

USB Development Kit



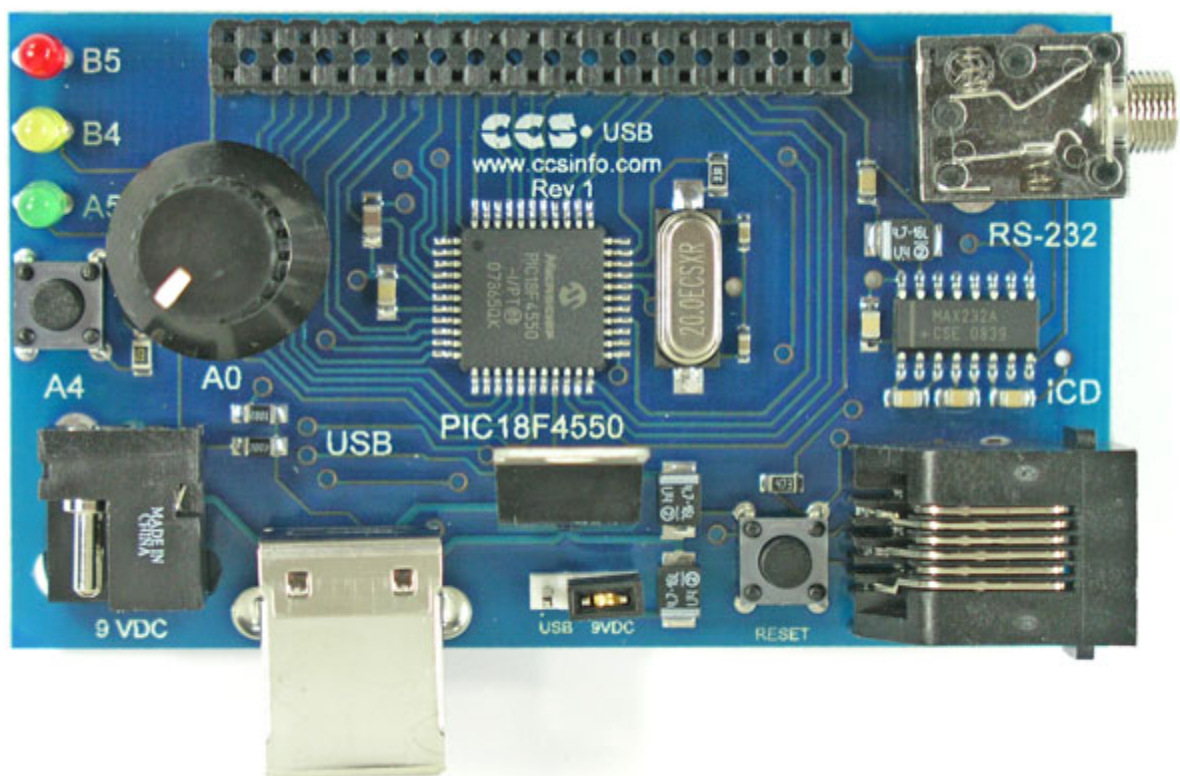
Development Kit Options

Tools Included	w/Compiler	Hardware Only*	Proto-Board*
Skus	S-16	53314-451	53203-379
Compiler Software	PCWH		
Programmer	●	●	
Prototyping board	●	●	●
Power supply & cables	●	●	
Exercise book	●	●	
Price	\$624	\$149	\$50
Buy Now ➔	Add	Add	Add

*Hardware only and proto-boards are intended for customers already owning a CCS compiler.

This kit enables users to begin USB interface development with Microchip's PIC[®] PIC18 family. The development kit includes the powerful PCWH Integrated Development Environment with compiler support for Microchip's PIC[®] PIC10, PIC12, PIC16 and PIC18 families and an ICD-U64 in-circuit programmer/debugger that supports C-aware real time debugging. The prototyping board features the PIC18F4550 with an on-chip USB controller peripheral. PC software (with source) is included to communicate with the USB board. CCS provided examples include human interface applications and a high speed example emulating an oscilloscope.

The USB Prototyping Board (Size: 3" x 1.75") includes:



- PIC18F45K50 Flash Chip
- 26 I/O Pins (11 Can Be Analog)
- RS-232 Port and RS-232 Level Converter
- Three LEDs
- One Potentiometer
- One Push-button
- One Jumper to Configure board as self-powered or USB powered

Two example programs are provided with the CCS C compiler. The first example is how to configure the board to act as a HID device, the second is an example how to configure the board to act as a USB device that accepts and receives bulk mode transfers. C source code, Microsoft Windows applications and source used for both examples are provided.

The CCS USB examples are also compatible with the Microchip PIC16C7x5 USB peripheral, which CCS also provides C source code with the CCS C compiler. To develop with the PIC16C7x5 you may purchase the CCS Software Prototyping Board and attach the optional USB connector (USB Add-on).

The USB Development Kit includes:

- USB Prototyping Board
- In-Circuit Debugger/Programmer
- Exercise Tutorial
- 9V AC Adapters and Cables

Click here to view the [Prototyping Accessories](#).

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