

ABSTRACT OF THE DISCLOSURE

BOUNDARY SCAN WITH GROUND BOUNCE RECOVERY

A system for recovering from ground bounce during a boundary scan test is disclosed that includes operationally transitioning a Test Access Port controller (118) from any of at least three undetermined controller states induced by the ground bounce to a determined controller state. The undetermined controller states may be selected from an UPDATE state, a RUN-TEST/IDLE state, a SELECT-DR-SCAN state, and a CAPTURE-DR state (FIGS 4 and 6). The determined controller state can be the UPDATE-DR (FIGS 5F and 7J). Once in the determined controller state, the Test Access Port controller (118) may also be operationally transitioned from an undetermined data state to a determined data state (FIG 8).

FIG. 4



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