

Title (en)
Integrated circuit with configurable output cell

Title (de)
Integrierte Schaltung mit konfigurierbarer Ausgangszelle

Title (fr)
Circuit intégré avec cellule de sortie configurable

Publication
EP 2587484 B1 20150318 (EN)

Application
EP 11187140 A 20111028

Priority
EP 11187140 A 20111028

Abstract (en)
[origin: EP2587484A1] The present disclosure relates to an integrated circuit for a hearing device, wherein the integrated circuit comprises a ground rail, a first power rail adapted to carry a first voltage (V 1), and a second power rail adapted to carry a second voltage (V 2), the integrated circuit comprising a number of pads for connecting the integrated circuit to other components, the number of pads including at least one output pad including a first output pad, wherein the integrated circuit comprises at least one output cell including a first output cell having a ground pin connected to the ground rail, a first power supply pin connected to the first power rail, a second power supply pin connected to the second power rail, a data pin, at least one voltage select pin and an output pin wired to the first output pad. The first output cell is adapted to operate according to a first mode wherein the voltage on the first output pin has a first amplitude, and according to a second mode wherein the voltage on the first output pin has a second amplitude larger than the first amplitude depending on a control signal applied to the at least one voltage select pin.

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