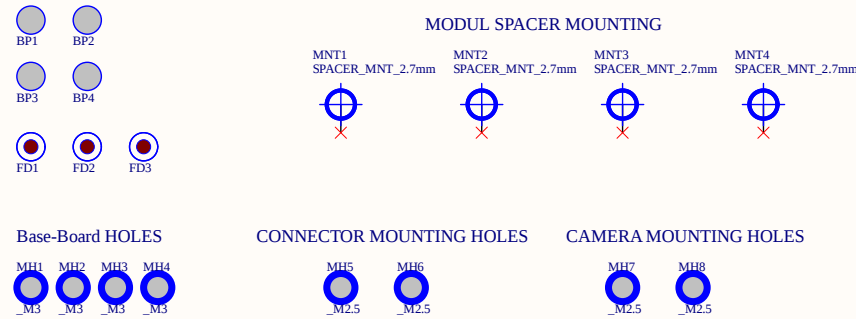
TFT Interface and Touch Controller

Table of Content

Sheet #	Description
1	Title page. ToC, Revision History.
2	SMARC-A (MXM3)
3	SMARC-B (MXM3)
4	SYSTEM
5	USB + ETHERNET
6	CAN-BUS
7	DISPLAY_DP
8	DISPLAY_RGB
9	DISPLAY_LVDS
10	CAMERA
11	POWER

