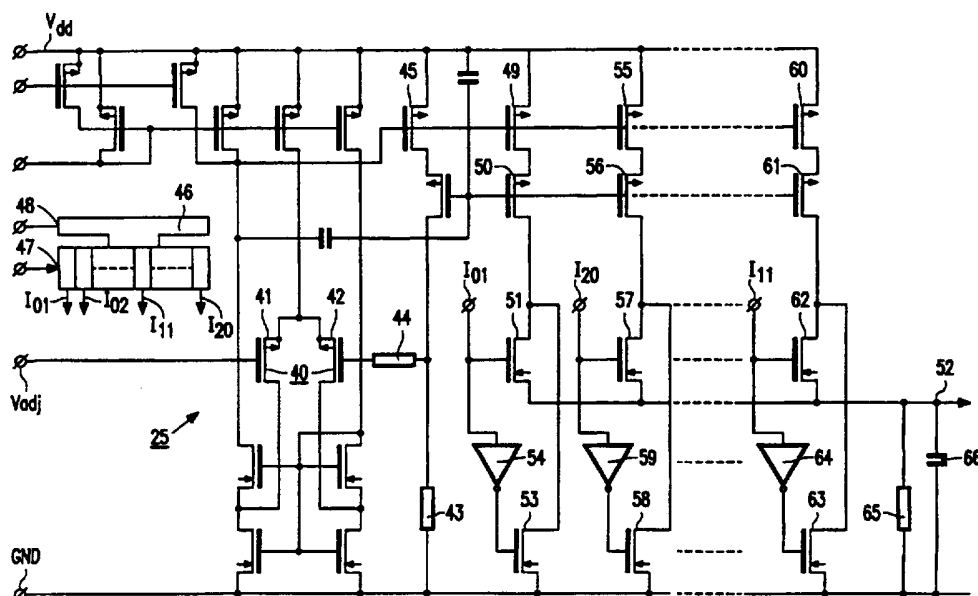


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(54) Title: A WIRELESS DIGITAL COMMUNICATION DEVICE, AND A PULSE SHAPING NETWORK



(57) Abstract

A wireless digital communication device is proposed having a pulse shaping network for pulse shaping digital signals before modulation. The pulse shaping network comprises a shift register to which data to be modulated are fed. Outputs of the shift register are connected to control inputs of switched weighted current sources. The switched weighted current sources are summed over an output resistor. An adjustment voltage for adjusting the magnitude of the shaped data is fed to one input of a differential amplifier, a reference resistor being coupled to another input of the amplifier, and to a reference current source which is mirrored into the switched weighted current sources. Herewith, an accurate and easily adjustable pulse shaping network is obtained.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 96/00675

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H03K 5/02, H04L 27/12, H04L 27/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, CLAIMS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 0107980 A2 (FUJITSU LIMITED), 9 May 1984 (09.05.84), abstract --	1-5
A	EP 0538870 A2 (NEC CORPORATION), 28 April 1993 (28.04.93), column 2, line 14 - column 3, line 57 --	1-5
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Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Åsa Lindén

Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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