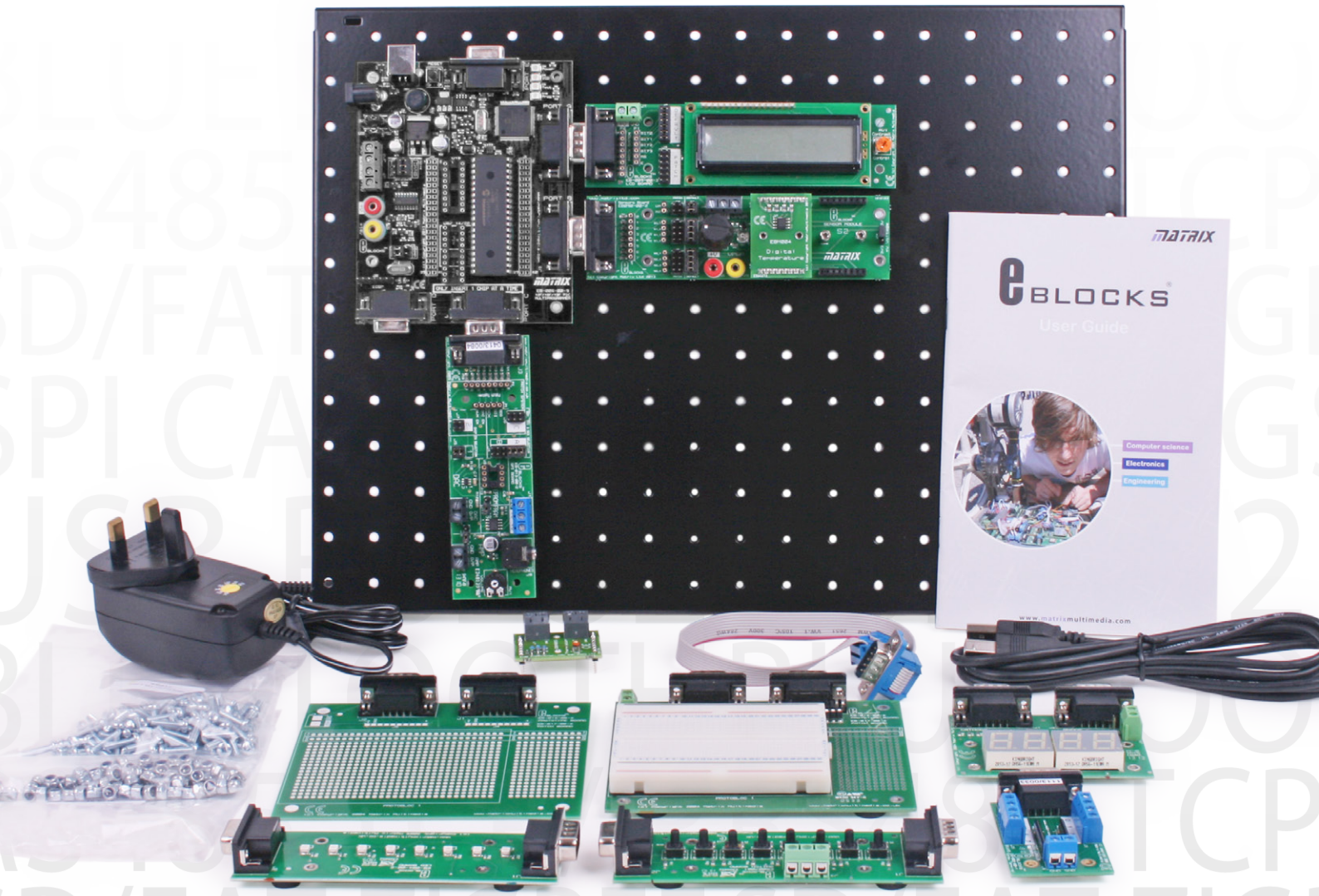
MATRIX

eBLOCKS®

Standard PICmicro® starter pack



General information

This board provides a selection of E-blocks™ that can be used for a wide range of applications in microcontroller programming: both for learning and for projects.

