

eBLOCKS[®]

USB Bundle



General information

This product is a bundle containing a selection of E-blocks development boards together with a professional version of Flowcode graphical development software.

1. Features

- The easiest way to develop USB systems and devices
- Includes a downloadable copy of Flowcode V6
- Full USB software library included
- PIC18F4455 processor chip included
- Operates at 48MHz Clock speed, using on-chip PLL



Description

This bundle includes everything you need to rapidly develop a fully working USB to computer interface based on the EB006 Multiprogrammer device which presents an extremely easy way to build PC interfaces.

The kit includes the E-Blocks LED board, E-Block LCD board, E-Block Multiprogrammer board, E-Block USB board, PIC18F4455 USB programmable device, 4MHz Crystal for PLL, an International power supply, USB lead and a downloadable professional version of Flowcode 6.

All circuit diagrams for the boards are available via download which allows you to develop your own circuit board having prototyped your system.

Flowcode 6 includes a full USB pack for rapid design of USB slave systems, USB serial port replication, and USB Human Interface Device development.

The combination of Flowcode with the EB006 and EB055 means that you can develop systems that are ready to communicate with a PC.

Learning resources

Flowcode V6 includes over 200 components that simplify both learning and development of embedded systems, such as wired and wireless communication protocols and applications.

Detailed datasheets are available for each e-Block board via download from the Resource or Learning Centre sections of the Matrix TSL website.

Articles and software examples for teaching and application development for this selection of E-blocks are available on the Resource and Wiki sections of the Matrix TSL website. Additional help is available from the broad spread of experienced members of the Matrix TSL online forum.

Matrix TSL Learning Centre:
http://www.matrixtsl.com/lc_index.php

Flowcode Wiki:
<http://www.matrixtsl.com/wiki>

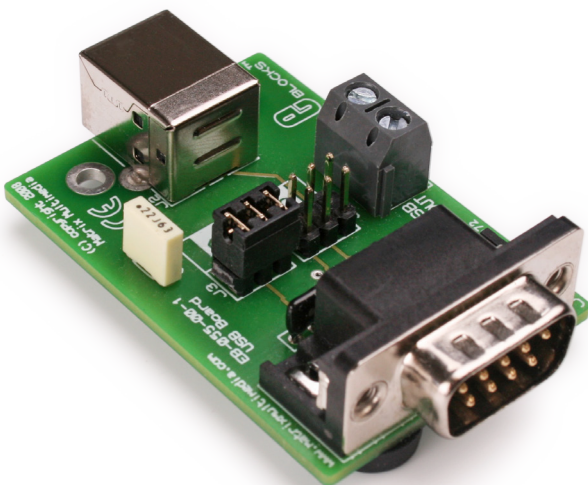
Matrix TSL Forum:
<http://www.matrixtsl.com/mmforums>

Pack Contents

The table gives a list of the major items of the pack contents.

Datasheets on any individual item are available from the resource section of the Matrix TSL website www.matrixtsl.com

Qty	Description
1	E-blocks LED board
1	E-Blocks LCD board
1	E-blocks PICmicro multiprogrammer
1	E-Blocks push-to-make switch board
1	E-blocks USB interface board
1	Flowcode V6 Professional Commercial single, PIC
1	4 MHz Crystal
1	PIC18F4455 chip
1	Power supply
1	USB lead





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