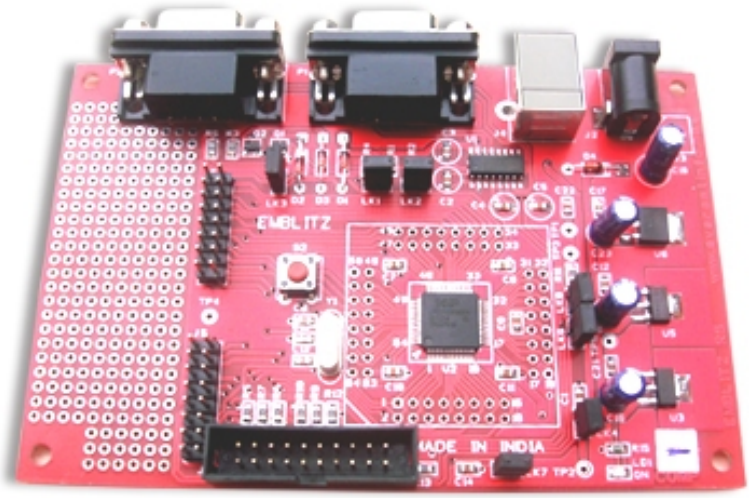
EmBlitz™
Embedded Technology Learner's Kit

Low Cost Embedded ARM Project KIT (LPC 2129)

Product No : Ec 95827



Board Features :

- Processor: LPC2129
- 2xSerial ports(One for ISP and other for Serial Communication)
- 12.00 MHz crystal
- Inbuilt Reset Circuit with a switch on board.
- RESET circuit can be controlled externally by Philips ISP utility via RS232.
- Dual Power supply (either through USB or using external power adapter).
- Status LED for power supply.
- Three on-board voltage regulators 1.8V, 3.3V and 5V with up to 800mA current Extension headers for all µC ports PCB.
- 32 bit general purpose I/O pins(P0.8-P23 & P1.16-P1.31) are connected to external Connectors to to facilitate easy system expansion.
- A prototyping area is provided for interfacing the controller chip to any of the small peripherals mentioned below:
  - LCD Interfaces
  - 7 segment display.
  - Matrix Keyboard Interface.
  - Stepper Motor Interface.
  - CAN Ports.

System Requirement:

- Hardware requirements:
- A PC with serial (RS232) port. If serial port is not available, a USB to serial converter (Ec95829) can be purchased from us.
- A USB port to provide power supply for the board.

Software requirements:

- MS Windows 98/ME/NT/2000/2003/XP/Vista

EmBlitz™
Embedded Technology Learner's Kit

Contents of Kit:

- Low Cost Embedded ARM Project Board
- USB cable
- Serial cable
- JTAG Wiggler with 20 pin data cable
- Extra jumpers
- 1 Software CD containing µVision Keil IDE, GNU Toolchain, JTAG debugger, Philips ISP Utility, all necessary documentation including Schematic of the Board, User Guide for the board, Quick Start Guide, Data Sheets, and reference manuals, Example codes and Case Studies.

Everest Infocom Pvt. Ltd.
#738/33, 12th Main, 3rd Block, Rajajinagar, Bangalore-560010, India
Phone: +91 80 2314 0344 / 2314 6229
Mobile: +91 09986652733
Email: order@emblitz.com
www.emblitz.com, www.eilabz.com, www.everestinfo.in

EmBlitz™
Embedded Technology Learner's Kit