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