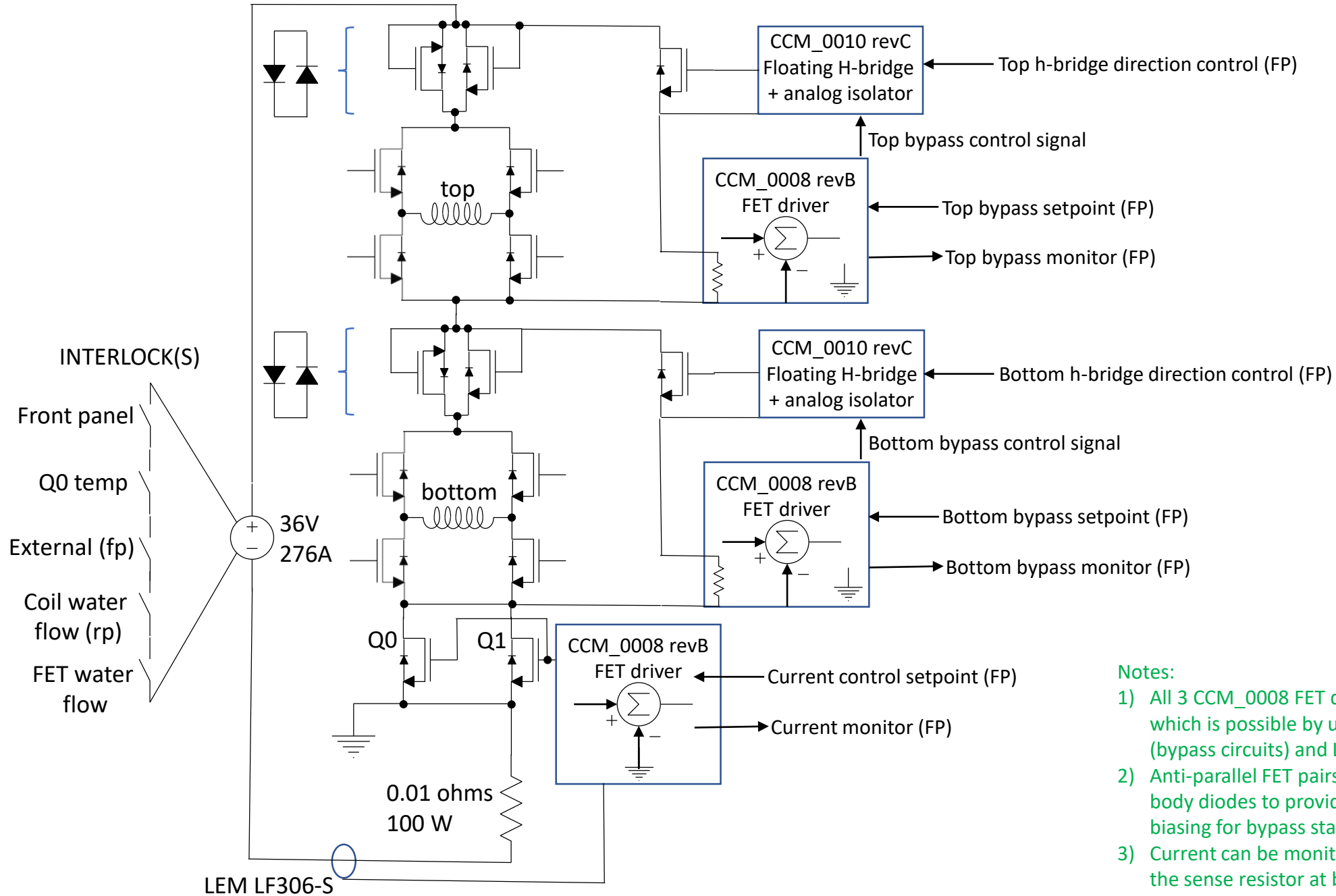


Simplified schematic for transport coil control



Notes:

- 1) All 3 CCM_0008 FET drivers are lab ground referenced, which is possible by using galvanically isolated CASR50 (bypass circuits) and LEM LF306-S current sensors
- 2) Anti-parallel FET pairs above h-bridge stages use the FET body diodes to provide (a) kickback protection and (b) biasing for bypass stages
- 3) Current can be monitored directly by measuring across the sense resistor at bottom of chain