Accepted Manuscript

Regular paper

MISO Current Mode Bi-quadratic Filter Employing High Performance Inverting Second Generation Current Conveyor Circuit

Néjib Hassen, Thouraya Ettaghzouti, Karima Garradhi, Kamel Besbes

PII: \$1434-8411(17)31055-5

DOI: http://dx.doi.org/10.1016/j.aeue.2017.08.044

Reference: AEUE 52040

To appear in: International Journal of Electronics and Communi-

cations

Received Date: 29 April 2017 Revised Date: 12 August 2017 Accepted Date: 23 August 2017

Please cite this article as: N. Hassen, T. Ettaghzouti, K. Garradhi, K. Besbes, MISO Current Mode Bi-quadratic Filter Employing High Performance Inverting Second Generation Current Conveyor Circuit, *International Journal of Electronics and Communications* (2017), doi: http://dx.doi.org/10.1016/j.aeue.2017.08.044

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Title page with author details

MISO Current Mode Biquadratic Filter Employing High Performance Inverting Second Generation Current Conveyor Circuit

Prof. Néjib HASSEN

nejib.hassen@fsm.rnu.tn

Micro-electronics and instrumentation laboratory University of Monastir Monastir, Tunisia

PhD. Thouraya ETTAGHZOUTI

thourayataghzouti@yahoo.fr

Micro-electronics and instrumentation laboratory University of Monastir Monastir, Tunisia

PhD. Karima GARRADHI

karimagarradhi@gmail.com

Micro-electronics and instrumentation laboratory University of Monastir Monastir, Tunisia

Prof. Kamel BESBES

kamel.besbes@fsm.rnu.tn

Micro-electronics and instrumentation laboratory University of Monastir Monastir, Tunisia Centre for Research on Microelectronics and Nanotechnology of Sousse, Technopole of Sousse, Tunisia

Néjib HASSEN was born in 1961 in Moknine, Tunisia. He received the B.S. degree in EEA from the University of Aix-Marseille I, France in1990, the M.S. degree in Electronics in 1991 and the Ph.D. degree in 1995 from the University Louis Pasteur of Strasbourg, France. From 1991 to 1996, he has worked as a researcher in CCD digital camera design. He implemented IRDS new technique radiuses CCD noise at CRN of GOA in Strasbourg. In 1995, he joined the Faculty of Sciences of Monastir as an In 1995, he joined the Faculty of Sciences of Monastir as an Assistant Professor of physics and electronics Since 1997, he has worked as researcher in mixed-signals neural networks. Currently, he is professor of microelectronics and electronics to ISIMM University of Monastir. He is focusing on the implementation low voltage - low power mixed and analog circuits

Thouraya ETTAGHZOUTI was born in Tozeur, Tunisia, in 1983. She received the B.S. degree from the Faculty of Sciences of Monastir in 2008, the M.S. degree from at the same University at the Microelectronic and Instrumentation Laboratory in 2010. Actually, she is preparing the Ph.D degree. She is interested to the implementation of low voltage low power integrated circuit design.

Karima GARRADHI was born in Nabul, Tunisia, in 1988. She received the applied license. from the Faculty of Sciences of Monastir in 2011, the M.S. degree from at the same University at the Microelectronic and Instrumentation Laboratory in 2013. Actually, she is preparing the Ph.D degree. She is interested to the implementation of low voltage low power integrated circuit design.

Download English Version:

https://daneshyari.com/en/article/4953804

Download Persian Version:

https://daneshyari.com/article/4953804

Daneshyari.com