1. Features
- Programmer/Processor E-block board
- A selection of peripheral and interface E-block boards
- Metal backplane and accessories for mounting the E-blocks
- Mains power supply adaptor
- Supplied in rugged storage/transport trays
- Downloadable resources from the Matrix TSL website, including: Utility software for downloading compiled code
- Free online course in microcontroller programming

2. Benefits
- Can be used with a wide range of students - from technician to postgraduate
- Saves a great deal of time in project construction
- Can be combined with our courseware to provide a complete solution to learning

Pack description

This starter pack contains a metal backplane for mounting E-blocks, a power supply, a collection of individual E-blocks together with rugged plastic storage trays and accessories like nuts and bolts, mounting pillars, cables and IDC connectors etc. The E-blocks boards and accessories can be used to form a wide number of electronic systems, for learning or for project work, and additional E-blocks boards and sensors can be added to these systems as you need them.
Plastic covers for all E-blocks are available which can extend E-block board life and prevent chips and links from being removed.

The product is shipped in rugged plastic trays for storage and transport and is supplied at a considerable discount to the sum of the costs of the individual parts.

A free online tutorial in microcontroller programming is available on the Matrix TSL website, much of which can be completed with the demonstration version of Flowcode, which is available as a free download.

Courseware and software for programming in C or assembly is available separately, as is a full version of our graphical program-ming software - Flowcode.

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Further information

1. Learning time

Not applicable: learning time is dictated by the course used with E-blocks. Flow-code , Assembly for PICmicros and C for PICmicros can each be used to give learning courses of 50 - 60 hours.

2. Prerequisites

Depends on course undertaken

3. Manual

An E-blocks user's guide is available electronically.

4. System requirements

PC with CD ROM drive and Windows XP or later.

5. Futher information

A separate datasheet is available for each of the E-blocks boards included in the pack. Please see our web site for details.

6. Order code

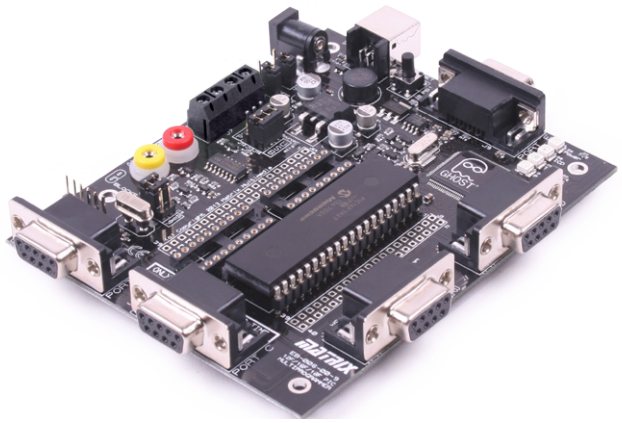
The order code for this product is EB2161.

7. Also consider

Courses in Flowcode, C and Assembly code programming.
Deluxe starter packs
Solutions and trainer packs

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 Metal backplane and accessories
1	E -blocks screw terminal board
1	E -blocks sensor interface motherboard
1	Thermistor sensor module
1	Digital temperature sensor module
1	E -blocks LED board
1	E -blocks LCD board
1	E -blocks USB Multiprogrammer board
1	E -blocks Switch board
1	E -blocks Quad 7-segment display
1	E -blocks D/A and memory board
1	E -blocks Prototype board
1	E -blocks patch board
1	International power supply with adaptors
1	USB lead

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Matrix Technology Solutions Ltd
The Factory
33 Gibbet Street
Halifax, HX1 5BA, UK

t: +44 (0)1422 252380
e: sales@matrixtsl.com

www.matrixtsl.com

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