

## P2-ARM7 Evaluation Board

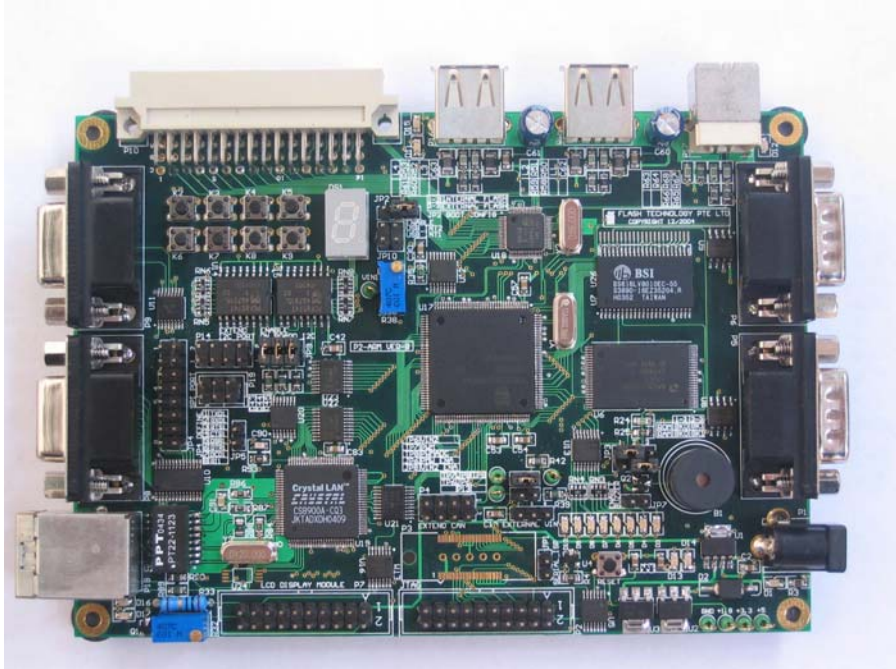
### P2-ARM7 Evaluation Board Using Philips LPC2292/4 ARM7 TDMI Micro-Controller

This evaluation board allows the startup design of different application. Engineers can use it to start up project in shortest time, or use it to evaluate the ARM7 controller feature.

### Features of P2-ARM7 Evaluation Board

#### Model: P2-ARM7

On Board CPU	: Philips LPC2292/4
CPU Clock	: Up to 60 MHz (12MHz Crystal)
Onboard SRAM	: 4/8Mb
On-board Flash	: 16Mb
USB Host port	: 2
USB device port	: 1
Ethernet port	: 1
UART port	: 1
Modem port	: 1
CAN port	: 2
Extension CAN Bus	: 2
I2C extension	: 1
I2C Keyboard	: 8 keys
I2C 7-segment LED	: 1
ISP Interface	: 1
Buzzle	: 1
On-board ADC input	: 1
External ADC input	: 1
PWM DAC output	: 1
LED display	: 8
JTAG port	: 1
ETM port	: 1
Power supply	: 5-7.5 Volts DC, 1A Typical



### Application :

Suitable for PC peripherals development, mobile phone development, Point of Sales (POS) development, personal communication devices development. The evaluation board is completed with software driver for all communication ports. In this case, the developer can jump start the firmware development in shortest time with the help of the existing driver for all ports.

Loading of flash memory external or internal is possible through low cost debugger. Individual memory allocation and programming is possible through ISP also.

### Debugger/Compiler Support :

Supporting of IAR, Hitech, ADS, GreenHill Keil, etc compilation tools and debugging system. Working with Lauterbach, IAR C-SPY, Keil dScope, debugger for JTAG debugging instantly.

### Development Package :

P2-ARM7 Evaluation board consist of evaluation board, Power Adapter, serial cable, CD-ROM for driver.

CD-ROM : Driver included for I2C interface, Full CAN, CAN ALL, Serial Ports and Ethernet. Startup code also provided for most debugger.

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