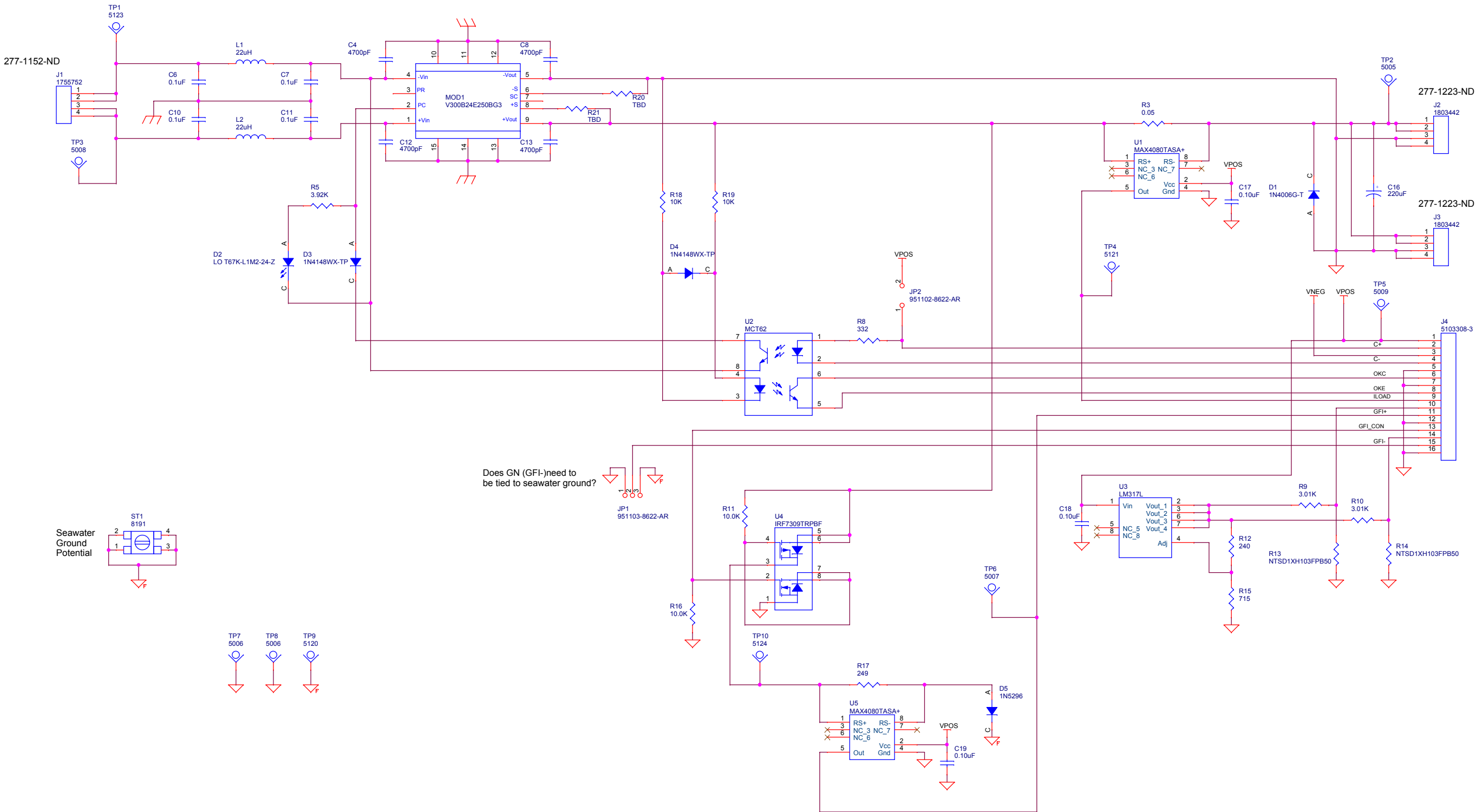


1N5296 limits test current to 1mA.
MAX4080T has gain of 20
(250mV Full scale sense Voltage)
1mA x 249 ohms = 249mV.