EE319K LAB 4

-0

-0

-0

0

-0

O

-0

-9

_

-

4

HYDER SHAD MIRA SEHGAL 3/3/16

Estimate of Intrusineness for Debug-Capture Subrontine: 13 instructions X Zeycles / instruction estimate = 26 cycles 1 cycle = 12,5 ns -> 26 cycles = 0.325 ans to execute pang-Capture. Perentage over head: 1000 0070 Cycles between calls -> . 125000675 seconds betwee calls Perusage overhead = 100 x (-125000875) demag execution with Percentage overhead = 0.00025999818 1/0 | minimally intensive. Heart beat toggle rate: Personed frequency is 16 HZ, clock is set to run at 80 MHZ 90 MHZ = 16 MHZ

Scycles for delay
rondine

Period in seconds

16 MHZ (7) = 16 MHZ (T6HZ) = 1 E6 execusing

The delay sub ronding or delay Sub ronthe.