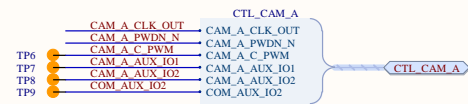
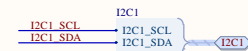
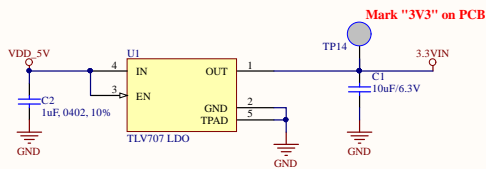
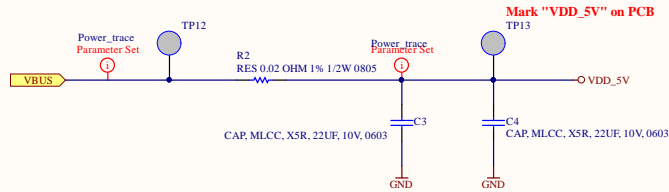


The PORT_DET pins are used to allow the daughtercard to detect which camera port it is inserted in.

| PORT_DET H/L status | | |
|---------------------|-----------------------|-----------------------|
| Camera Connector | PORT_DET_H P/N STATUS | PORT_DET_L P/N STATUS |
| Cam_A | LOW | LOW |
| Cam_B | LOW | HIGH |
| Cam_C | n/a | n/a |
| Cam_D | n/a | n/a |

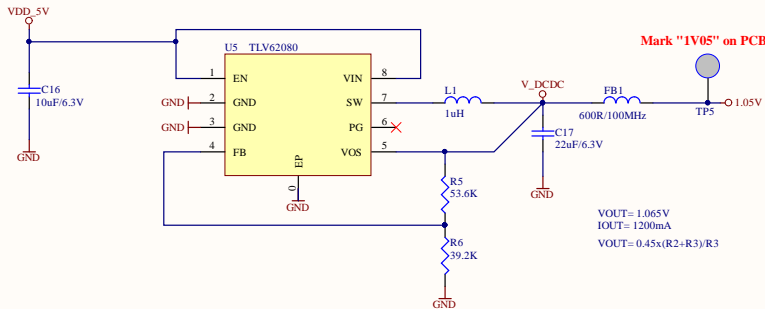


POWER INPUT

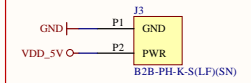


DC-DC CONVERTER

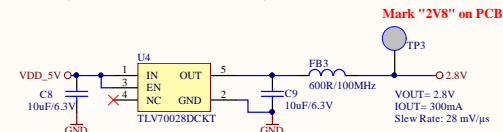
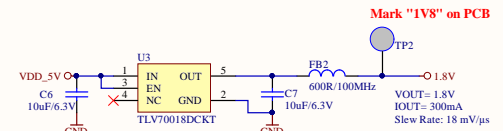
DC-DC Converter is used for reducing the voltage drop in 1.05V LDO in order to avoid heating



