MDT Electronics
ASD Development

ASD Development in FY98 and 99

ASD96b (hp 1.2um)	Fully-differential Pre-amp, amp, discriminator, LVDS output	Tested on-chamber noise performance, timing stability all proven
ASD97ap (hp 0.5um)	Pre-amp, Shaper, Linear out (x 3) Discriminator, LVDS output (x 1)	HP 0.5um prototype pre-amp and discriminator tested, working
ESD98A (hp 0.5um)	Input protection test chip	HV discharge tests protection to 1kv (so far!)
ASD98b (hp 0.5um)	ASDLite prototype: Preamp, shaper, discriminator (x 4)	Received Monday (10/26) testing underway!
ASD98c (hp 0.5um)	Wilkinson ADC prototype Submit ~2/99	