

ABSTRACT**Improved device for configuring a programmable component, system
incorporating said device, and related method**

This device includes a programmable component (10) having an output (WDI0) able to send an inhibiting signal upon successful configuration of the programmable component and an input (CONFIG) able to receive a reconfiguration signal; an automatic burn-in circuit (40) for the configuration of the programmable component, having:

- selection means (44, 45, 46, 47, 48, 49) which, in a first state, connect the programmable component to a first configuration memory space (22) and, in a second state, connect the programmable component to a second configuration memory space (24); and

- watchdog means (42) having an input (WDI1) able to receive the inhibition signal and an output (WD0) for sending, when no inhibition signal has been received for a predetermined period of time, a configuration signal intended for the programmable component to command the reconfiguration thereof and of the selection means to modify the state thereof.

Figure 1