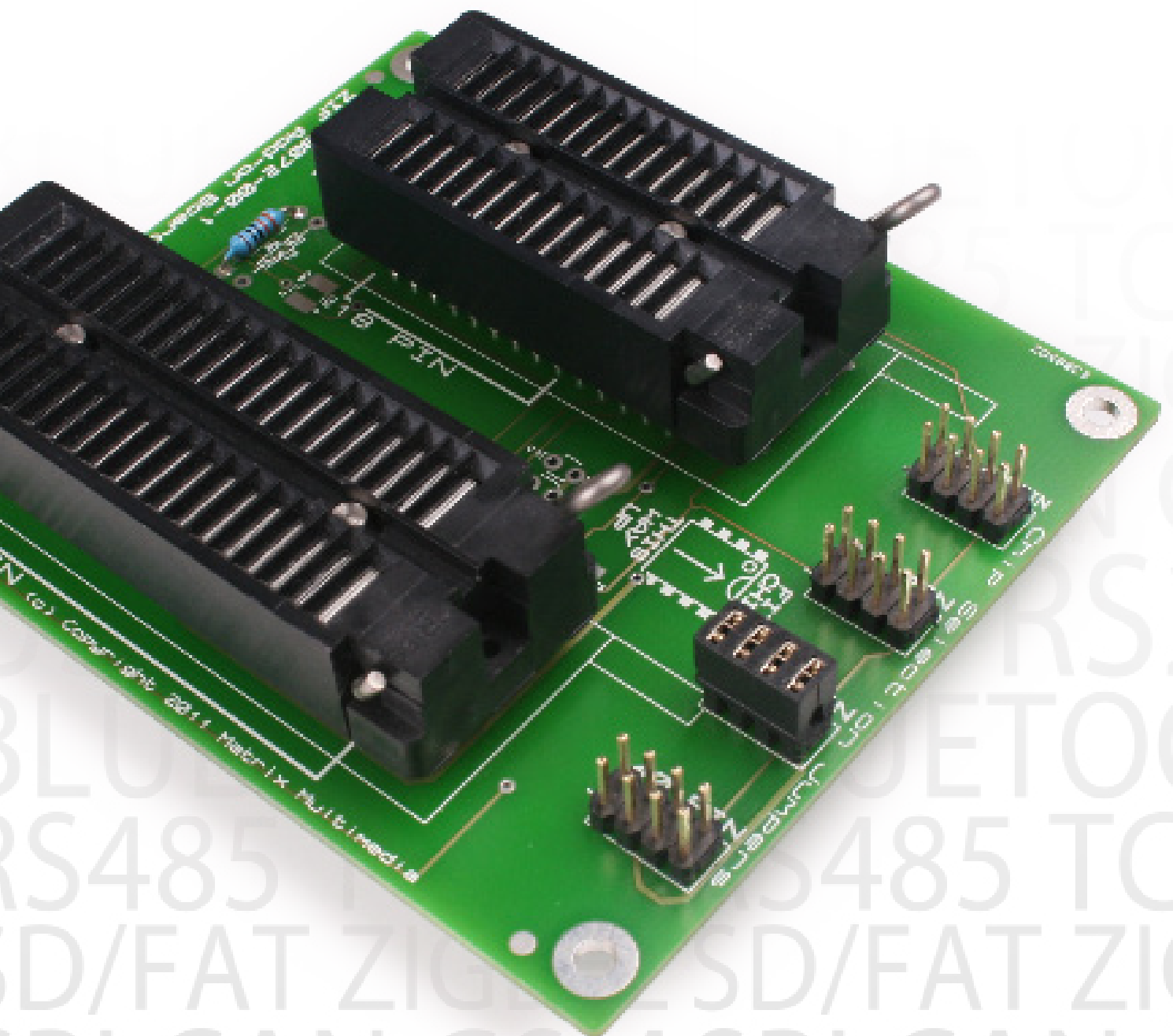


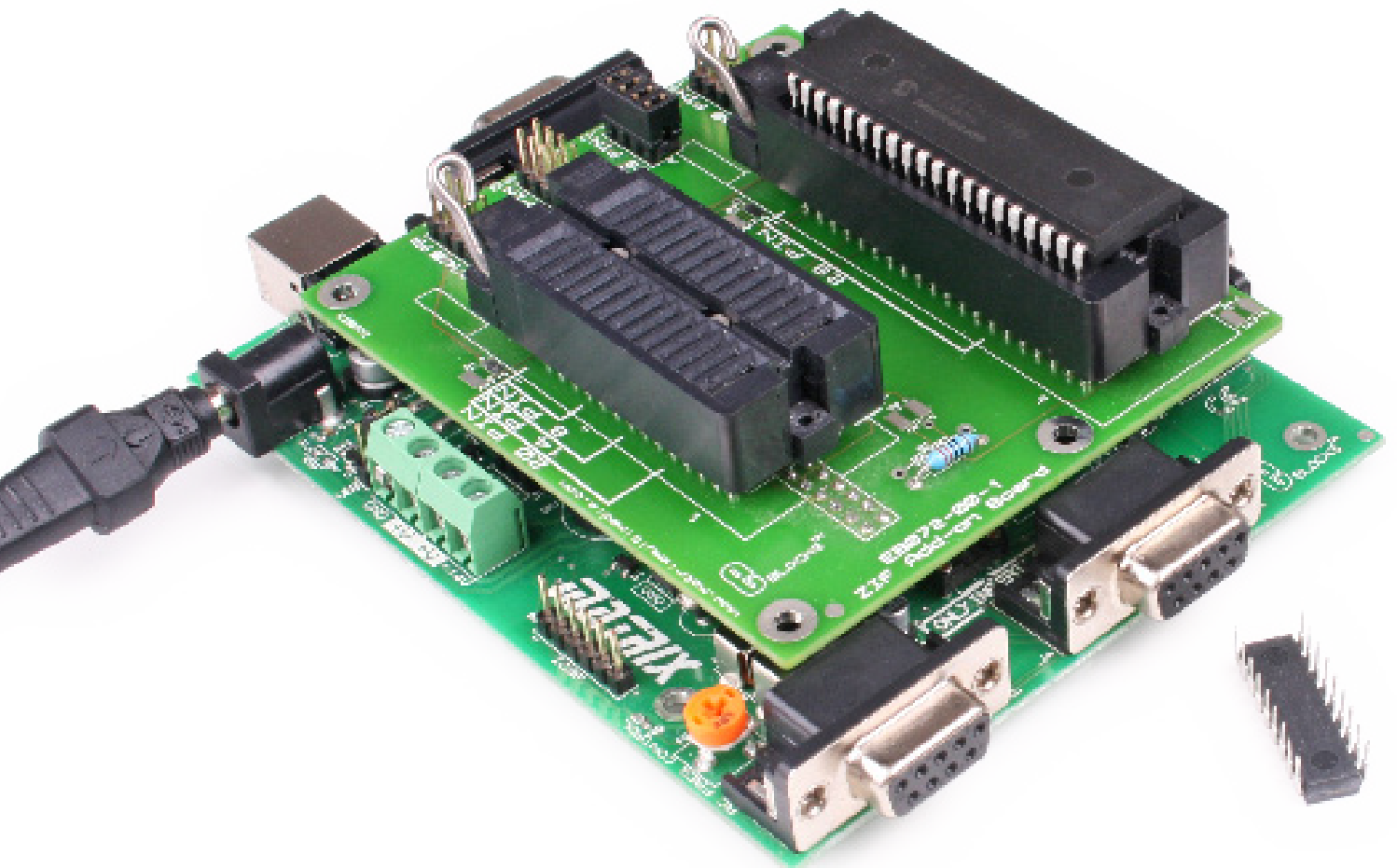
EBLOCKS[®]

ZIF add-on board



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About this document

This document concerns the EB072 ZIF add-on board.

1. Trademarks and copyright

PIC and PICmicro are registered trademarks of Arizona Microchip Inc. E-blocks is a trademark of Matrix Technology Solutions Ltd.

2. Disclaimer

