

技 术 文 件

技术文件名称: **TMS320x281x**

参考资料

技术文件编号: <V1.0>

版 本: <V1.0>

拟 制 侯长波

审 核 张 勇

批 准 力天电子

力天电子 www.LT430.com

修改记录

| 文件编号 | 版本号 | 拟制人/ 修改人 | 拟制/修改日期 | 更改理由 | 主要更改内容 (写要点即可) |
|------|-----|-------------|------------|------|-------------------|
| | 1.0 | 侯长波 | 2009-12-23 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

一 数据表

01 TMS320F2810, TMS320F2811, TMS320F2812, TMS320C2810, TMS320C2811, TMS320C2812 DSPs

二 应用手册

- 01 TMS320F28xx 和 TMS320F28xxx DSC 的硬件设计指南 (Rev. A)
- 02 通过 TMS320F28xx 和 TMS320F28xxx DSC 设计模拟接口的概述(Rev. A)
- 03 Programming External Nonvolatile Memory Using SDFlash for TMS320C28x Devices
- 04 Programming TMS320x28xx and 28xxx Peripherals in C and C++
- 05 EEPROM Emulation With the TMS320F28xxx DSCs
- 06 Common Object File Format (COFF)
- 07 Running an Application from Internal Flash Memory on the TMS320F28xx DSP
- 08 Flash Programming Solutions for the TMS320F28xxx DSCs
- 09 Microstepping Bipolar Drive of Two-Phase Hybrid Stepping Motor on F2808 DSP
- 10 Copying Compiler Sections from Flash to RAM on the TMS320F28xxx DSCs(pdf、 zip)
- 11 TMS320F281x Boot ROM Serial Flash Programming
- 12 Custom Bootloader Options via One-Time Programmable (OTP) Memory
- 13 Interfacing SD/MMC Cards With TMS320F28xxx DSCs
- 14 IC Package Thermal Metrics
- 15 Optimizing Digital Motor Control Libraries
- 16 TMS320x281x to TMS320x280x/2801x/2804x Migration Overview
- 17 Spread-Frequency Shift Keying Power Line Modem Software Architecture
- 18 TMS320C2000™ DSP Controllers: A Perfect Fit for Solar Power Inverters
- 19 Power Line Communication for Lighting Apps using BPSK w/ a Single DSP Controller
- 20 TMS320F281x Flash Programming API Revision Change
- 21 Recommended Power Solutions for the TMS320x2810/1/2 DSPs
- 22 DSP Control of Electro-Hydraulic Servo Actuators
- 23 TMS320F2810, TMS320F2811, TMS320F2812 ADC Calibration
- 24 Converting Analog Controllers to Smart Controllers with the TMS320C2000 DSPs
- 25 Controlling the ADS8342 with TMS320 Series DSP's
- 26 Signal Conditioning an LVDT Using a TMS320F2812 DSP
- 27 Online Stack Overflow Detection on the TMS320C28x DSP

- 28 Programming Examples for the TMS320F281x eCAN
- 29 Code Composer Studio IDE v2.2 Profiler
- 30 Interfacing the ADS8361 to the TMS320F2812 DSP
- 31 Interfacing the ADS8364 to the TMS320F2812 DSP
- 32 Migrating Code Composer v4.12 Projects to Code Composer Studio v2.0
- 33 An Easy Way of Creating a C-callable Assembly Function for the TMS320C28x DSP
- 34 A Software Modularity Strategy for Digital Control Systems
- 35 A Variable-Speed Sensorless Drive System for Switched Reluctance Motors
- 36 3.3 V DSP for Digital Motor Control
- 37 DSP Solutions for the Switched Reluctance Motor

三 用户指南

- 01 TMS320x281x Serial Communications Interface (SCI) Reference Guide
- 02 TMS320x281x System Control and Interrupts Reference Guide
- 03 TMS320x28xx, 28xxx DSP Peripherals Reference Guide
- 04 TMS320C28x DSP CPU and Instruction Set Reference Guide
- 05 TMS320x281x Serial Peripheral Interface (SPI) Reference Guide
- 06 TMS320x281x Enhanced Controller Area Network (eCAN) Reference Guide
- 07 TMS320x281x Multichannel Buffered Serial Port (McBSP) Reference Guide
- 08 TMS320C28x Assembly Language Tools User's Guide
- 09 TMS320C28x Optimizing C/C++ Compiler User's Guide
- 10 TMS320x281x Event Manager (EV) Reference Guide
- 11 TMS320x281x Boot ROM Reference Guide
- 12 TMS320C2000 Digital Signal Controller Power Line Communication User's Guide
- 13 TMS320x281x Analog-to-Digital Converter (ADC) Reference Guide
- 14 HPA-MCU Interface Board
- 15 TMS320x281x External Interface (XINTF) Reference Guide

四 选择指南

- 01 C2000 微处理器手册 (Rev. F)

五 白皮书

- 01 Enabling Greener Embedded Control Systems with Floating-point DSCs - White Paper

六 勘误表

01 TMS320F2810\F2811\F2812, TMS320C2810\C2811\C2812 DSP Silicon Errata

七 更多文献资料

01 电机控制概述演讲 (Rev. A)

02 PR412 Reference Designs

03 TMS320C2000 Platform DMC Overview

04 Motor Control Foundation Software Product Bulletin

力天电子 www.LT430.com