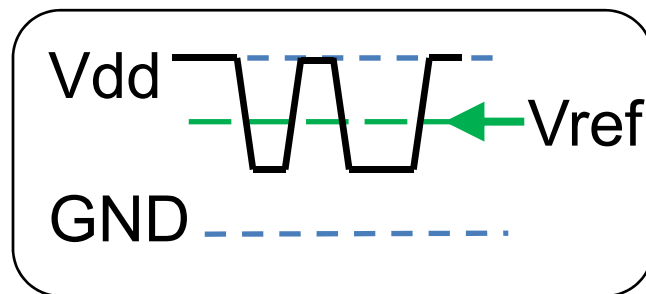
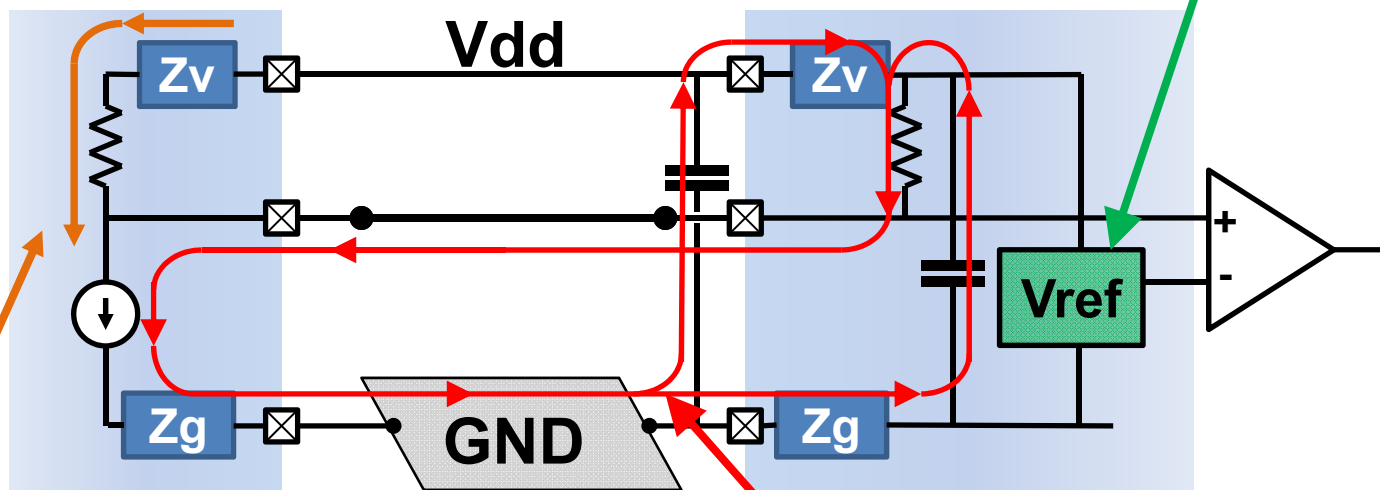


Problems with Conventional SE Signaling



1. Reference Problem: hard to get Tx and Rx to agree on Vref



3. Simultaneous Switching Problem: data-dependent current generates noise on power supplies & other signals

2. Return Problem: the return current must split and flow through both the power supply & the ground network