

RELIABLE LEVEL SHIFTER OF ULTRA-HIGH VOLTAGE DEVICE USED IN LOW POWER APPLICATION

ABSTRACT

The present invention relates to integrated circuits. In particular, it relates to an IC comprising a receiving stage for receiving an input signal, an output stage for generating an output signal having a larger voltage range than the input signal and a level shifter.

Embodiments of the invention provide a structure and a method for fabricating the IC wherein the level shifter is incorporated within the IC to improve reliability of the IC.

Fig. 2