Determing clock frequency of a sequential around Clk-9=9m telk-q=9ms th = Ing Cturrengh Not 777 Comedle. telk-9=100 Take into account tcd = 2m both setup and hold teme. to-1m CIV. A>B, Byc and A>C WIAB = + CIK-q(A) + Esh(B) = 9+2= 11 ns 1 TAC = Lak-q(A) + 4p (CC) + tsel(C) = 9+4+2= 15m FBC = telk-19 (B) + tpD (cc) + tsu(c) = 10+ f+2 = 1645 A > B > CC > C man (1k frequency (or Tun = 16 us) = 16 us = 62.5 MHz why not?

Not teno requirement on FFB -> that the import
to B schoold not change until at least 2 ns after Limit
the rising edge of the clk
the (B) < tcd(A) + tcd (comb)

Since th (ens) is less than

IND th (B) < tcd(A) TA to B path
IND th (C) < tcd(A) + tcd (comb) [A to Cpath]
IND th (C) < tcd(A) + tcd (comb) [A to Cpath]
IND th (C) < tcd(B) + tcd (comb) [B to Cpath]

