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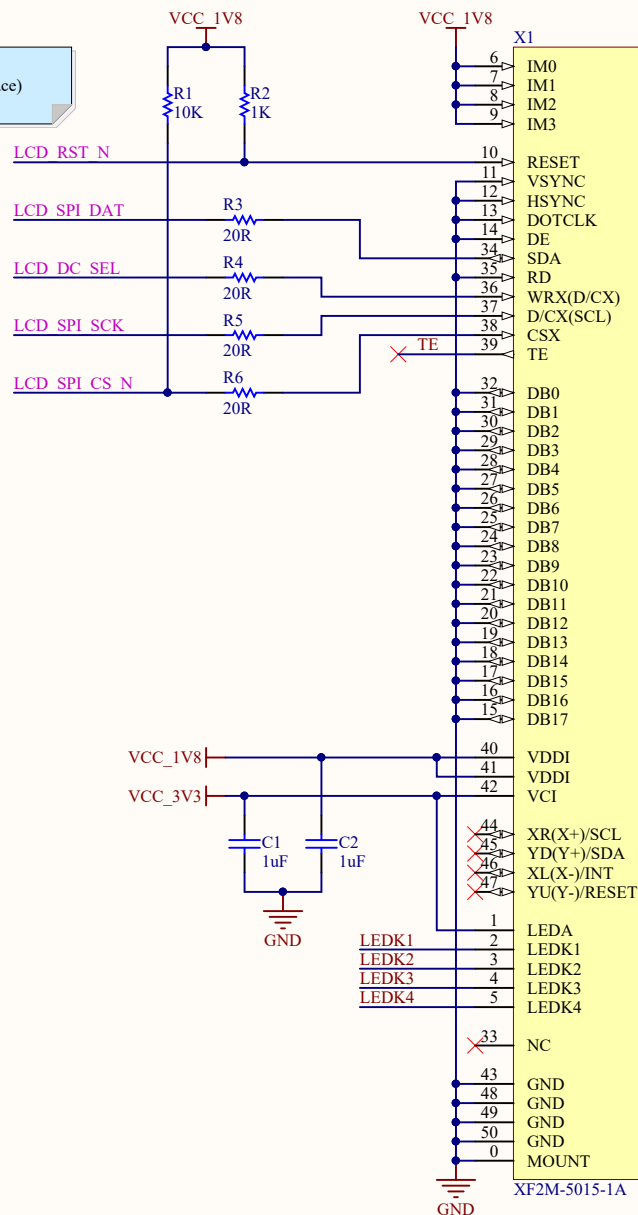
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Title: D-board.Header		
File: 0_HEADER.SchDoc	Size: A4	
Drawn by: Vaagn Oganessian	Version: v1.1.0	
Date: 25.12.2021	Time: 19:22:51	Sheet: 1 of 4

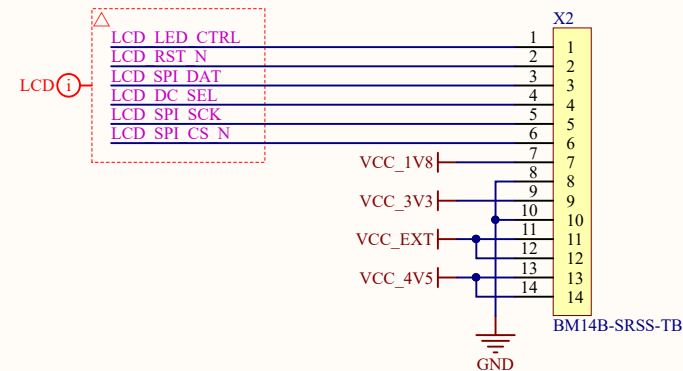
openIRV

Display connector

Display interface operation mode:
IM[3:0] = 1111 (4-wire 8-bit data serial interface)



