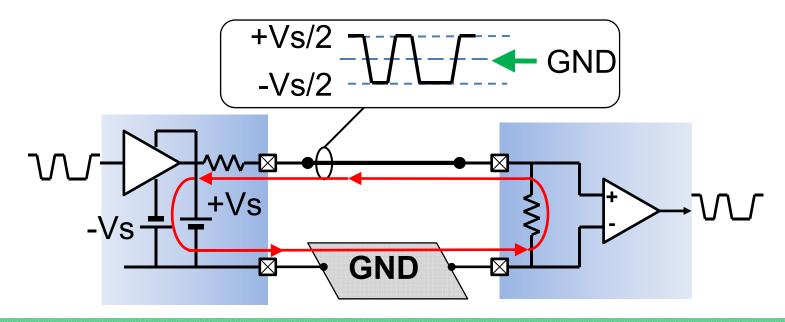
## Ground-Referenced Signaling (GRS)



**Reference Problem:** GND lowest Z, most robust network in a system, so Tx and Rx can more easily agree on Vref.

**Return Problem:** Return current flows only in GND plane. So, no noise induced in power supply that circuits operate from.

Simultaneous Switching Noise (SSN) Problem? How do we generate +Vs & -Vs?