

0.1 Exercise 4: Behaviour Analysis of Circuits Including a 74HC02 Gate

The 74HC02 is an integrated circuit of NOR gates.

iiiiii HEAD

Propagation and Transition Times' Measurements

=====

Propagation and Transition Time' Measurements

LLLLLLLL a165003b37aae4bba9725ea6e802c80dd8b56c59

	No-load	Circuit
t_{pHL}		
t_{pLH}		
t_f		
t_r		

Circuit's Response to Frequency Increment

iiiiii HEAD =====

Alimentation Voltage and Temperature of the IC

LLLLLLLL a165003b37aae4bba9725ea6e802c80dd8b56c59

Se pone un capacitor de desacople para que cuando se pida corriente, la fuente VCC no sea alterada creando ripples no deaseados