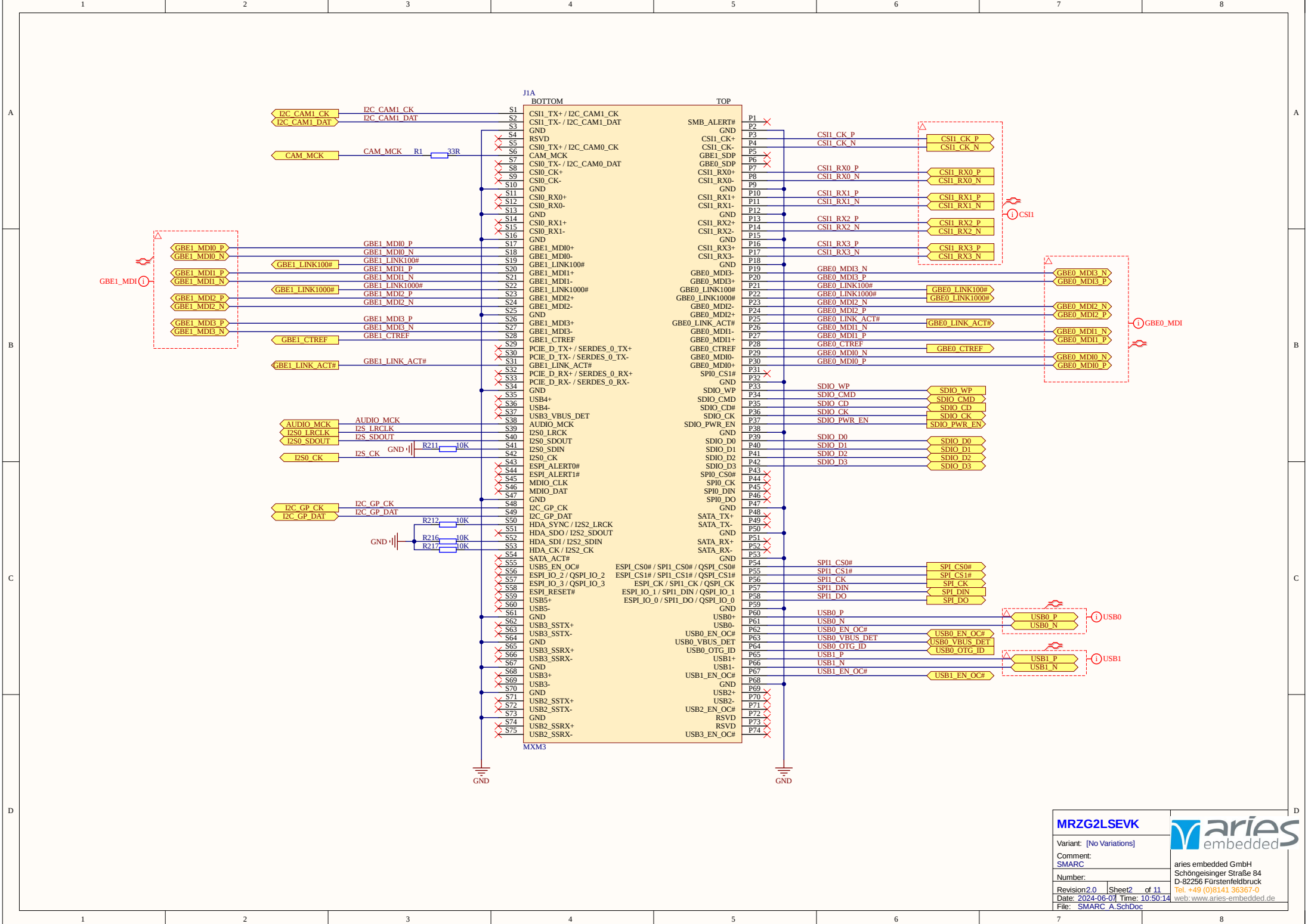
Revision History

Revision	Date	Changes
1.00	2023-09-07	Init. Version MRZG2LSEVK
2.00	2024-05-14	Update (DP-Port:AUX-Bus,Fuse), Button, Spacer



MRZG2LSEVK
Variant: [No Variations]
Comment: SMARC
Number:
Revision 2.0 | Sheet 1 of 11
Date: 2024-06-07 | Time: 10:50:14
File: TitlePage.SchDoc

ari^{as} embedded
ari^{as} embedded GmbH
Schöngesinger Straße 84
D-82256 Fürstenfeldbruck
Tel. +49 (0)8141 36367-0
web: www.ari^{as}-embedded.de



MRZG2LSEVK

Variant: [No Variations]

Comment: SMARC

Number:

Revision2.0 | Sheet2 of 11

Date: 2024-06-01 | Time: 10:50:14

File: SMARC_A.SchDoc

arias embedded GmbH
Schöngesinger Straße 84
D-82256 Fürstfeldbruck
Tel. +49 (0)8141 36367-0
web: www.arias-embedded.de

