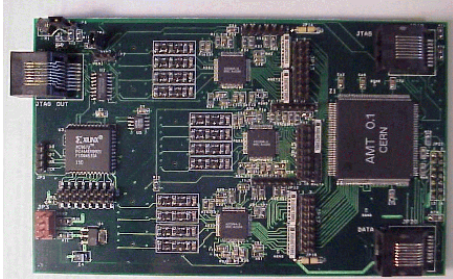


# MDT Electronics

## Mezzanine Board "Lite"



Rev D – Oct 99

- o Full 24–channel prototype
- o 10 produced
- o Basically functional but with some problems:

Noise levels high

Cabling didn't fit inside faraday cage shield

AMT–0 prototype TDC was unreliable

... Rev E

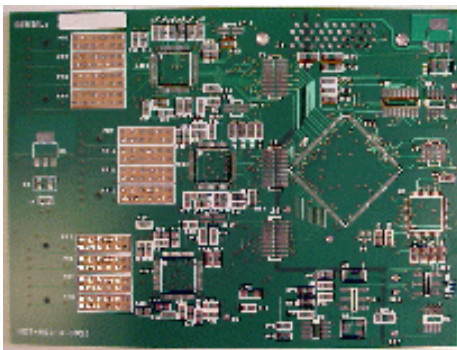
... Rev F

Several intervening prototypes constructed to optimize key system characteristics.

... Rev G

... Rev H

Current revision is very close to final production board



Rev J – Oct 00 – many steps towards final design:

- o AMT–1 (production prototype) TDC used (much more reliable)
- o All I/O signals on a single 36–pin connector
- o Noise levels much lower
- o Under test on chamber at Harvard
- o 50 boards in production now

Rev H – Sep 00

- o Switch to AMT–1 TDC
- o Shorten board and move connector for compatibility with endcap chamber faraday cage
- o Now being tested!

