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.



Schematic & Design Details

 

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