Monitoring of Opto-board

- each opto-board contain 6-7 opto-links
Monitoring Items

- **VVDC**: power supply of VDC/DORIC
  - 7 supply voltages for 7 links
  - need to monitor current consumption with limit for maximum current
  - nice to be able to turn off all but one link to measure VPIN and ISET of each link for diagnostic

- **VPIN**: supply voltage of all PIN diodes
  - need to monitor current consumption with limit for maximum current

- **VISET**: adjustment for VCSEL bright current of all links
  - need to monitor current consumption with limit for maximum current
Monitoring Items Continued

- SENSE_VVDC: sense of one VDC/DORIC voltage
  - need to monitor voltage with limits for minimum and maximum voltages
- NTC_OPTO: temperature of opto-board
  - need to monitor temperature with limits for minimum and maximum temperatures