THIS SHEET HAS BEEN
REPLACED

ABSTRACT:

The invention relates to an integrated circuit comprising at least an inductive element (4), a region called active region (5) which may include resistive, capacitive and semiconductor elements, while said inductive element and part of the active region are superimposed. The integrated circuit has screening means (6) for insulating the active region with respect to an electromagnetic field that the inductive element is intended to develop.

The invention renders the implementation possible of inductive elements having high quality factors in integrated circuits of reduced size and in which the electromagnetic interactions between the inductive elements and the other elements are reduced.

Application: Notably voltage-controlled oscillators.

Reference: Fig. 1.

This Sheet Has Been Replaced

