Table of Content

| Page 1 | 01.Index_and_Notes |
|---------|--------------------------------|
| Page 2 | 02.Revision_History |
| Page 3 | 03.Block_Diagram |
| Page 4 | 04.HDMI0 OUT |
| Page 5 | 05.Ethernet |
| Page 6 | 06.MicroSD Card |
| Page 7 | 07.PCIE2.0 |
| Page 8 | 08.AUDIO |
| Page 9 | 09.LCD_eDP TX |
| Page 10 | 10.MIPI_LCD_TX0 |
| Page 11 | 11.MIPI_CSI_RX |
| Page 12 | 12.USB OTG/ HUB |
| Page 13 | 13.USB HOST |
| Page 14 | 14.FAN RTC BAT |
| Page 15 | 15.Power-DC IN |
| Page 16 | 16.40PIN CONNECT |
| Page 17 | 17.GPIO+VCC_Connector |
| Page 18 | 18.High Speed Serial_Connector |
| Page 19 | 19.IO_Connector |
| Page 20 | 20.MIPI_LCD_TX1 |
| | |

Generate Bill of Materials

Header:

Item\tPart\tDescription\tPCB Footprint\tReference\tQuantity\tOption

Combined property string:

 $\{Item\}\t\{Value\}\t\{Description\}\t\{PCB Footprint\}\t\{Reference\}\t\{Quantity\}\t\{Option\}$

Description

Note

Option

Notes

Component parameter description
1. DNP stands for component not mounted temporarily
2. If Value or option is DNP, which means the area is reserved without

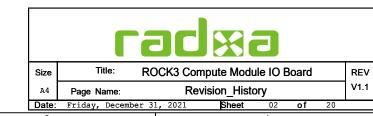
being mounted

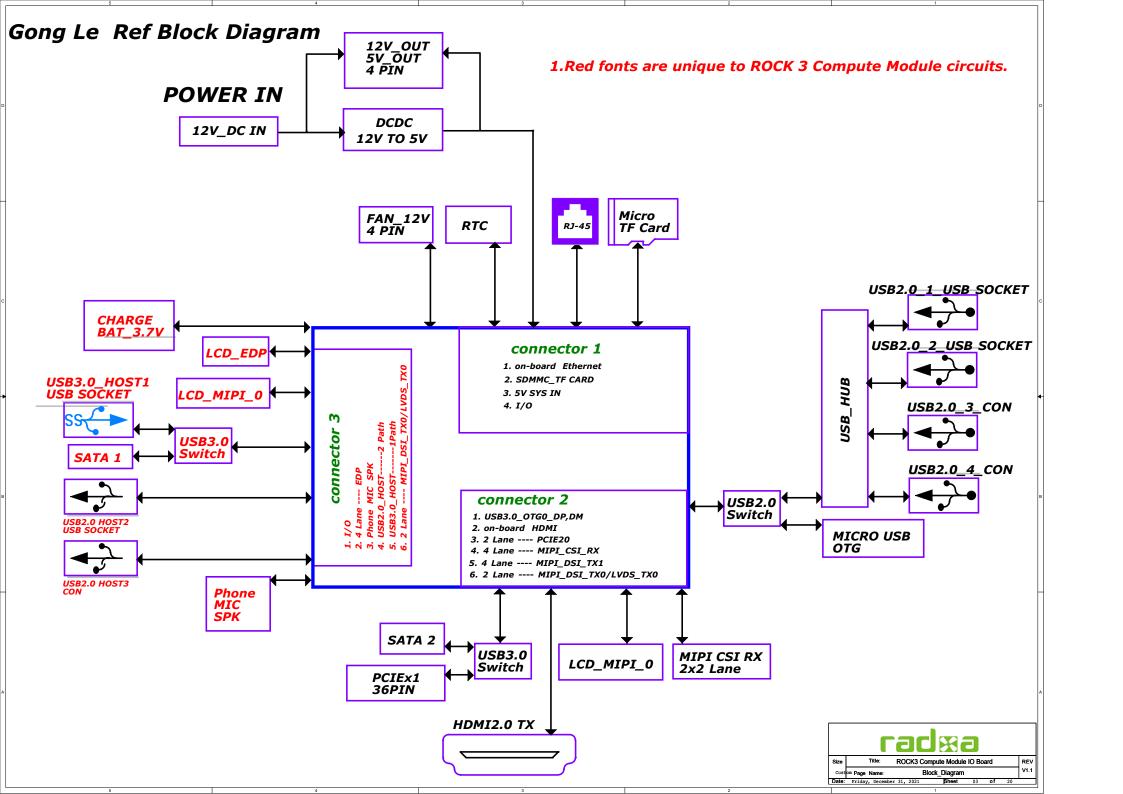
Please use our recommended components to avoid too many changes. For more informations about the second source, please refer to our AVL.