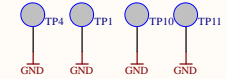
FAN CONNECTOR



POWER SUPPLIES FOR CAMERA MODULE

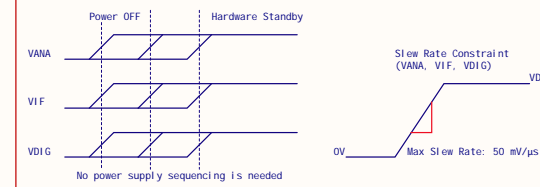


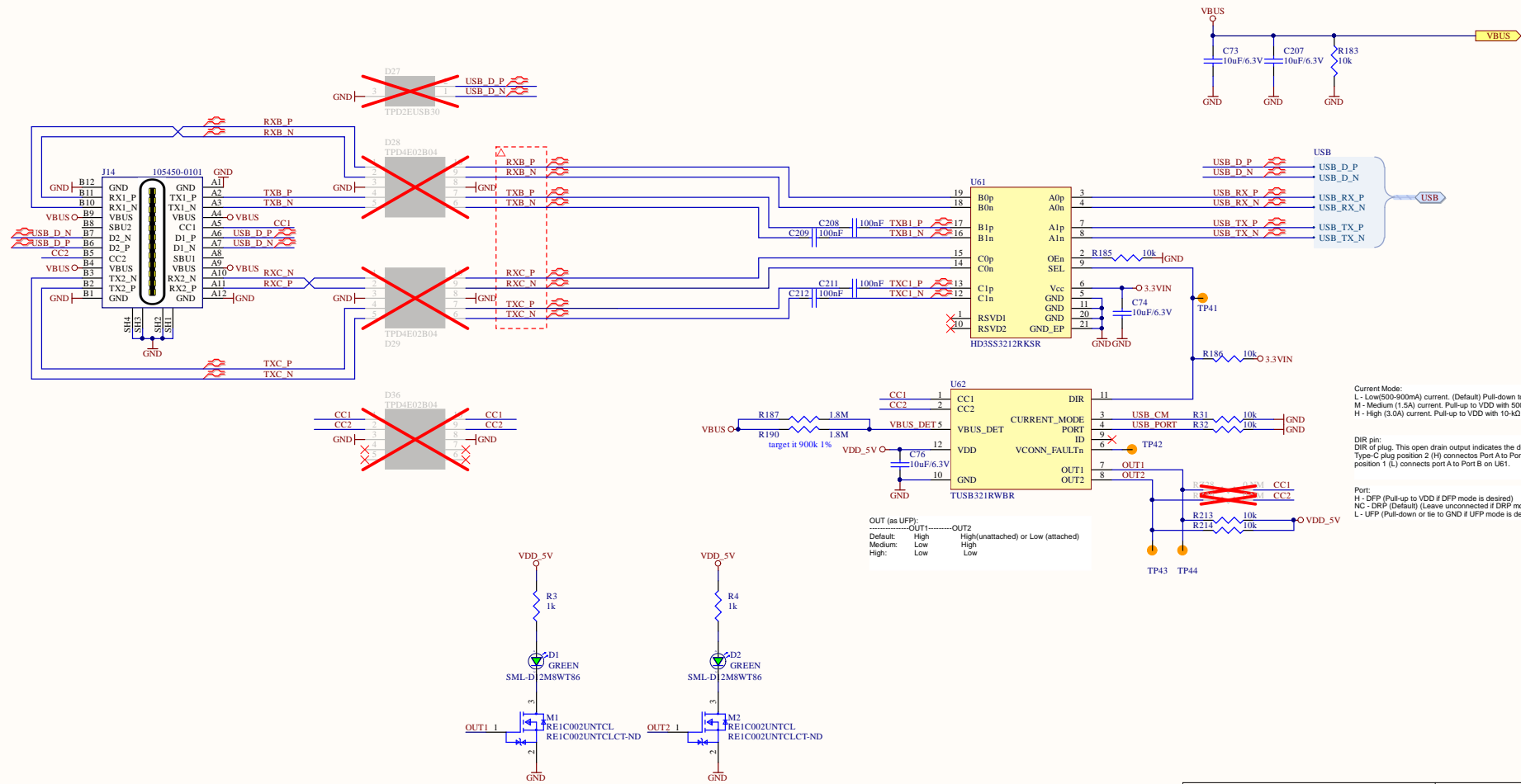
Mark "GND" on PCB



| Supply Information | | | |
|--------------------|--------|-------------|-------------|
| Supply Name | Module | Sensor | Max Current |
| AVDD | VANA | 2.8V ± 0.1 | 55mA |
| DOVDD | VIF | 1.8V ± 0.1 | 2.5mA |
| VDVDD | VDIG | 1.05V ± 0.1 | 446mA |

Power Supply Sequence & Requirements





Current Mode:
 L - Low(500-900mA) current. (Default) Pull-down to GND or leave unconnected.
 M - Medium (1.5A) current. Pull-up to VDD with 500-kΩ resistor.
 H - High (3.0A) current. Pull-up to VDD with 10-kΩ resistor.

DIR pin:
 DIR of plug. This open drain output indicates the detected plug orientation:
 Type-C plug position 2 (H) connects Port A to Port C on U61; Type-C plug
 position 1 (L) connects port A to Port B on U61.

Port:
 H - DFP (Pull-up to VDD if DFP mode is desired)
 ND - DRP (Default) (Leave unconnected if DRP mode is desired)
 L - UFP (Pull-down or tie to GND if UFP mode is desired)