Problem Description :

When we disabled HI, we have following observations

1. HO is taking ~200mS to become 0V even though Vgs becomes 0V in 1uS
2. And MOSFET output is following HO.

A screenshot of a computer

Description automatically generated with medium confidence

Schematic & Design Details

Diagram, schematic

Description automatically generated

MOSFET Details : 4+4 MOSFETs, Total 8 MOSFETs. MOSFET MPN : STH240N10F7-6