MATRIX

eBLOCKS®

Build your own datalogger 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**
   - Includes a downloadable copy of Flowcode V6
   - Allows you to develop USB reprogrammable systems
   - Full USB software library included

Description

The kit includes the E-Blocks LED board, E-Block LCD board, E-Blocks Switch board, E-blocks sensor board, E-blocks SD/MMC card reader board, an SD memory card, E-Blocks ECIO Application board, ECIO 40 pin USB programmable device, 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 with E-blocks. Flowcode 6 includes a full USB pack for rapid design of USB systems. Articles and software examples for USB development, datalogging, and SD card technology are available on the Matrix TSL website Resource Centre, Wiki and Forum. The combination of Flowcode with the ECIO means that you can develop systems that are fully USB reprogrammable in the field, and 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:
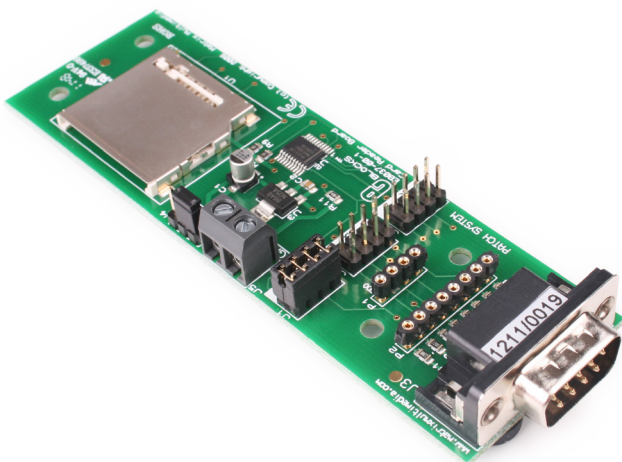http://www.matrixtsl.com/lc_index.php
Flowcode Wiki:
http://www.matrixtsl.com/wiki
Matrix TSL Forum:
http://www.matrixtsl.com/mmforums

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 push-to-make switch board
1	E-Blocks MMC card reader board
1	E-blocks application board
1	E-blocks sensors mother board
1	Digital temperature sensor module
1	40 pin PIC 18 ECIO
1	Flowcode V6 Professional Commerical single, PIC
1	2 GB Memory Card
1	Power supply
1	USB lead

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