

ABSTRACT:

Telecommunication terminal with voltage controller.

The invention relates to a telecommunication terminal with a voltage controller (8) which controller forms at least part of an integrated circuit (1) and comprises

- a differential amplifier (14) having a first input (+) for receiving a reference voltage (UREF),
- 5 - means (16, 20) for applying a load current to a load (22) that is provided with at least one phase shifting component (23) in dependence on an output voltage of the differential amplifier (14), and
- a feedback path for feeding back a voltage drop at the load (22) to the second (-) of the two inputs of the differential amplifier.

10 To provide a maximum suppression of disturbances of the output voltage over a wide frequency range and guarantee the stability of the voltage controller, there is proposed to arrange the phase shifting component (23) outside the integrated circuit (1) and to provide a plurality of separate pins (4, 5) of the integrated circuit (1) for coupling the phase shifting component (23) to the output of the means (16, 20) for producing a load
15 current and to the feedback path. The invention likewise relates to a respective integrated circuit.

