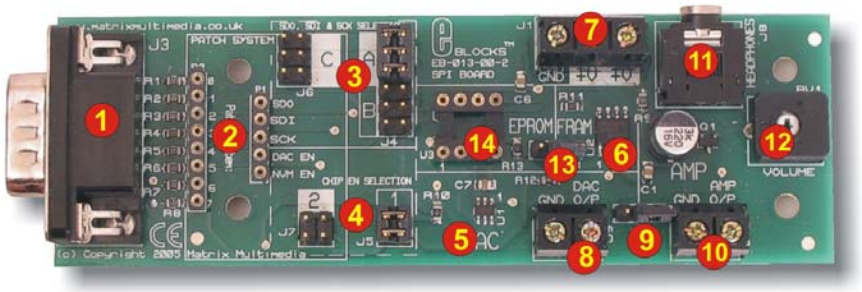
E-blocks™ SPI Memory and D/A board

Adds large memory and Analogue functions to your system

EB013-60-2



- Includes Non-Volatile Memory or FRAM
- Includes Digital to Analogue converter
- Flowcode macros available
- Speaker and headphone connectors
- Ideal for simple audio projects

This E-block contains an 8k byte SPI (Serial Peripheral Interface) compatible serial memory and D/A converter chip. The board can be used to provide additional memory or D/A features into an E-block system. This board is ideal for allowing investigation of communication between electronic devices using the standard Serial Peripheral Interface communications protocol. The board is also well suited for simple audio applications.

On-board links select which pins of the D-type connector (and hence the host microcontroller) are used and the board is compatible with a wide range of microcontrollers.

The board also has a socket, with selection jumpers, for an optional 8 pin EEPROM device – e.g. 25LC640.

Flowcode macros for driving the memory and the D/A are available. A clear protective acrylic cover for this E-block is also available.

This board is part of the E-blocks ™ family of products:

1. 9-way downstream D-type connector
2. Patch system
3. SDO, SDI & SCK mode selection jumper pins
4. SPI Chip enable mode selection jumper pins
5. SPI Serial D / A Converter
6. SPI Serial FRAM
7. Power screw terminals
8. D / A Output
9. Amplifier selection jumper pins
10. Amplifier output screw terminal
11. Headphone socket
12. Volume control for amplifier
13. EPROM/FRAM jumper
14. EPROM socket (EPROM not fitted)

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