A

A

B

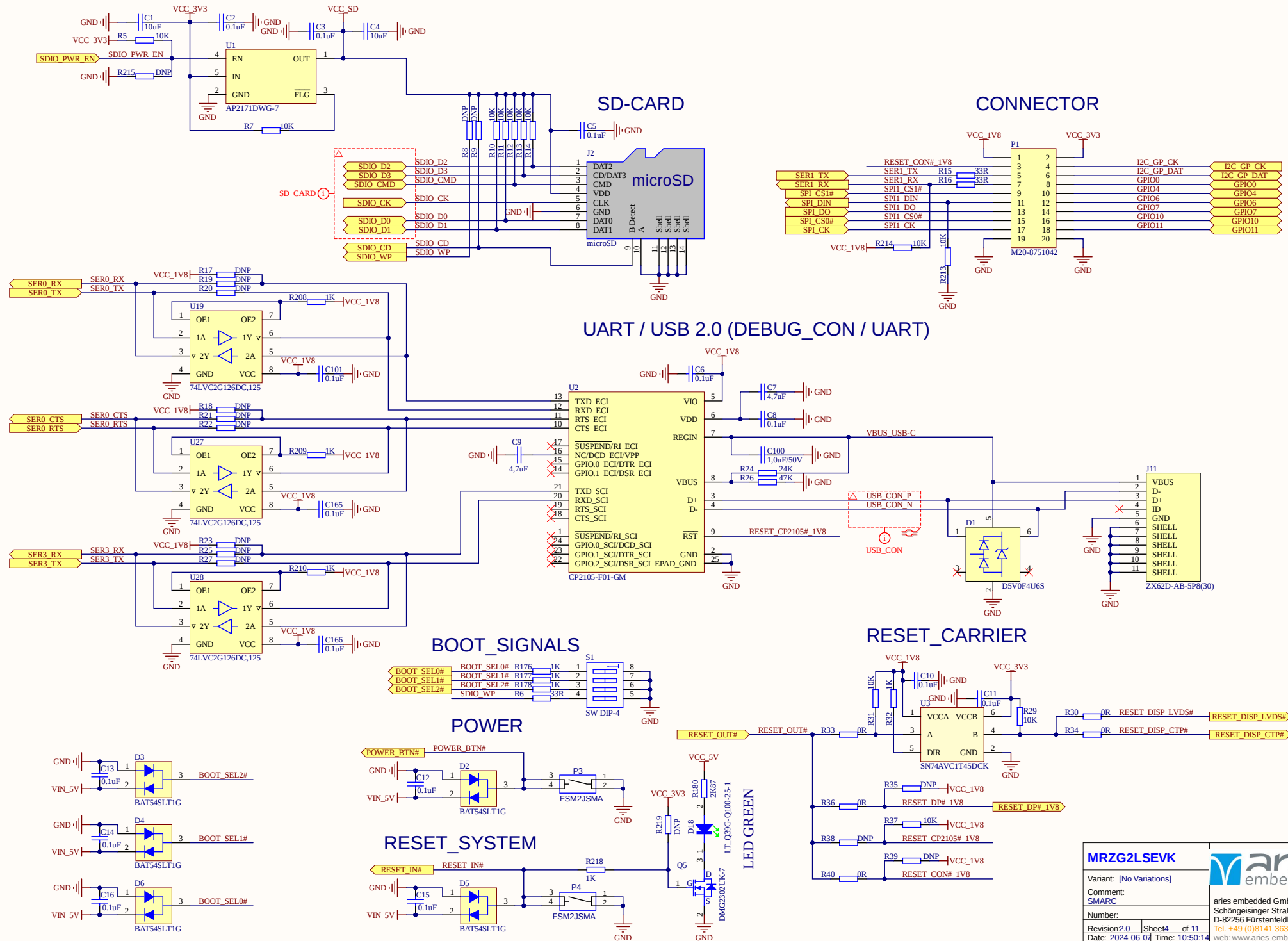
B

C

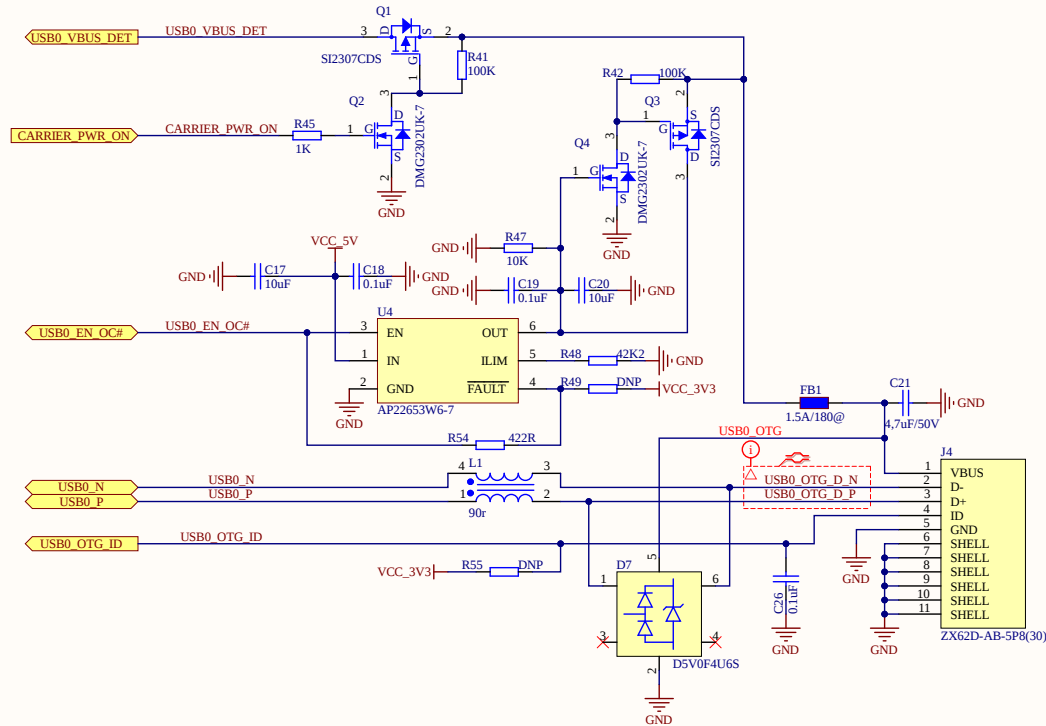
C

D

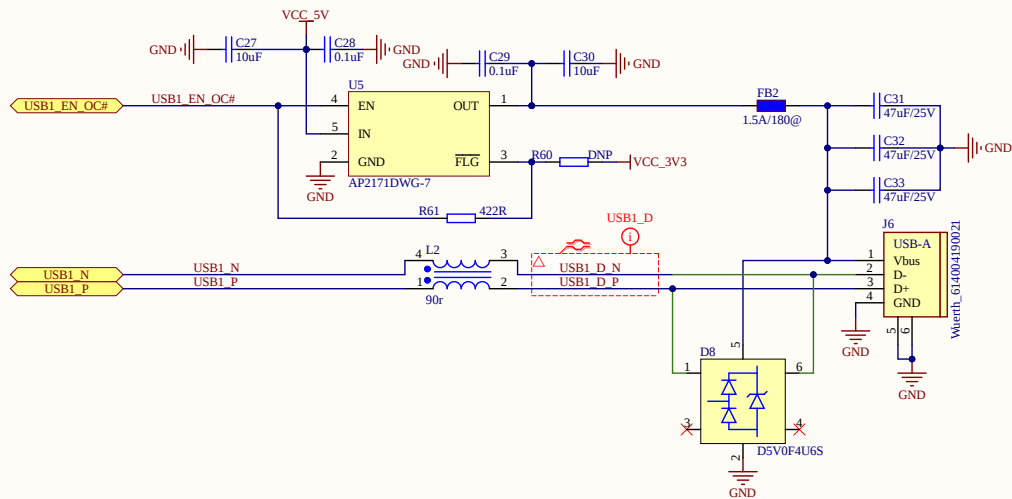
