

# 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.

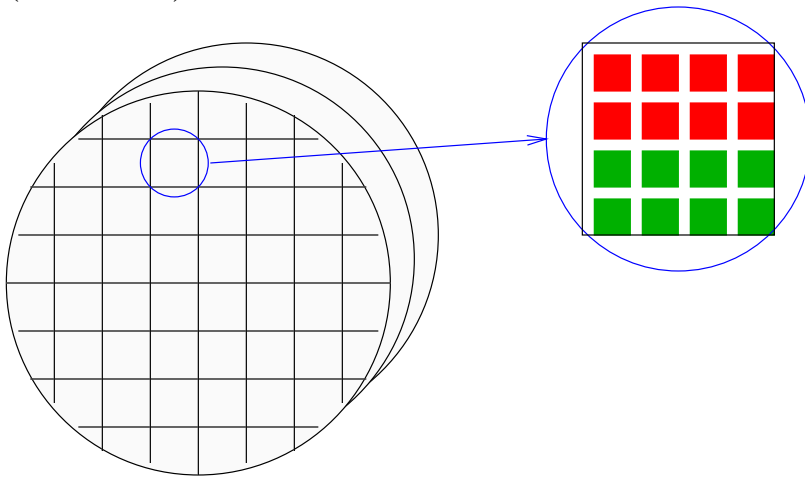
### PROTOTYPES

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

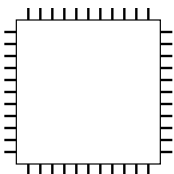
One reticle site may contain 20 ASDs



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)