C2000 PICCOLO LAUNCHPAD

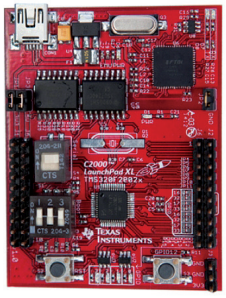
TEXAS INSTRUMENTS Authorized Distributor

Features:

- Pre-programmed C2000 Piccolo F28027 MCU
- Built in isolated XDS100 JTAG Emulator enables real-time in-system programming and debugging via USB
- CPU reset button and programmable push button
- Enables development on any Piccolo F2802x device
- Free unrestricted version of Code Composer Studio integrated development environment (IDE) v5
- Free download of controlSUITE™ software with examples, libraries, application software and more

Kit Contents:

- C2000 Piccolo LaunchPad Evaluation Board (LAUNCHXL-F28027)
- Mini USB Cable
- Quick Start Guide



The C2000 Piccolo LaunchPad evaluation kit, based on the F28027 microcontroller (MCU), is a modular, quick-launch evaluation kit that contains device, emulation and software to explore the latest digital control techniques in areas such as power, lighting and motor control.

Mfg. Part No.	Stock No.	Price Each 1+
LAUNCHXL-F28027	26W7560	---

PIM_207662

C2000 SERIES MCU DEVELOPMENT KITS

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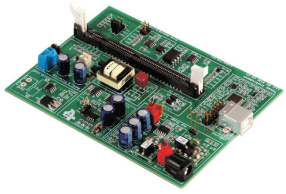
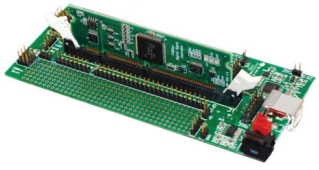




The C2000 MCU family enables uncompromising performance for a variety of real-time control applications such as motor control, digital power supplies, solar and renewable energy, LED lighting, smart grid, radar and more.

The new C2000 Experimenter Kits from Texas Instruments are ideal products for OEMs to use for initial device exploration and testing. The 2808 Experimenter Kit has a docking station with access to all controlCARD signals, breadboard areas and RS-232, JTAG connectors, and features on board USB JTAG emulation.

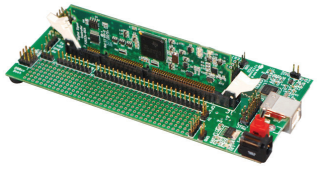
The C2000 Resonant DC/DC Developer's Kit is an designed to show users how to design a digitally controlled resonant converter. Based on a single transformer LLC resonant DC/DC converter design, the EVM supports four different feedback methods, loss less current sensing for fault protection, and an active load for transient response tuning.

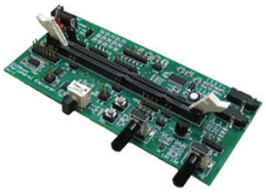
Mfg. Part No.	Description	Stock No.	Price Each 1+
TMDSRESDCKIT	C2000 Resonant DC/DC Developer's Kit	52P6799	---
TMDSDOCK2808	C2000 TMS320F2808 Experimenter Kit	11N9808	---

PIM_148779

DELFINO SERIES MCU DEVELOPMENT KITS

TEXAS INSTRUMENTS Authorized Distributor





The C2000 Peripheral Explorer Kit enables new C2000 users and university students to easily learn how to use all of the advanced peripherals on a C2000 microcontroller. The kit includes an F28335 controlCARD and a baseboard with all the hardware necessary to interact with the peripherals. The kit also includes a Teaching ROM, with over 15 labs detailing the F28335.

The C2000 Experimenter Kit is based around the C2000 Delfino™ TMS320F28335 MCU , which features a 150 MIPS processing core with floating point support, 512 KB integrated flash, 18 PWM channels with high resolution capability, 12-bit 12.5 MSPS ADC, capture interfaces, QEP interfaces, serial connectivity, and more.

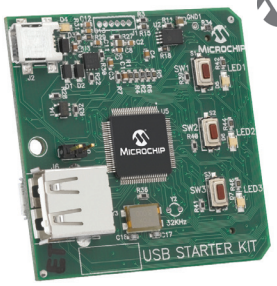
Mfg. Part No.	Description	Stock No.	Price Each 1+
TMDSPREX28335	Delfino C28335 Peripheral Explorer Kit	52P6798	---
TMDSDOCK28335	Delfino F28335 Experimenter Kit	11N9809	---

PIM_148769

MPLAB STARTER KIT FOR PIC24E MCU FAMILY

MICROCHIP

RoHS Compliant Available



The PIC24E USB Starter Kit provides a low cost method for the development and testing of USB OTG, Host and Device applications on the 60 MIPS PIC24E MCU family. The board contains an on-board programming/debugger, standard A USB and micro A/B connectors, three user-programmable LEDs, three push button switches and an expansion header compatible with the Multimedia Expansion Board (DM320005) and I/O Expansion Board (DM320002). The starter kit comes preloaded with basic Communication Device Class (CDC) demonstration software.

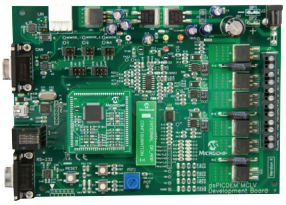
Mfg. Part No.	Stock No.	Price Each 1+
DM240012	55T2291	---

PIM_207450

dsPICDEM™ MCLV-2 DEVELOPMENT BOARD

RoHS Compliant Available

MICROCHIP



The **dsPICDEM MCLV** Development Board is targeted to control a Brushless DC (BLDC) motor or Permanent Magnet Synchronous Motor (PMSM) in sensor or sensorless operation. This board can be configured in different ways for use with specialized motor control digital signal controllers. The **dsPICDEM MCLV** Development Board supports the dsPIC33F motor control device family. It offers a mounting option to connect either a 28-pin SOIC device or a generic 100-pin Plug-In Module (PIM). The board also has a three-phase inverter bridge circuit. The circuit drives a BLDC or PMSM motor using different control techniques without requiring any additional hardware.

Mfg. Part No.	Stock No.	Price Each 1+
Power Management - Motor Control, BLDC Motor		
DM330021-2	28W5783	---

PIM_210339

MSP430 PROGRAMMING AND DEBUGGING TOOLS

TEXAS INSTRUMENTS Authorized Distributor

The MSP430 is a mixed-signal microcontroller family from Texas Instruments. Built around a 16-bit CPU, the MSP430 is designed for low cost and, specifically, low power consumption[1] embedded applications.

The **MSP-TS430PZ100A** is a standalone ZIF socket target board used to program and debug the MSP430 MCU in-system through the JTAG interface or the Spy Bi-Wire (2-wire JTAG) protocol. The **MSP-FET430PIF** is a Parallel Port interface (does not include target board) that is used to program and debug MSP430 FET tools and test boards through the JTAG interface. This interface uses a Parallel PC Port to communicate to the Debugger Software (IAR Kickstart software included) running on the PC.

Mfg. Part No.	Stock No.	Price Each 1+
Debugger / Programmer		
MSP-FET430PIF	98J0246	---
In-Circuit Emulator / Programmer		
MSP-FET430U100A	24R9816	---

PIM_74625