

Abstract

A Wake-Up Circuit for an Electronic Device

A wake-up circuit for an electronic device comprises an input circuit (1) for receiving infrared signals and an amplifier (2) connected to the input circuit (1), the output of the amplifier being connected to a switching circuit (6) for switching on the device. To improve the signal/noise ratio it is provided that the input circuit (1) includes a parallel arrangement of at least two series arrangements of infrared detectors (7 to 10) as well as a parallel resonant circuit (11), and that the amplifier is a bandpass amplifier (2) the output of which is connected to a signal detector to which the switching circuit (6) is connected.