

# MDT Electronics

## "ASD Lite" Status

### STATUS

On-Chamber tests very promising (as reported by W. Riegler)

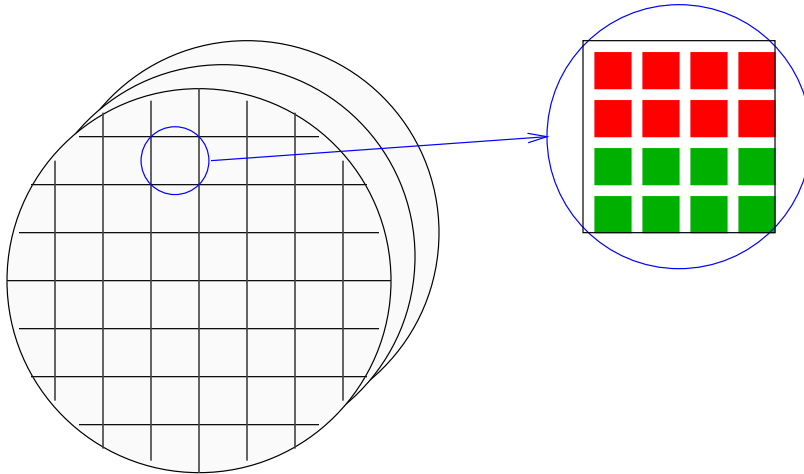
Current version is probably fine, but...

New run with improved input protection is due back April '99

### PRODUCTION

Minimum run size is 20 wafers

One reticle site may contain 20 ASDs



Each wafer has about 42 usable reticle sites

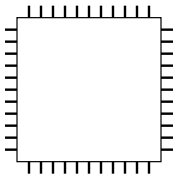
$42 * 20 * 20 = 16,800$  ASD chips! (we need about 2500 for 10k channels)

So, we could easily put two or more variations on a single run.

For instance, with and without improved input protection.

When to start production?

### PACKAGING



4-channel ASD in 10x10mm TQFP  
cost is < US\$1 each