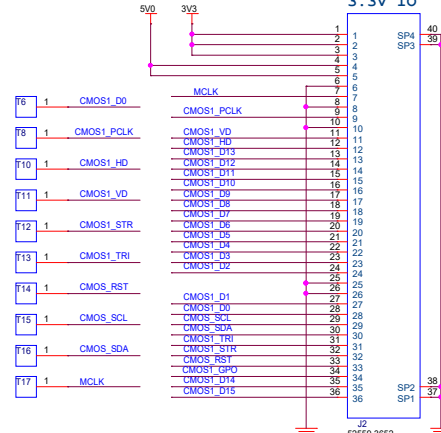
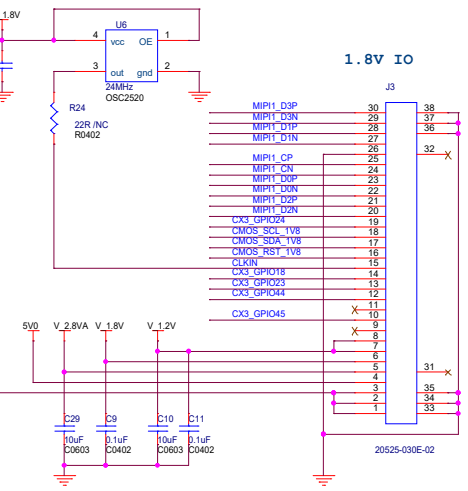


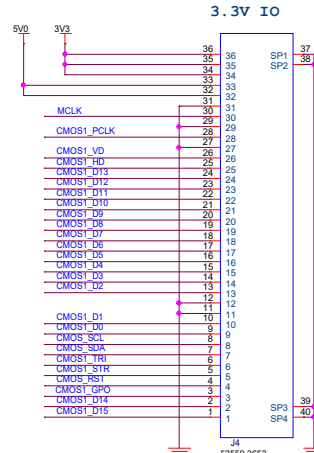
IPEX Connector To MIPI MAIN Board



FPC Connector To Parallel SENSOR BOARD



IPEX Connector To MIPI Sensor Board



FPC Connector To Parallel MAIN BOARD

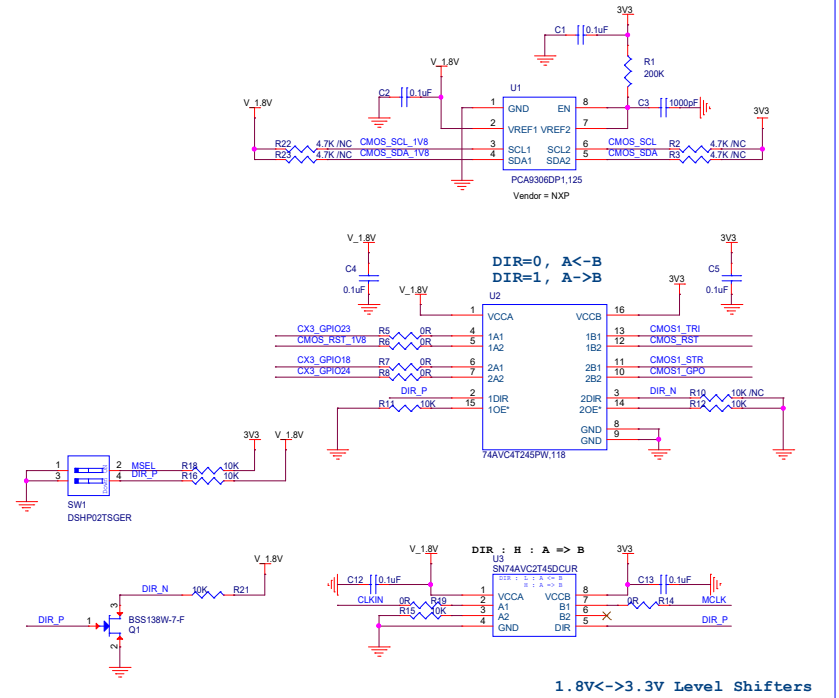
NOTES

BRIDGE CHIP MODE SELECT:

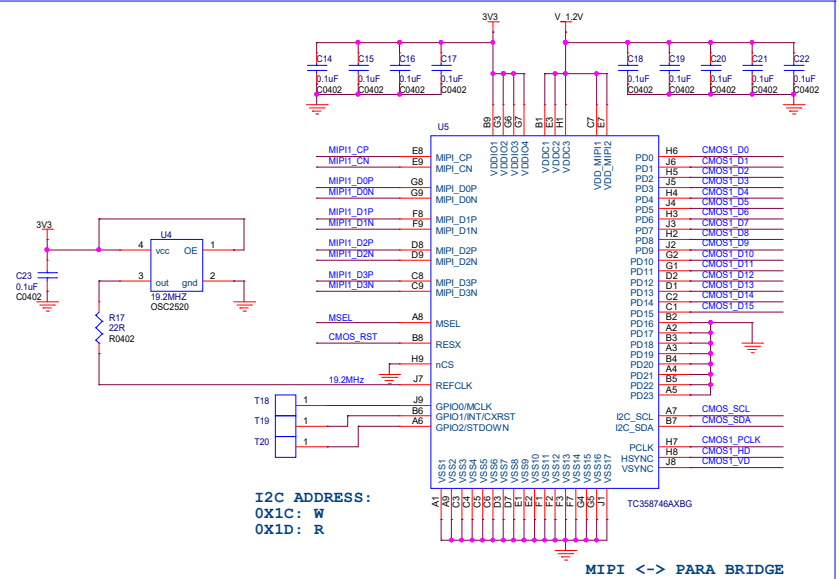
SW[1:2] = ON ==> MSEL=0 : MIPI -> PARA, J3(MIPI IN) + J4(PARA OUT) ;
SW[1:2] = OFF ==> MSEL=1 : PARA -> MIPI, J2(PARA IN) + J1(MIPI OUT) ;

