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C28x Solar Library - download.icxbk.com

C28x™ Digital Power Supply Workshop Workshop Guide and Lab Manual Technical Training Organization ... May 2008. Workshop Topics Important Notice Texas Instruments and its subsidiaries (TI) reserve the right to make changes to their products or to discontinue any product or service without notice, and advise customers to obtain the latest ...

C28x Digital Power Supply Workshop - TI.com

Texas Instruments Inc., 2002-2010 1 C28x IQmath Library A Virtual Floating Point Engine V1.5c June 6, 2010 Module user's Guide (SPRC990)

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- C28x Controller Overview - Lab1: Introduction to Code Composer Studio . Chapter 2. 2. Open loop operation - Digital power library software structure and user interface - Generating pulse width modulated (PWM) waveforms - Lab2: Open loop control . Chapter 3. 3. Implementing Peak Current Mode Control (PCMC)

C2000 DPSWorkshop - Texas Instruments Wiki

The C28x math-optimized core gives designers the flexibility to improve system efficiency and system reliability. As a cross between a microcontroller and a digital signal processor, C2000 real-time controllers bring the execution speed of a DSP with the code density and ease of use of a microcontroller.

C2000 real-time control MCUs | Overview | TI.com

The C2000 Digital Control Library (DCL) provides a suite of robust software functions for developers of digital control applications using the Texas Instruments C2000 MCU platform. All the functions in the library are supplied in the form of C or assembly source code. Version 3.0 of the DCL contains 167 controller and supporting functions.

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DigitalPower SDK for C2000 MCUs is a cohesive set of software infrastructure, tools, and documentation designed to minimize the design time of C2000 MCU-based digital power system development for various AC-DC, DC-DC and DC-AC power supply applications.

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