D



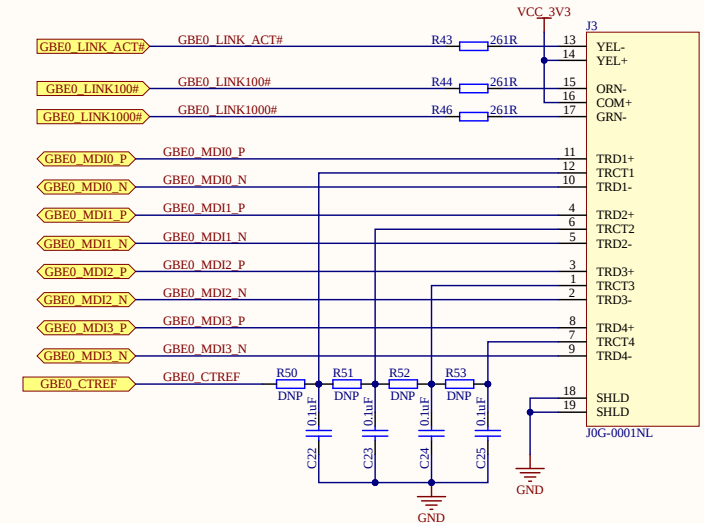
USB0 (OTG)



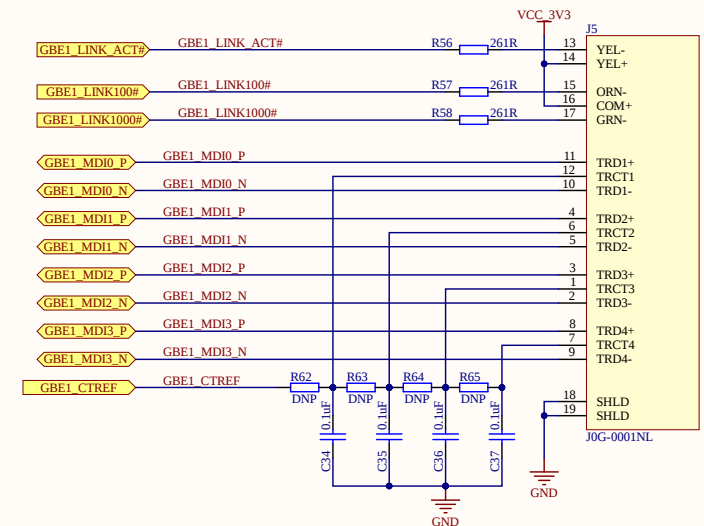
USB1 (HOST)