P-board connector



Title: D-board.Connectors

File: 1_CONNECTORS.SchDoc

Size: A4

Drawn by: Vaagn Oganasyan

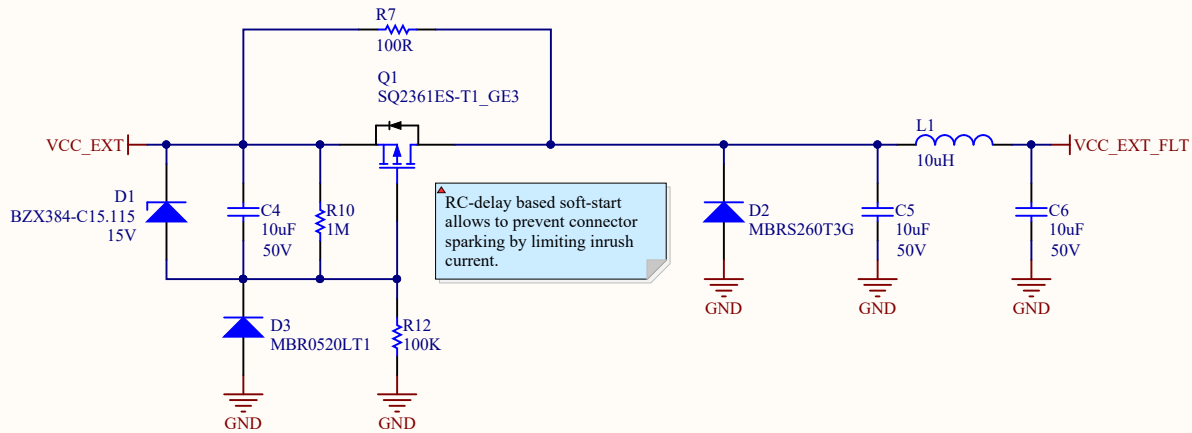
Version: v1.1.0

Date: 25.12.2021 Time: 19:22:51

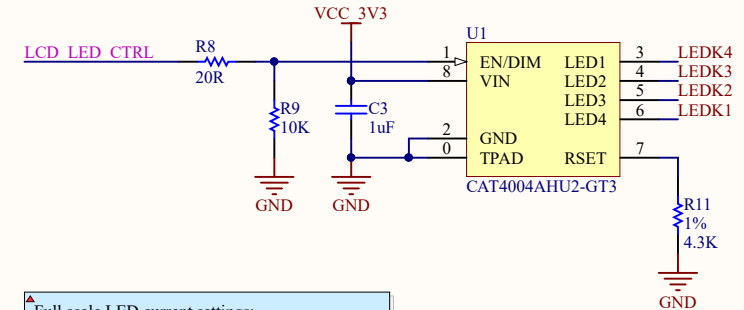
Sheet: 2 of 4

openIRV

EXT power input soft-start & low-pass filter



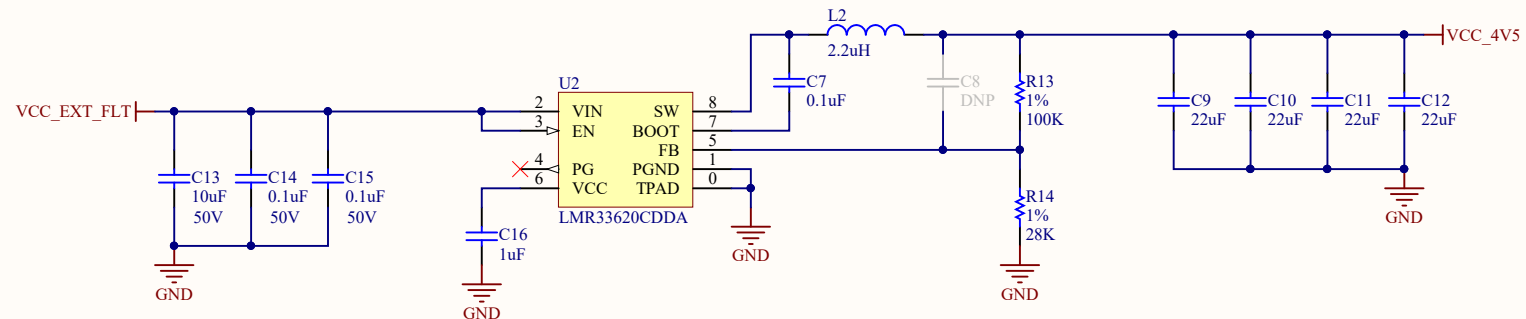
Display backlight



Full scale LED current settings:

$V_{rset} = 0.6V$
 $I = 17.5ma$ (recommended single led current)
 $R_{set} = 125 * V_{rset} / I$
 $R_{set} = 125 * 0.6V / 17.5ma = 4.3K$

EXT power



Title: D-board.Power

File: 2_POWER.SchDoc

Size: A4

Drawn by: Vaagn Oganessian

Version: v1.1.0

Date: 25.12.2021 Time: 19:22:51

Sheet: 3 of 4

openIRV

v1.1.0

> public release

Title: D-board.ChangeLog		
File: 3_CHANGELOG.SchDoc	Size: A4	
Drawn by: Vaagn Oganessian	Version: v1.1.0	
Date: 25.12.2021	Time: 19:22:51	Sheet: 4 of 4

open**IRV**