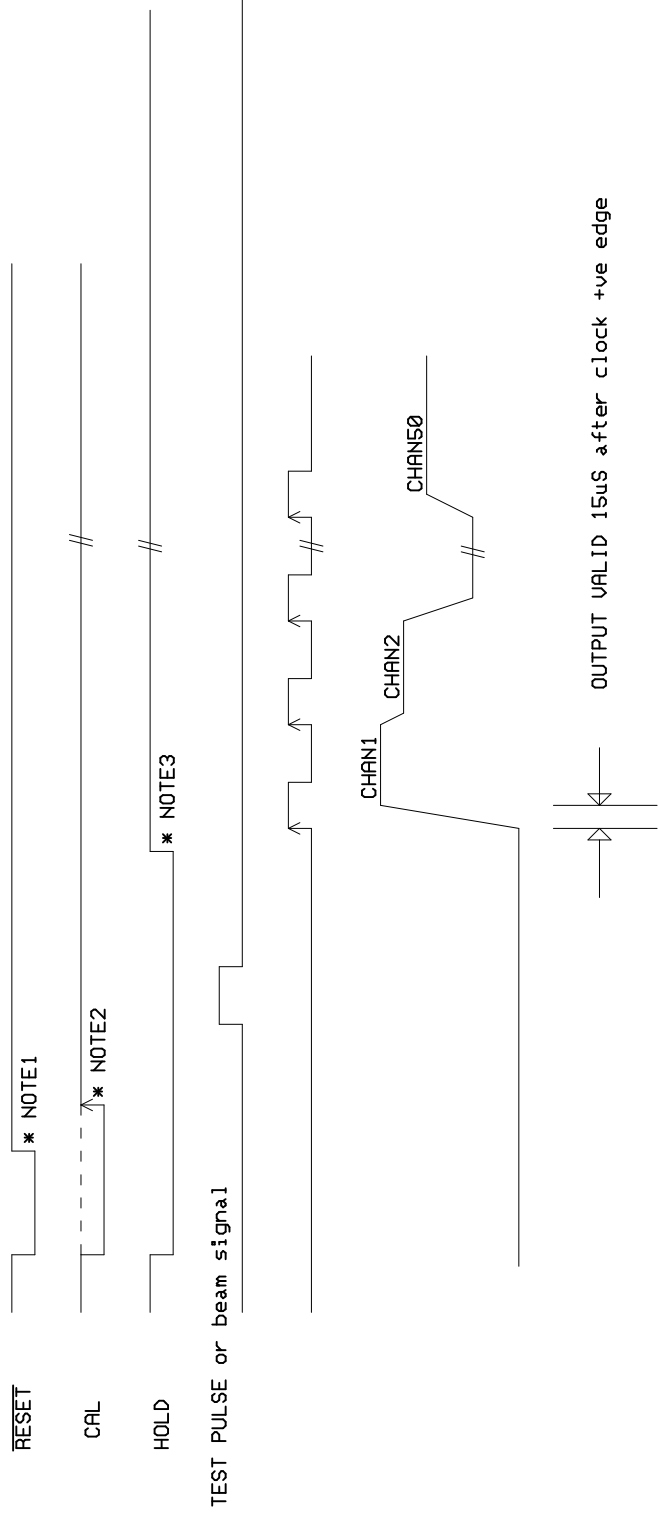


## INTEGRATOR TIMING



- 1 When RESET goes low the channel multiplexer counter is also reset
- 2 A positive transition on the cal line when reset is high and hold is low will inject 10E-9C giving a -10V integrator output and +7V at the output. The CAL signal can be used to precharge the integrator so that it can accept negative signal inputs - if not required then leave the pin open circuit
- 3 ACQUIRE must be low during reset to discharge the sensor. Ideally hold must be low for as short a time as possible so reset should go positive just before the beam signal arrives and ACQUIRE should go high as soon as possible after the beam signal.