The information provided within this document is correct at the time of going to press. Matrix TSL reserves the right to change specifications from time to time.

3. Testing this product

It is advisable to test the product upon receiving it to ensure it works correctly. Matrix provides test procedures

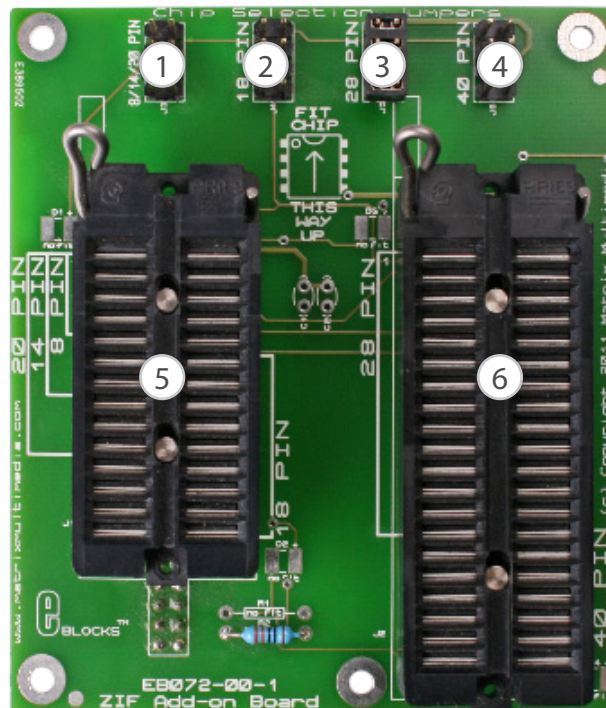
for all E-blocks, which can be found in the Support section of the website.

