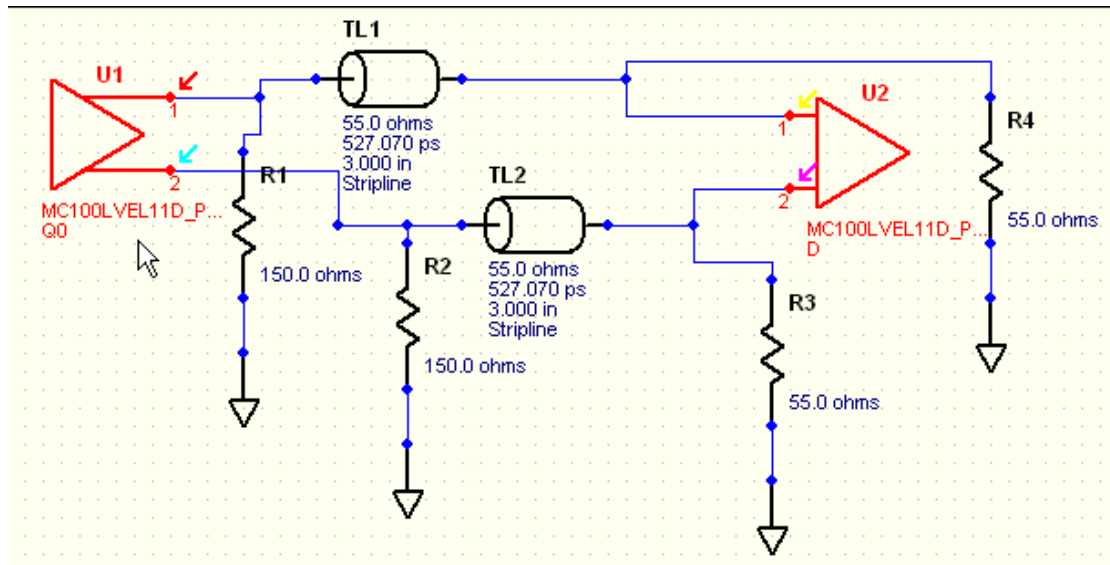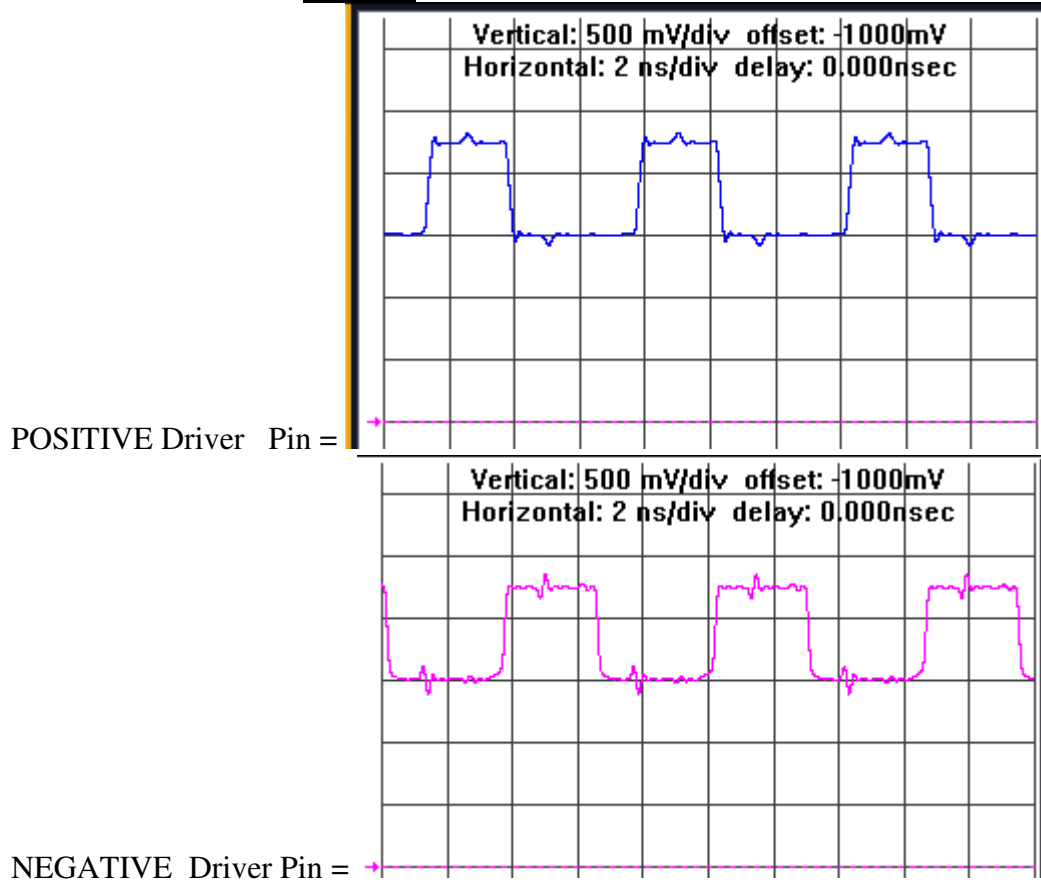# 1. I used Model = MC100LVEL11D_PECL

2. Waveforms for Pos and Neg are NOT the same:

The duty – Cycle of Neg and Pos output Buffers are NOT the same !!!
Why?

Waveforms at Buffers **Outputs** –

Vertical: 500 mV/div offset: -1000mV
Horizontal: 2 ns/div delay: 0.000nsec

POSITIVE Driver   Pin =

Vertical: 500 mV/div offset: -1000mV
Horizontal: 2 ns/div delay: 0.000nsec

NEGATIVE Driver Pin =

3. Diff Waveforms:

Vertical: 500 mV/div offset: -1000mV
Horizontal: 2 ns/div delay: 0.000nsec

Problem Due to different Duty-Cycle of Pos and Neg Output Pins !!!