

# BROADCOM DESIGNCON 2015 DEMOS



## 40G PAM4

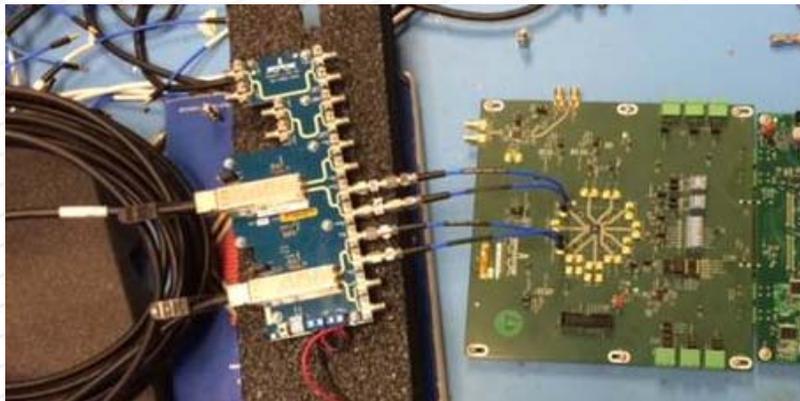
- 40G PAM4 demo: error-free operation on 10m passive QSFP cable
- No external intervention – equalization, adaptation, FEC, are all on-chip
- ~30dB insertion loss, crosstalk

## 50G PAM4

- 50G PAM4 demo: error-free operation on 40in Molex Impel Meg6 Backplane designed for 100GBASE-KR4
- No external intervention – equalization, adaptation, FEC, are all on-chip
- ~31dB insertion loss (not including test cables), crosstalk



40G PAM4



50G PAM4

