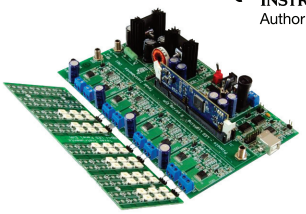
PICCOLO MCU BASED DC/DC LED SEPIC DEVELOPER'S KIT

TEXAS INSTRUMENTS Authorized Distributor

Kit Contents
- DC/DC LED lighting power board
- Piccolo F28035 controlCARD
- LED panel
- 12V power adapter
- Banana Plug Cable
- USB Cable
- USB drive with GUI executable
- CCS4 Installation CD



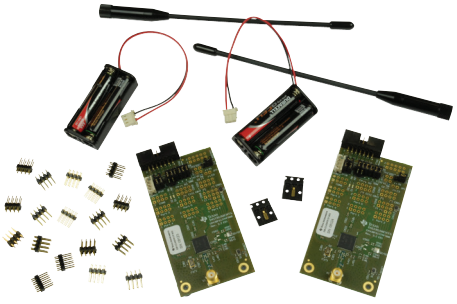
LED DC/DC Developer's Kit includes all of the hardware and software to start experimenting and developing a digitally controlled LED DC/DC system. The kit is based on the Piccolo microcontroller and the controlCARD development platform. One Piccolo MCU is able to directly control the DC/DC power stage as well as eight LED strings. The development board takes 12-36V DC of input and uses a SEPIC DC/DC topology to buck or boost the input voltage to a desired level. This voltage is then fed to four LED driving stages, each capable of driving two LED strings at up to 30 watts each. The kit includes closed loop, open source software for both the DC/DC stage and the LED lighting stage.

Mfg. Part No.	Stock No.	Price Each 1+
TMDSDCDCLEDKIT	74R6607	---

PIM_194376

CC430 WIRELESS DEVELOPMENT TOOL

TEXAS INSTRUMENTS Authorized Distributor



Features
- 2 XCC430F6137
- AES-128 hardware encryption module
- 96 segment LCD Driver
- 1 USCI (UART, 2xSPI, I2C, IrDA)
- 12-bit ADC, 200 ksps
- 2 LEDs / CC430 wireless target board
- 2 pushbuttons / CC430 wireless target board
- 18 4x2 pin headers
- 2 AAA battery packs with 2-wire power connectors

Kit Contents
- 2 CC430 wireless target boards
- 2 868/915 MHz Antennas
- Software
- Full Documentation

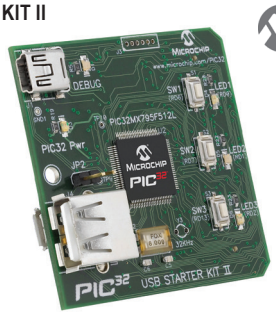
EM430F6137RF900 is a complete wireless development tool for the CC430 that includes all the hardware required to develop an entire wireless project. The sample kit includes two sub-1GHz wireless target boards (including antennas) featuring the highly integrated MSP430F6137IRGC RF System-on-chip. Projects may be developed and instantly deployed using the included batteries. The EM430F6137RF900 development board supports all CC430F613x and CC430F612x flash parts in the 64-pin QFN (RGC) package. It also supports software development for the CC430F513x parts (48-pin QFN (RGZ) package).

Mfg. Part No.	Stock No.	Price Each 1+
EM430F6137RF900	63R9909	---

PIM_196448

PIC32 USB STARTER KIT II

MICROCHIP



Kit contents
- PIC32 USB Starter Board II
- Standard A to mini B cable for debugger
- Standard A to micro B cable for USB application development
- Quick start card

The PIC32 USB Starter Kit II provides the easiest and lowest cost method to experience the USB and CAN functionality of the PIC32 microcontrollers. Users can develop CAN applications using PIC32 expansion boards. The board contains everything need to develop USB embedded host/device/OTG applications by combining this board with free USB software.

Mfg. Part No.	Kit Application Type	Stock No.	Price Each 1+
DM320003-2	Communication & Networking	51R8563	---

PIM_164439

HIGH PERFORMANCE USB-BASED EMULATOR

ANALOG DEVICES AHEAD OF WHAT'S POSSIBLE™

Features
- High speed USB 2.0 interface enabling download speeds of up to 1.5MB/sec (ADZS-HPUSB-ICE)
- Background Telemetry Channel (BTC) support
- 1.8V, 2.5V, and 3.3V compliant and tolerant
- Support for all ADI JTAG processors and DSPs
- 5V tolerant and 3.3V compliant for 5V processors and DSPs
- Multiprocessor support

ADZS-HPUSB-ICE is a cost-effective High Performance (HP) Universal Serial Bus (USB)-based emulator which provide an easy, portable, non-intrusive, target-based debugging solution for Analog Devices JTAG processors and DSPs. These powerful USB-based emulators perform a wide range of emulation functions including single-step and full speed execution with pre-defined breakpoints and viewing and/or altering of register and memory contents. With the ability to automatically detect and support multiple I/O voltages, the USB and HP USB emulators enable users to communicate with all of the Analog Devices JTAG processors and DSPs using either a full speed USB1.1 or high-speed USB2.0 port on the host PC. Applications and data can easily be tested and transferred between the emulators , VisualDSP++ debuggers which are sold separately.

Mfg. Part No.	Stock No.	Price Each 1+
Emulator		
● ADZS-HPUSB-ICE	14M7074	---

PIM_189572

ULINK FAMILY OF DEBUG AND TRACE ADAPTERS

KEIL™ Tools by ARM

ULINK2

Features
- Download programs to your target hardware
- Examine memory and registers
- Single-step through programs and insert multiple breakpoints
- Run programs in real-time
- Program Flash Memory
- Connect using JTAG or Serial Wire modes
- On-the-fly debug of ARM Cortex-M based devices
- Examine Trace information from ARM Cortex-M3 and Cortex-M4 devices

ULINK2 Keil Debug Adapter connects user PC's USB port to your target system (via JTAG, SWD, or OCDS) and allows you to program and debug embedded programs on target hardware. ULINK2 may be used for on chip debugging (using on chip JTAG, SWD, or SWV) and flash memory programming (using user configurable flash programming algorithms). Using the ULINK2 adapter together with the Keil µVision IDE/Debugger, user can easily create, download, and test embedded applications on target hardware.

Mfg. Part No.	Stock No.	Price Each 1+
In-Circuit Debugger / Programmer		
● ULINK2	74T5673	395.00

PIM_199452

DSTREAM HIGH-PERFORMANCE DEBUG AND TRACE

ARM DS Development Tools

RoHS Compliant Available

Features
- 4GB trace buffer for extended trace capture
- Parallel Trace up to 9.6 Gbps
- Serial Trace up to 20 Gbps with HSST- Probe
- Download speed up to 2.5MB per second
- JTAG clock up to 60 MHZ
- Flexible Architecture to support 3rd party

The DSTREAM™ high-performance debug and trace unit enables software debug and optimization on any ARM processor-based hardware target. DSTREAM extends the functionality of RVI and RVT2 with faster memory download and trace capture, as well as wider support for physical debug and trace interfaces and enables the connection of DS-5 Debugger, RVD and third party debuggers to ARM-based devices via JTAG or Serial-Wire Debug.

Mfg. Part No.	Stock No.	Price Each 1+
In-Circuit Debugger / Programmer		
● DSTRM-KT-0181A	75T9199	3500.02

PIM_199451