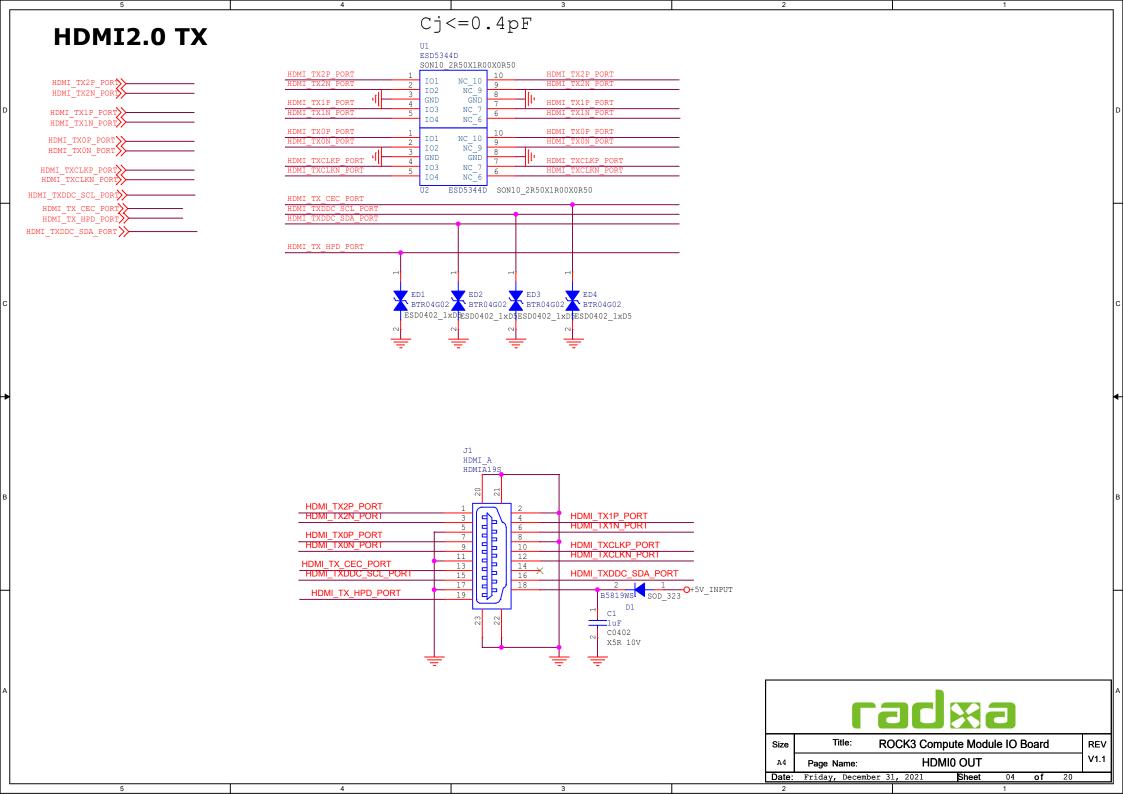
Index and Notes

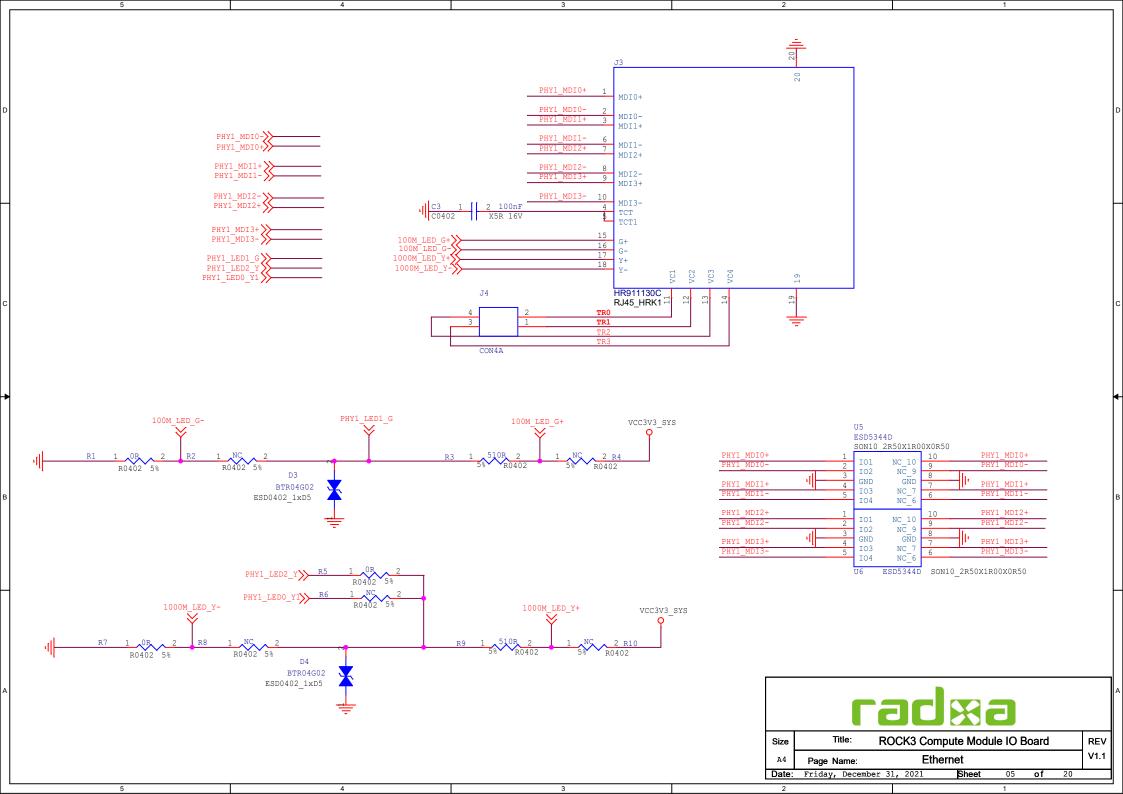
Revision History

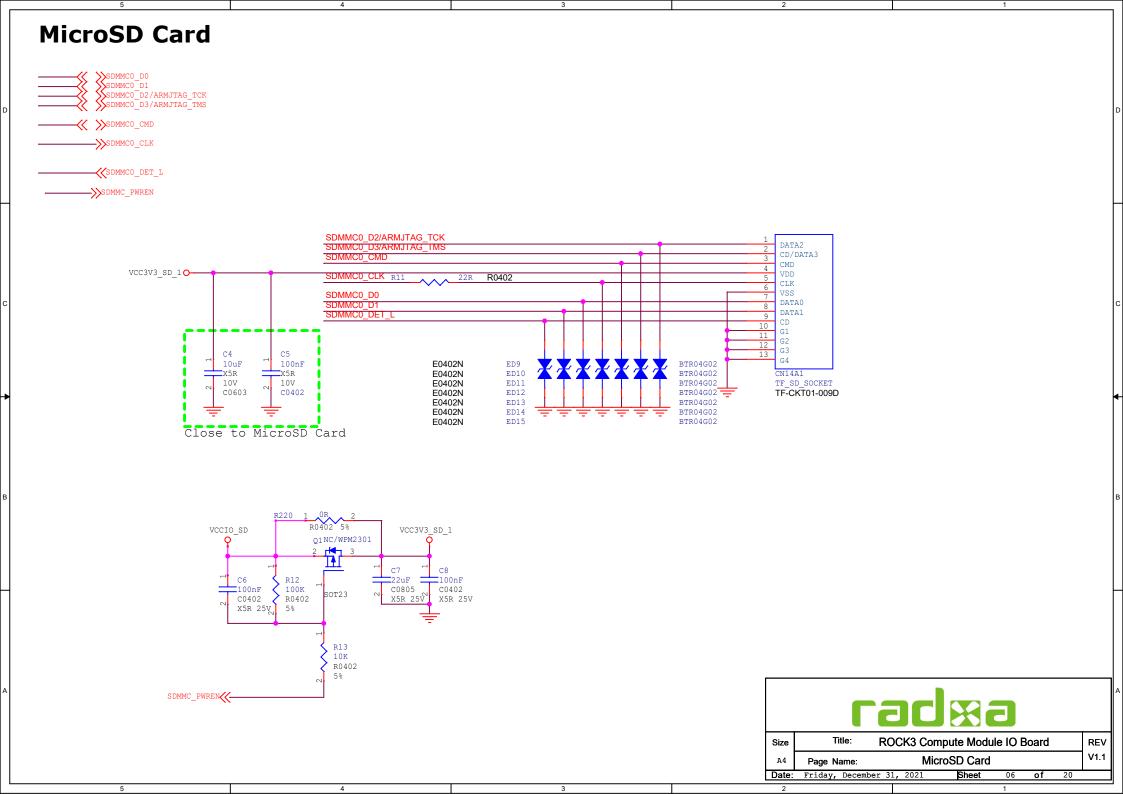
| Version | Date | Ву | Change Dsecription | Approved |
|---------|---------|----|--------------------|----------|
| V1.0 | 2021-10 | | | |
| V1.1 | 2021-12 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