ETHERNET 0



ETHERNET 1



MRZG2LSEVK

Variant: [No Variations]

Comment:

SMARC

Number:

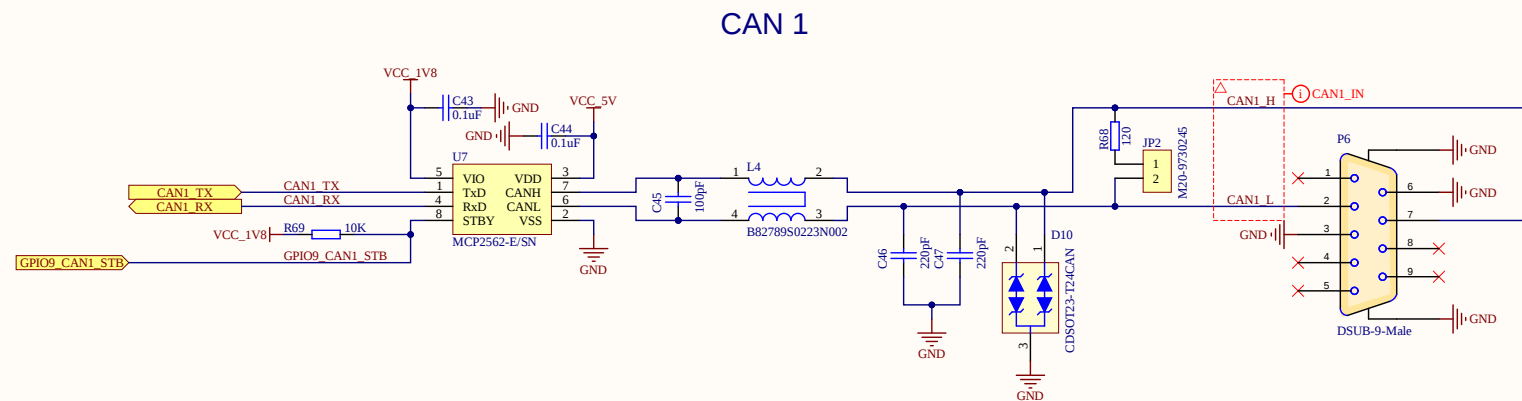
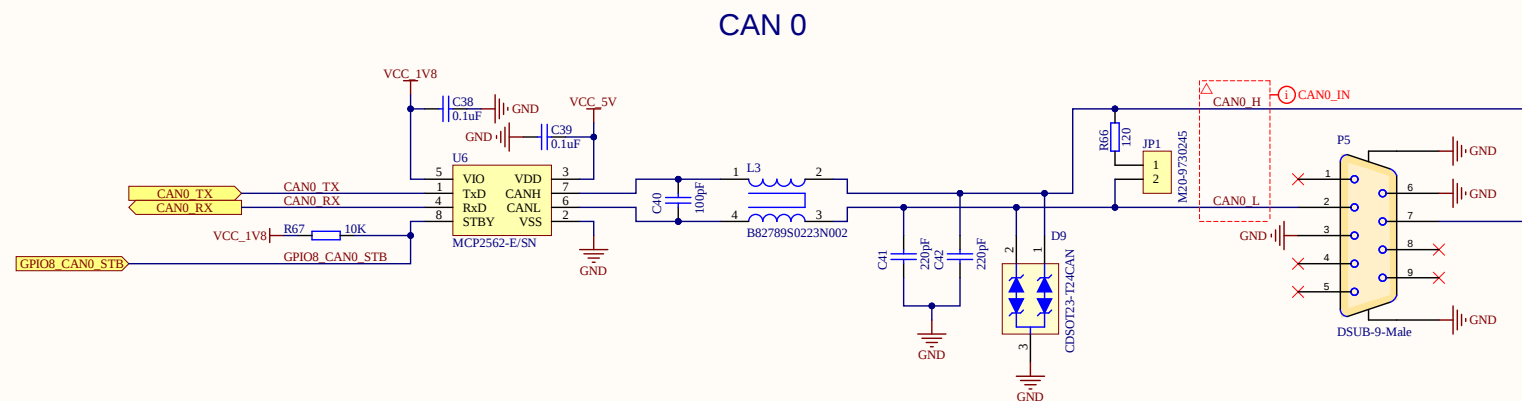
Revision 2.0 of 11

