

CCS C Compiler Accessories



These hardware prototyping kits allow the user to utilise the routines provided in the compilers directly.

Experimenters Kit

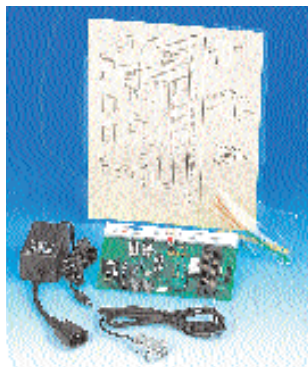
This kit features support and parts for the following projects:

- Pulse Generator
- Dallas Touch Button
- Breadboard
- I/O Expansion chips
- Serial EEPROMs
- Serial Electronic Pot.
- Temperature chip
- 4MHz and 10MHz oscillators
- Real-Time clock
- Crystal and R/C Headers
- Serial RAM chip
- Jumper wire

SEM857

CCS-Experimenters Kit Order Code 329-6908 **each**

Prototyping Card



This kit includes:

- 40 and 18 way ZIF Sock
- 2 x Pushbuttons
- Terminal Strip
- 2 x potentiometers
- Power supply
- 2 x RS232 Ports
- 6 x LEDs

SEM858

CCS-Prototype Card Order Code 329-6921 **each**

Keypad and LCD Kit



This kit includes:

- 1 x Push Button Keypad (3 x 4 Matrix)
- 1 x 16 Character by 2 lines LCD with Backlight

SEM859

CCS-Keypad/LCD Order Code 329-6910 **each**

C-Like Compiler for PIC16/17

- 'C-like' syntax provides simple learning curve
- B.L.O.C. and assembly routines can be mixed
- Zero stack and memory overhead by compiler
- Regular and in-line functions
- In-line assembly code inclusion

The RICE16 in-circuit emulator supports source level debugging for the B.L.O.C. (Butterfly Signal Processing) 'C-like' compiler.

SEM23

BLOC 'C-like' compiler for PIC16/17 Order Code 631-954 † **each**

† Available until stocks are exhausted

BASIC Compiler for PIC16Cxx

- Supports 16C55x/6x/7x/8x/92x and PIC14000
- Generates HEX code for programming into PIC
- Expanded BASIC STAMP 1 compatible instruction set
- Faster program execution than BASIC Interpreters
- I²C (in/out) instructions to access external Serial Eeproms and other I²C devices
- In-line Assembler and Call Support

The PicBASIC Compiler is a DOS command line application which also operates within Windows. It converts the easy-to-use BASIC programs into Hex or Binary files that can be programmed into a PIC directly. It can create programs for the devices it supports and produces object code compatible with most PIC programmers.

MPASM Assembly language and BASIC instructions may be mixed via the PicBASIC Compiler's in-line Assembler and Call instruction. A PIC macro assembler is also included.

SEM592

MEL-PBC Basic Compiler for PIC Order Code .110-929 **each**

BASIC Pro Compiler

The professional version of the PicBasic compiler makes it even easier to program PIC microcontrollers. Many additional features are added and the compiler can also be used within Microchip's MPLAB IDE software.

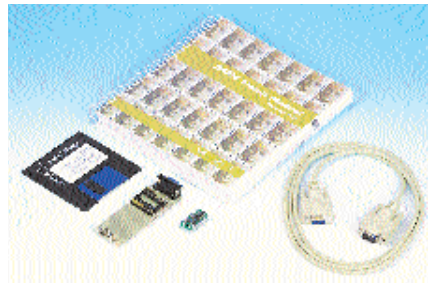
Features:

- Direct and library access to any pin or register
- Automatic page boundary handling past 2K
- Bit, byte and word arrays
- Real If...Then...Else...Endif
- Hierarchical expression handling
- Interrupts in BASIC and assembler
- More variable space (processor dependant)
- In-line assembler and Call support
- MPASM / ICE compatibility
- Use in DOS or Windows

SEM860

MEL-BPRO Order Code 329-6933 **each**

BASIC Stamp Development Kit



BASIC Stamp2 is a module that runs easy-to-read BASIC programs. Its features make it ideal for many prototyping and control applications and it is programmed from a standard PC. It becomes a fully autonomous unit once programmed. The Stamp is fully programmable up to 1,000,000 times with retaining capability even after power-down.

The Kit comprises:-

- A manual covering programming language, examples/detailed applications, Stamp editor software for the PC (manuals may be updated)
- Stamp2 module and project board
- Programming cable

SEM555

Stamp2 Development Kit Order Code 688-680 **each**
 BASIC Stamp 2 Module Order Code 111-235 **each**

A range of Stamp Applications Kits are also available which further reduce development time by providing peripheral components with device, full data and ready-to-go BASIC routines on disk. These include:

	Order Code	Price Each
Thermometer Kit , based on the Dallas DS1620, -40°C to +125°C, 0.5° acc.	688-691	
8k byte EEPROM Kit , non-volatile storage ideal for data-logging projects	688-708	
Dual 12-bit ADC , serial interface with differential measuring capabilities	688-710	
DTMF Kit , touchtone de/coding	688-721	
Clock/Calendar Kit , RTC with year to second read/write facility	688-733	
LED Display Driver Kit , driving numeric 7 segment LED displays up to 8 characters long	690-570	
RF Kit , unpopulated temperature/voltage data transmitter and receiver pcbs and 2 devices	301-2827	

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