GPIO DIRECTION CONTROL LOGIC:

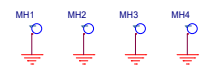
SW[3:4]=ON==> DIR_P = 0 : GPIO for MIPI SENSOR
SW[3:4]=OFF==> DIR_P = 1 : GPIO for PARA SENSOR



1.8V<->3.3V Level Shifters



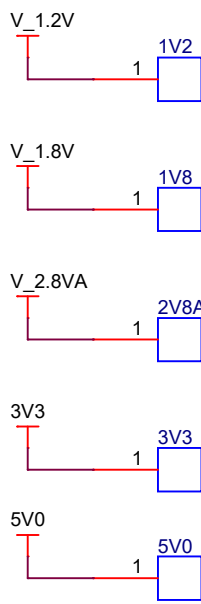
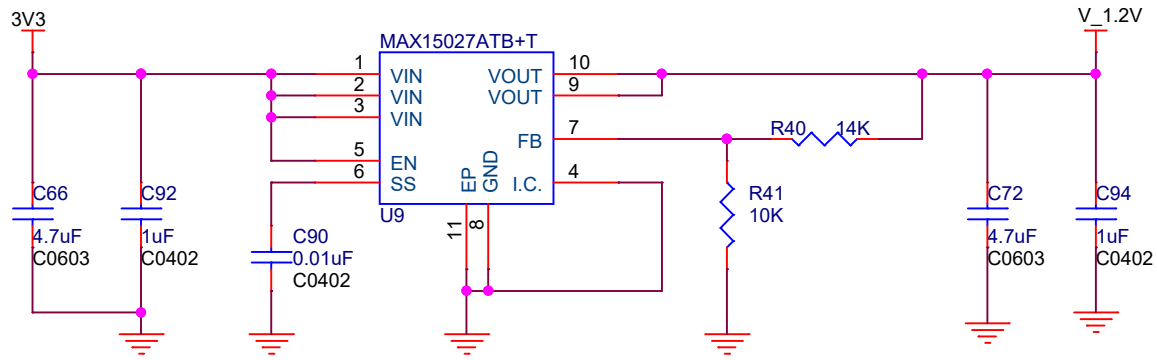
MIPI <-> PARA BRIDGE



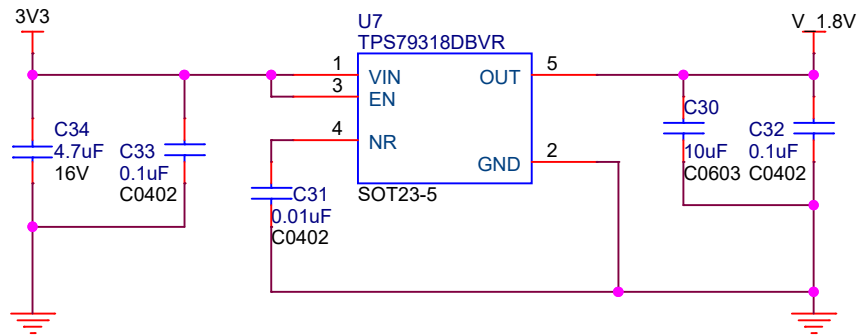
| AISTAR-MIPI BRIDGE | | |
|--------------------|----------------------------|--------------|
| File | Document Number | Rev 1.2 |
| Size | | |
| C | | |
| Date: | Saturday, January 20, 2018 | Sheet 1 of 1 |

Regulators for MIPI Sensor Modules

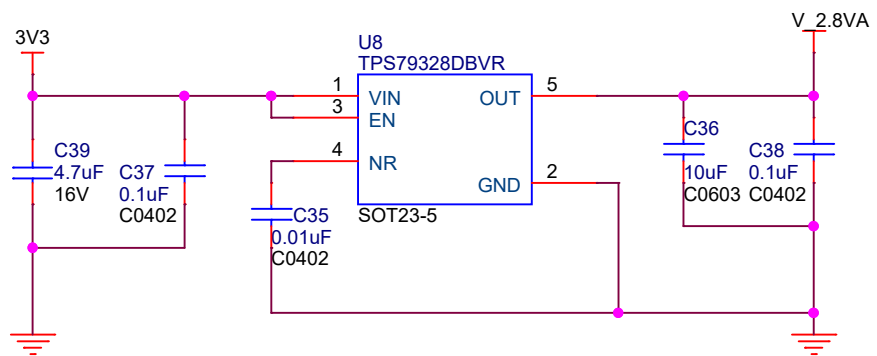
Core 1.2V for sensor



1.8V IO Power



2.8V Analog Power



| | | |
|--------------------|-----------------------------|--------------|
| Title | | |
| AISTAR-MIPI BRIDGE | | |
| Size A | Document Number | Rev 1.2 |
| Date: | Saturday, December 02, 2017 | Sheet 2 of 2 |