



- Developed for the tracker of the H1 detector at HERA
- Serializes the analog pulse-heights of 128 channels to dramatically reduce the number of required I/O lines
- Capable of sampling waveform data from of a strip sensor at upwards of 20MHz
- Features a very good signal-to-noise ratio of 40
- Low noise combined with inter-strip charge-sharing give each layer of the detector a measurement precision of  $\approx 1\mu\text{m}$