MDT Electronics
"ASD Lite" Status

STATUS
Production prototypes (with improved input protection) tested on chamber. Results - AOK! (Werner can comment further)

Technical review held at BNL with V. Radeka, M. Newcomber and others. Green light given for wafer production.

PROTOTYPES
Small quantities (2 x 24 channels) available on mezzanine cards by end of May.

PRODUCTION (Purchase Order now being written)
(Minimum) run size is 20 wafers

One reticle site may contain 20 ASDs

Each wafer has about 42 usable reticle sites

42 * 20 * 20 = 16,800 ASD chips! (we need 2500 good chips for 10k channels)

PACKAGING
4-channel ASD in 10x10mm (T)QFP
cost is < US$1 each (packaging only)