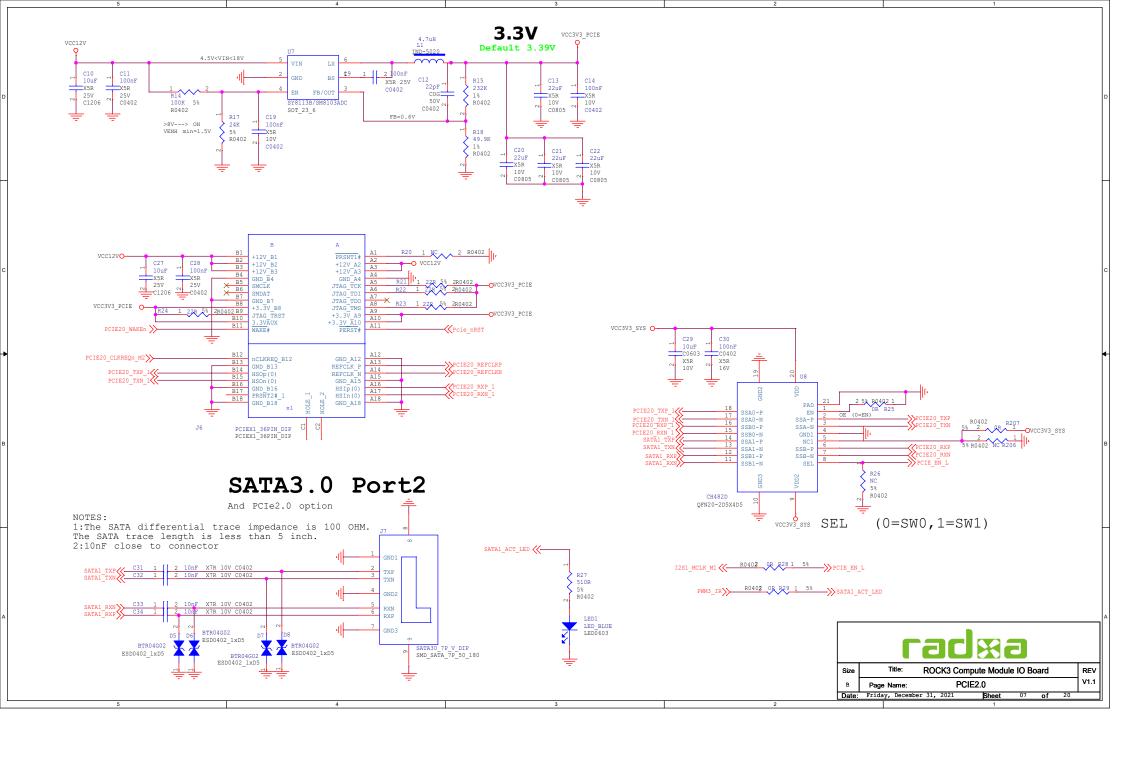


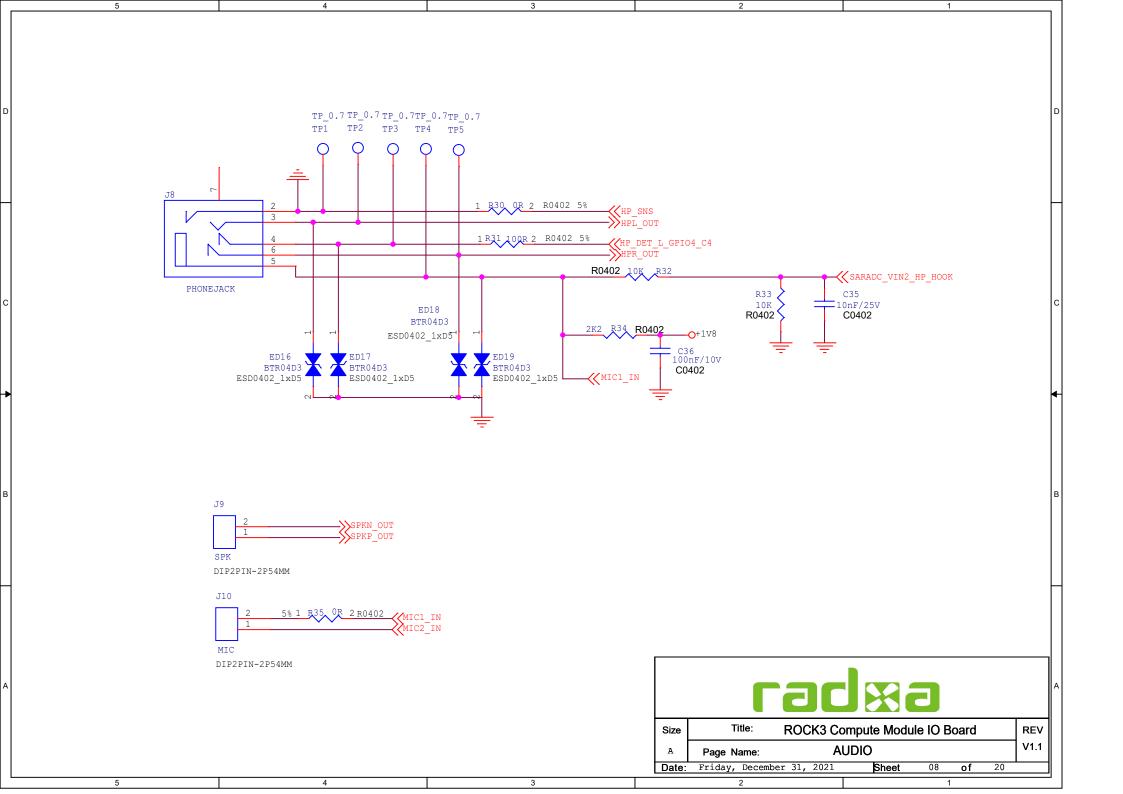


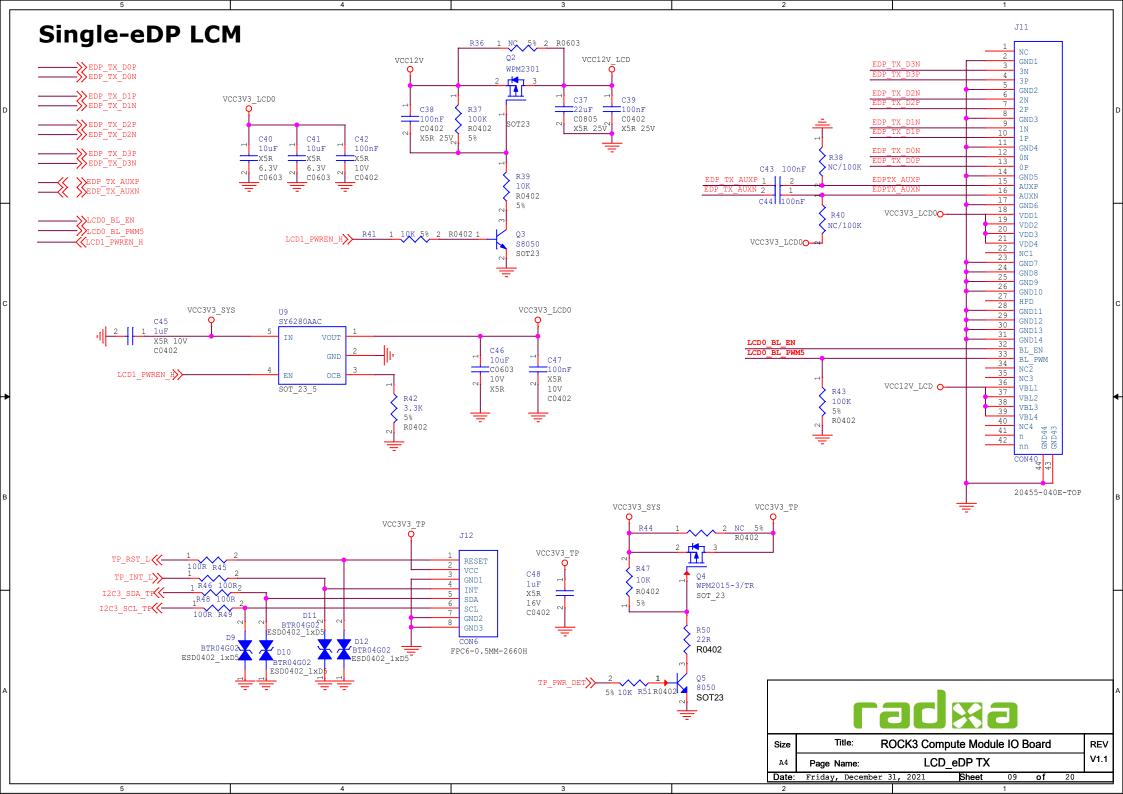


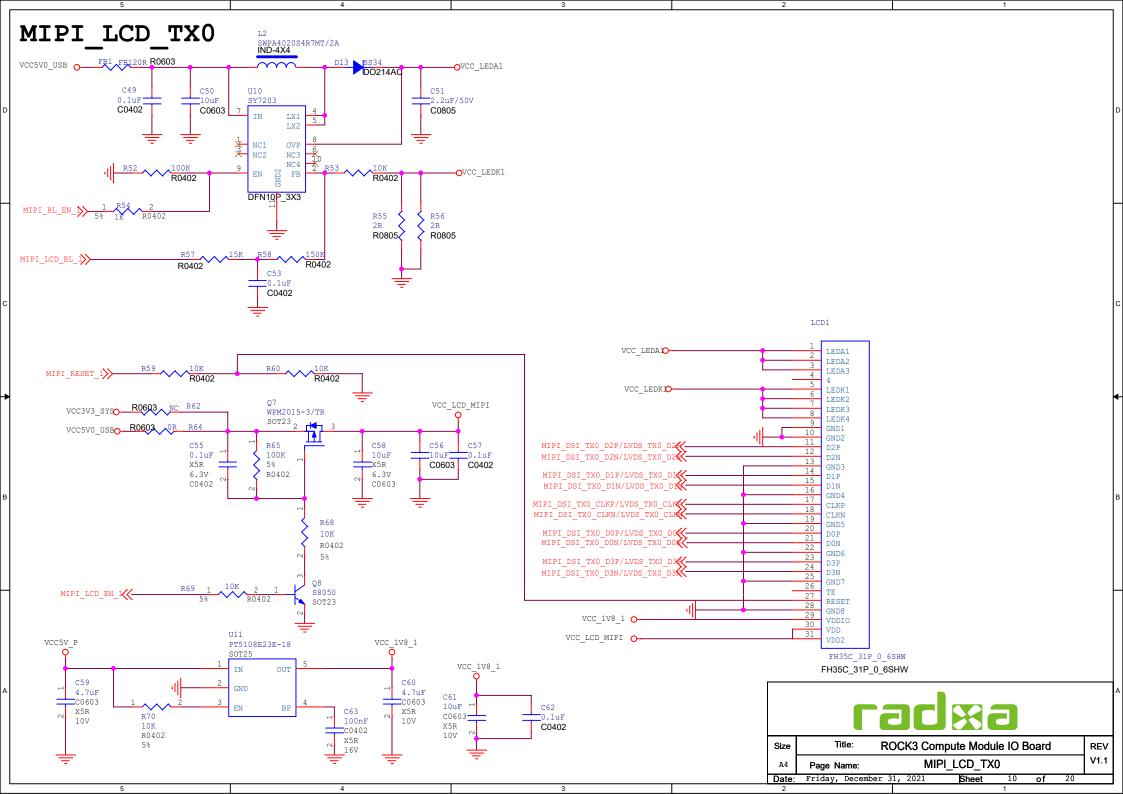




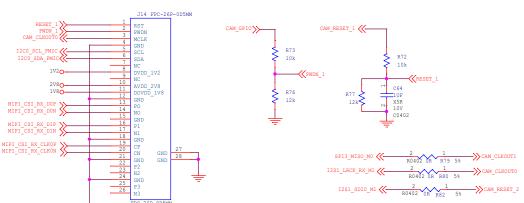