4. Product support

If you require support for this product then please visit the Matrix website, which contains many learning resources for the E-blocks series. On our website you will find:

- How to get started with E-blocks - if you are new to E-blocks and wish to learn how to use them from the beginning there are resources available to help.
- Relevant software and hardware that allow you to use your E-blocks product better.
- Example files and programs.
- Ways to get technical support for your product, either via the forums or by contacting us directly.

Board layout



1. Chip selection jumper (8/14/20 pin)
2. Chip selection jumper (18 pin)
3. Chip selection jumper (18 pin)

4. Chip selection jumper (40 pin)
5. ZIF socket (8/14/18/20 pin)
6. ZIF socket (28/40 pin)

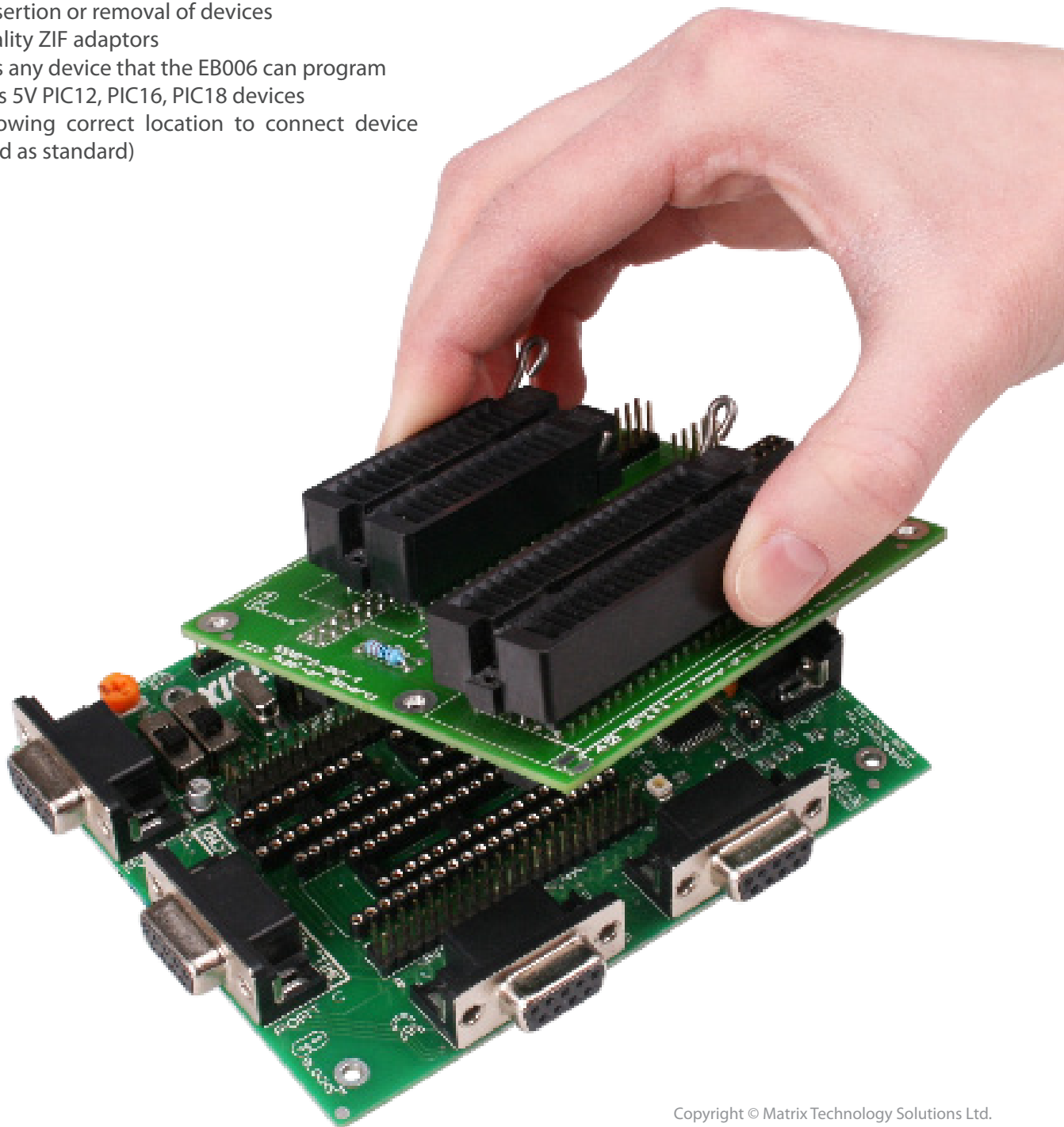
General information

