

Converter Refresh for Future LIGO Upgrades

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

No Rogue Lines/Oscillators

DAC: 6 Months Running at H1

ADC $\pm 20V$

DAC $\pm 10V$

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

Faster Sampling Rates / AA/AI Filters in FPGA

Timing System Integration / Time Stamped Data