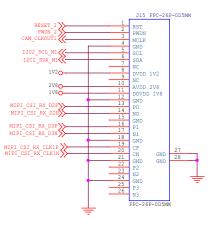


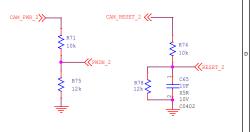


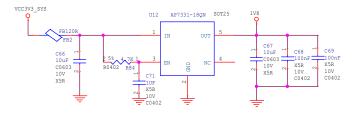
MIPI_CSI_RX 2Lanes

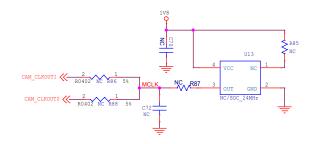


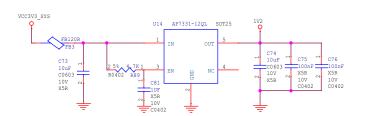
MIPI_CSI_RX 2Lanes













| radxa | | | | | | | | | |
|-------|--------------------------------------|----------|--------------|----|----|-----|------|--|--|
| Size | Title: ROCK3 Compute Module IO Board | | | | | REV | | | |
| A3 | Page Name: | N | /IIPI_CSI_RX | | | | V1.1 | | |
| Date: | Friday, December | 31, 2021 | Sheet | 11 | of | 20 | | | |

