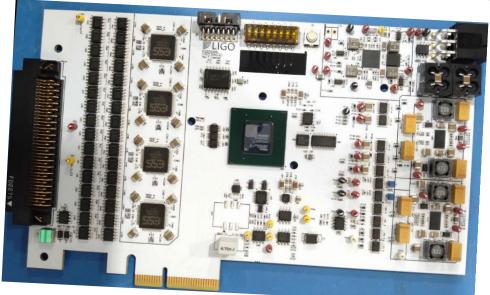
Converter Refresh for Future LIGO Upgrades

Daniel Sigg & Marc Pirello



DAC: 50nV/vHz @ 100Hz / ADC: 200nV/vHz (prelim.)

No Rogue Lines/Oscillators

DAC: 6 Months Running at H1

ADC ±20V

DAC ±10V

32-Channels / Differential / $\Sigma\Delta$ -Technology w/ IIR Filters

Faster Sampling Rates / AA/AI Filters in FPGA

Timing System Integration / Time Stamped Data

