

微 处 理 机

第 39 卷

2018 年第 1 期

(总第 187 期)

目 次

·大规模集成电路设计、制造与应用·

MPS 二极管特性折衷的研究 张晓勇, 关艳霞(1)

真空烧结粘片芯片脱落失效分析 寇凌霄(5)

TEOS 的应用对接触电阻的稳定性问题研究 阎志国, 周卫宏(9)

·微机网络与通信·

电力通信网络中 OSPF 区域划分问题的研究 李祝红, 赵灿明(13)

·微机软件·

TI F2812 芯片串口程序更新研究 彭 云, 孙志鹏(18)

·微机应用·

基于 STM32 低功耗远传水表的硬件设计 吴建斌, 成 亚(23)

基于 C 语言的高校学生选课系统设计与实现 马巧梅(28)

网上图书销售系统的分析与设计 孙加兵, 施 阳(32)

校园数字化教育教学平台建设与应用研究 王 强(36)

密码技术在教务管理中的应用研究 李云波(40)

IIR 数字滤波器设计与 FPGA 实现 陈鑫磊, 辛晓宁, 黄 鑫(43)

基于超级电容光伏并网系统低电压穿越的仿真 李海珠(48)

基于数据库技术的装备精度数据误差匹配分析系统研究 刘 欣, 张则剑, 刘 劲(53)

面向移动机器人的主备双路智能电池系统设计 刘洪涛, 王 猛(57)

基于 OCSVM 的地板块纹理识别算法研究 李润丰(61)

期刊基本参数: CN21-1216/N * 1979 * b * A4 * 96 * zh * p * ¥15.00 * 1000 * 15 * 2018-02

MICROPROCESSORS

No.1 2018

Vol.39

Total 187

CONTENTS

Large Scale Integrated Circuit Design, Manufacture and Application

- Research on the MPS Diode Characteristics Trade-off.....ZHANG Xiaoyong, GUAN Yanxia (1)
Analysis of Chip Shedding Failure in Vacuum Sintering Chips Sticking.....KOU Lingxiao (5)
Study on the Stability of Contact Resistance in TEOS Application..... KAN Zhiguo, ZHOU Weihong (9)

Network and Communication

Research on OSPF Regional Division in Electric Power

Communication Network.....LI Zhuhong, ZHAO Canming (13)

Computer Software

Research on Serial Programming Update of TI F2812 Chips.....PENG Yun, SUN Zhipeng (18)

Computer Application

Hardware Design of Low Power Remote Water Meter Based on STM 32WU Jianbin, CHENG Ya (23)

Design and Implementation of College Student Courses

Selection System Based on C Language.....MA Qiaomei (28)

Analysis and Design of Online Book Sale System.....SUN Jiabing, SHI Yang (32)

Research on the Construction and Application of Digital Education

Teaching Platform of Campus.....WANG Qiang (36)

Research on the Application of Cryptographic Technology

in Educational Administration.....LI Yunbo (40)

Design and FPGA Implementation of IIR Digital Filter.....Chen Xinlei, XIN Xiaoning, HUANG Xin (43)

Simulation of Low Voltage Ride-through of Photovoltaic Grid-connected System

Based on Super Capacitor.....LI Haizhu (48)

Research on Equipment Precision Data Error Matching Analysis System

Based on Database Technology.....LIU Xin, ZHANG Zejian, LIU Meng (53)

Design of Active and Backup Dual-Channel Intelligent Battery System

for Mobile Robots.....LIU Hongtao, WANG Meng (57)

Research on Recognition Algorithm of Floor Texture Based on OCSVM LI Runfeng (61)