Date: 2024-06-07 Time: 10:50:15

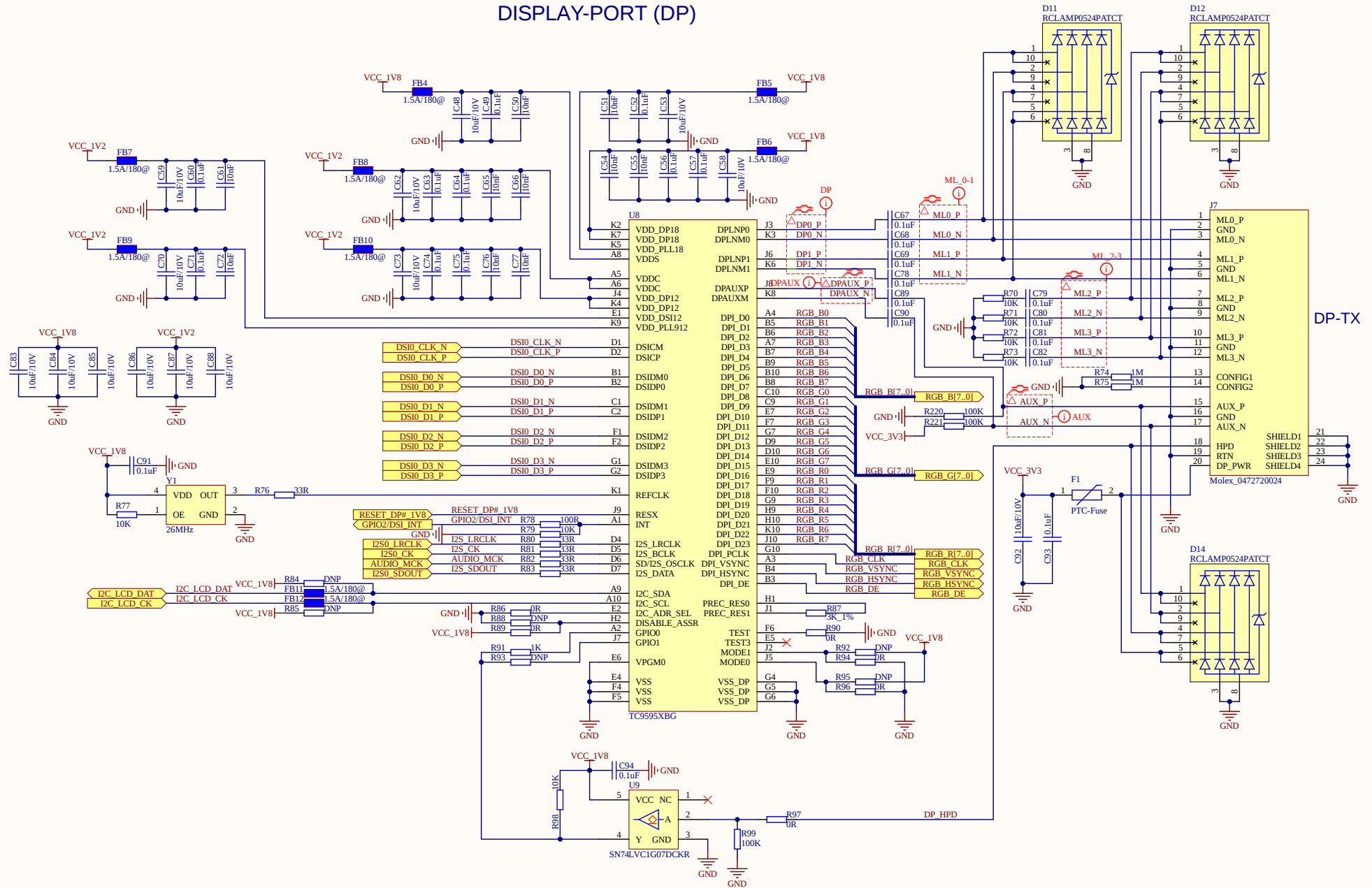
File: USB_ETHERNET.SchDoc



arias embedded GmbH
Schöngeisinger Straße 84
D-82256 Fürstenfeldbruck
Tel. +49 (0)8141 36367-0
web: www.arias-embedded.de

