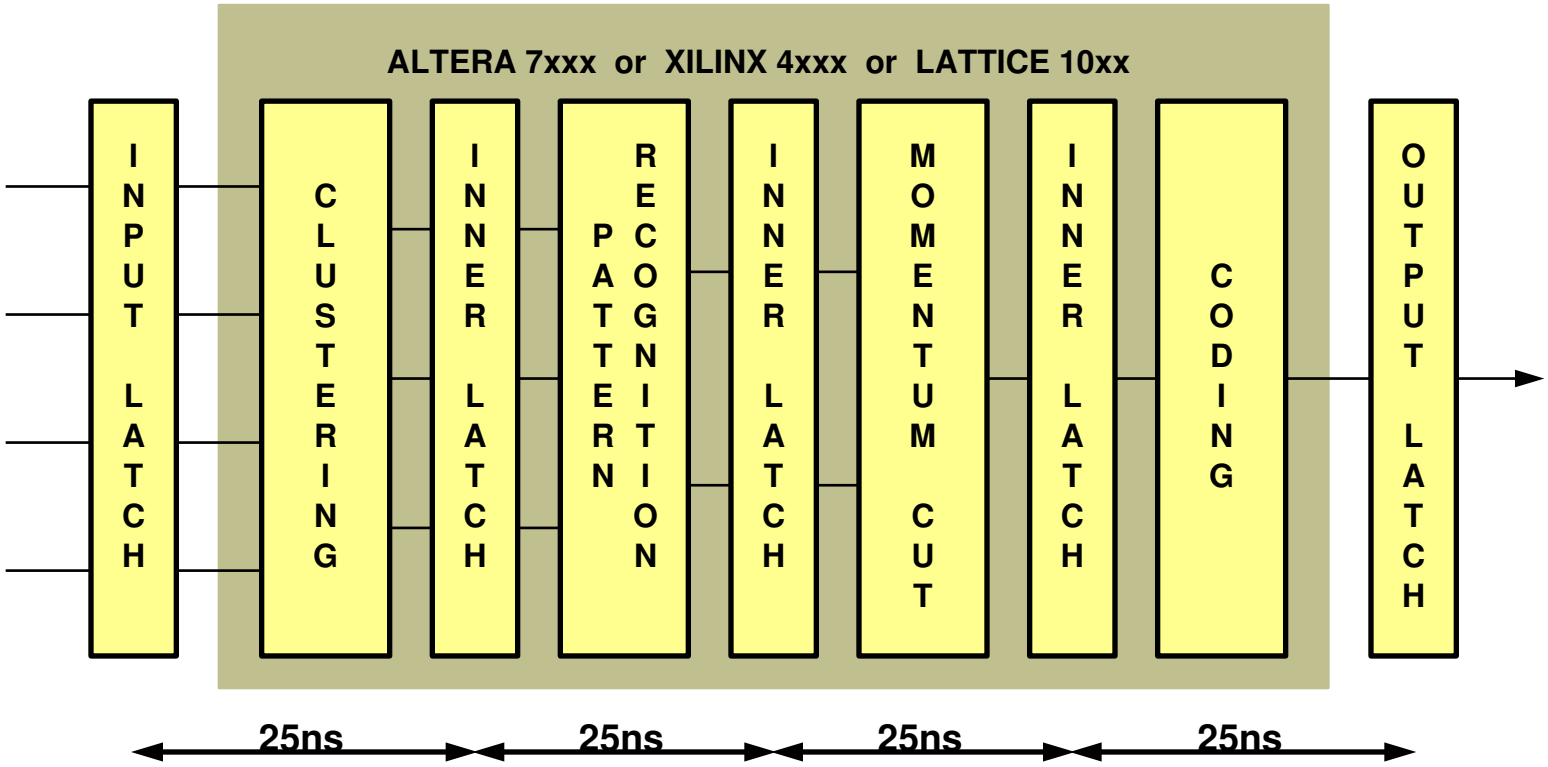
CMS Muon Trigger

SEGMENT PROCESSOR



LATCHES – provide pipelining: every step = 25ns

CLUSTERING – reduces number of patterns rapidly increased at low momenta due to scattering and E–losses

PATTERN RECOGNITION – comparison of obtained pattern with a predefined set

MOMENTUM CUT – assignment of the pattern to a certain transverse momentum range