METHOD AND APPARATUS FOR REDUCING DISTURBANCES ON AN INTEGRATED CIRCUIT

ABSTRACT

A capacitor (102) is operatively coupled to a supply (101) and to control circuitry for isolating the capacitor. The control circuitry isolates the capacitor (102) in response to a current exceeding a certain threshold, but tends to restore the capacitor (102) to operation if the current subsides.

The control circuitry includes first, second and third control devices (108, 124, 122). The first control device (108) may be switched to an off state to isolate the capacitor (102), by the second control device (124) in response to a voltage produced by the excessive current. The third control device (122) tends to discharge the voltage so that the second control device (124) tends to turn on the first device (108) if the current subsides.

Fig. 1