The board plugs onto the EB006 PIC multiprogrammer board and allows DIL PIC devices to be programmed or reprogrammed. The ZIF sockets allow chips to be programmed in batches without having to manually bend the IC legs and insert them into the turned pin sockets on the EB006.

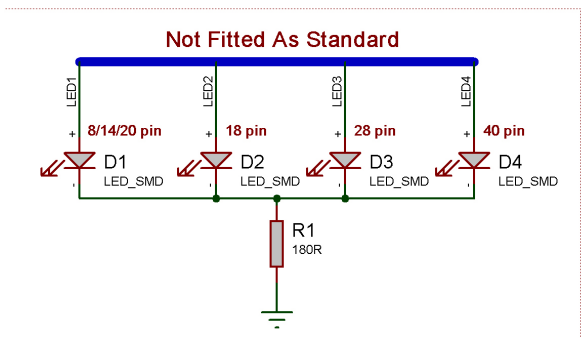
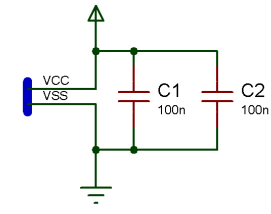
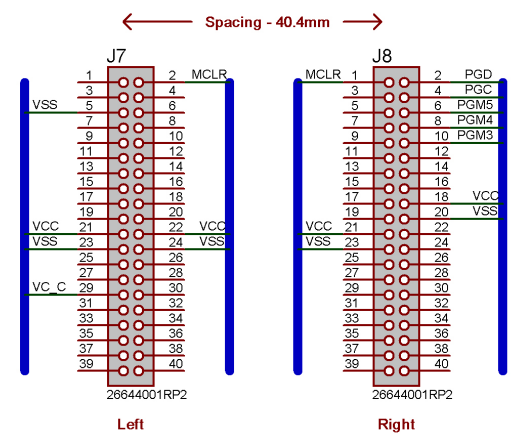
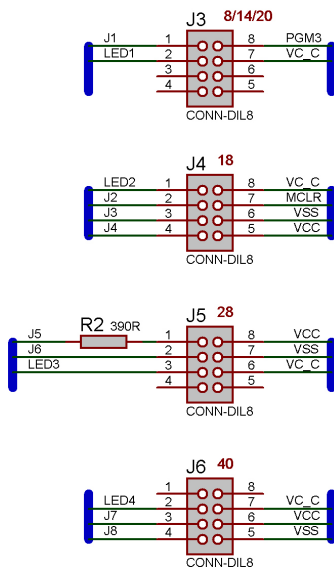
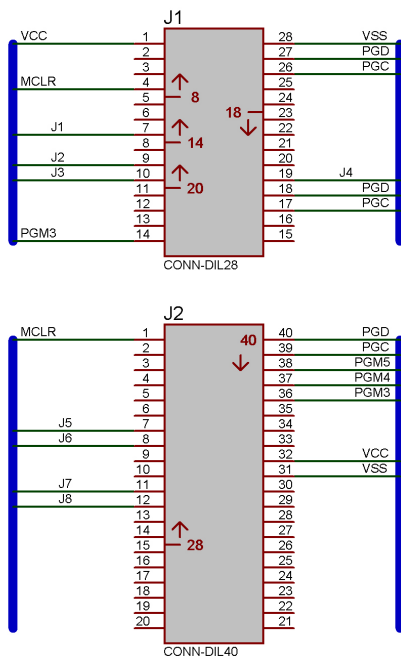
Note that this board is designed only for programming 5V, 8-bit PIC chips, the clock and port connections are not routed through from the EB006 to the ZIF board so you cannot run your application from here.

1. Features

- Quick insertion or removal of devices
- High quality ZIF adaptors
- Supports any device that the EB006 can program
- Programs 5V PIC12, PIC16, PIC18 devices
- LEDs showing correct location to connect device (not fitted as standard)



Circuit diagram



- L1 → FEET
- B1 → FEET
- F4 → FEET
- F1 → FEET
- F2 → FEET
- F3 → FEET



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