

TABLE OF CONTENTS

Volume 1 Number 1

July 2010

Two Simple Analog Multiplier Based Linear VCOs Using a Single Current Feedback Op-Amp

D. R. Bhaskar, R. Senani, A. K. Singh, S. S. Gupta.....1

Voltage Mode Cascadable All-Pass Sections Using Single Active Element and Grounded Passive

Components

J. Mohan, S. Maheshwari, D. S. Chauhan.....5

Fast Implementation of VC-1 with Modified Motion Estimation and Adaptive Block Transform

M. Tammen, M. El-Sharkawy, H. Sliman, M. Rizkalla.....12

FPGA Design of an Intra 16 × 16 Module for H.264/AVC Video Encoder

H. Loukil, I. Werda, N. Masmoudi, A. B. Atitallah, P. Kadionik.....18

The Design of an Intelligent Security Access Control System Based on Fingerprint Sensor FPC1011C

Y. Wang, H. L. Liu, J. Feng.....30