

Project: NG2093 Current Revision: R1M0E1 NG2093 Revision History: **Reason for Change Date** 12-May-2021 Revision **Changes Implemented** DD2088PoE\_DChain\_R0M0E0 -> NG2093\_R0M0E0
- Support for 4 cameras
- Remove PCIe clock generator circuit
- Add boot resistors to bridge the boot select switch
- Add a USB boot switch
- Change the series resitor (R82) for COM\_AUX\_IO2 from 10k to 22R
- Change USB MUX to CBTL02043ABQ,115
- Add EEPROM
- Change 3,3V power supply from TLV62569 to TPS51313DRCR
- Change 1,2V power supply from TLV62569 to TLV62080DSG
- Change 2,5V power supply from TLV75525PDRVR to
NCP139AFCTC05ADTT2G
- Connected WAKE signal from IMU to MXIO10 - Support for 4 cameras (2x 4-Lane MIPI and 2x 2-Lane MIPI)
- Remove PCIe clock generator circuit
- Added boot resistors to bridge the boot select switch
- Added a USB boot switch
- Change the series resitor (R82) for COM\_AUX\_IO2 from 10k to 22R
- Change USB MUX to CBTL02043ABQ,115 and added capacitors to VDD pins
- Added EEPROM
- Change 3,3V power supply from TLV62569 to TPS51313DRCR
- Change 1,2V power supply from TLV62569 to TLV62080DSG
- Change 2,5V power supply from TLV75525PDRVR to NCP139AFCTC05ADJT2G
- Connected WAKE signal from IMU to MXIO10 06-Jan-2022 Current ethernet switch is not available on the market due to shortage Mosfet Q5 is not available on market. NG2093\_R0M0E0 -> NG2093\_R1M0E1 Replace it with AR8327N-AL1A Replaced Q5 with RQ6P01SPTR 09-Jan-2022



