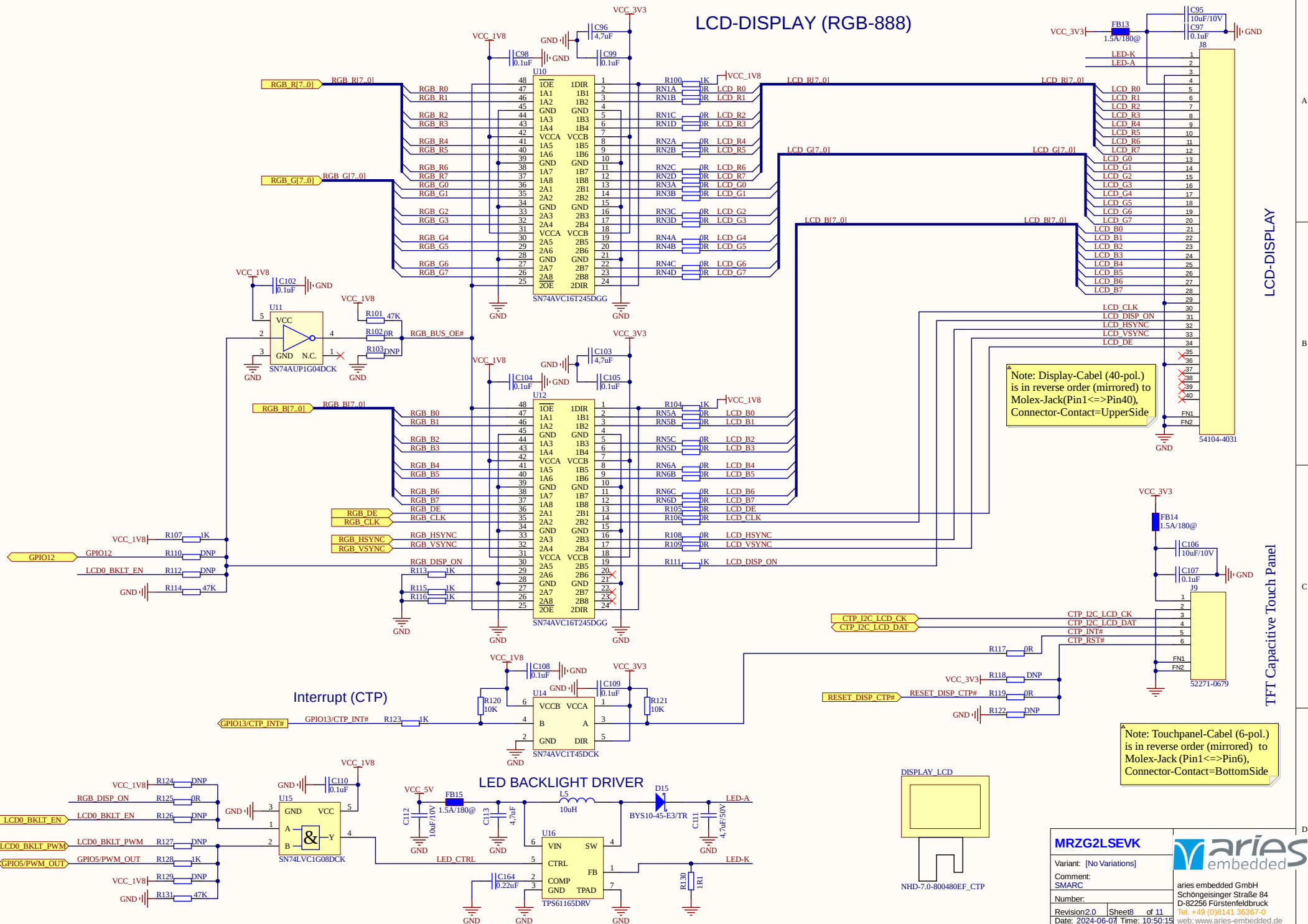


DISPLAY-PORT (DP)



aries embedded GmbH
Schöngeisinger Straße 84
D-82256 Fürstenfeldbruck
Tel. +49 (0)8141 36367-0
web: www.aries-embedded.de

LCD-DISPLAY (RGB-888)



CAMERA

