

MDP Prototype Board

Originally by: Mike Morley, Cambridge University Department of Physics
Revised by: Anthony Green (ajg72) - CUED

16th January 2006

1 Features

1. Stackable I2C-based expansion system.
2. Uses robust DB9 plugs.
3. PCF8574 I2C driver.
4. I2C available on board.
5. 5V, 12V, +15V, -15V power rails.
6. Double-sided PCB designed for easy assembly.
7. No need for plated through holes in the PCB.

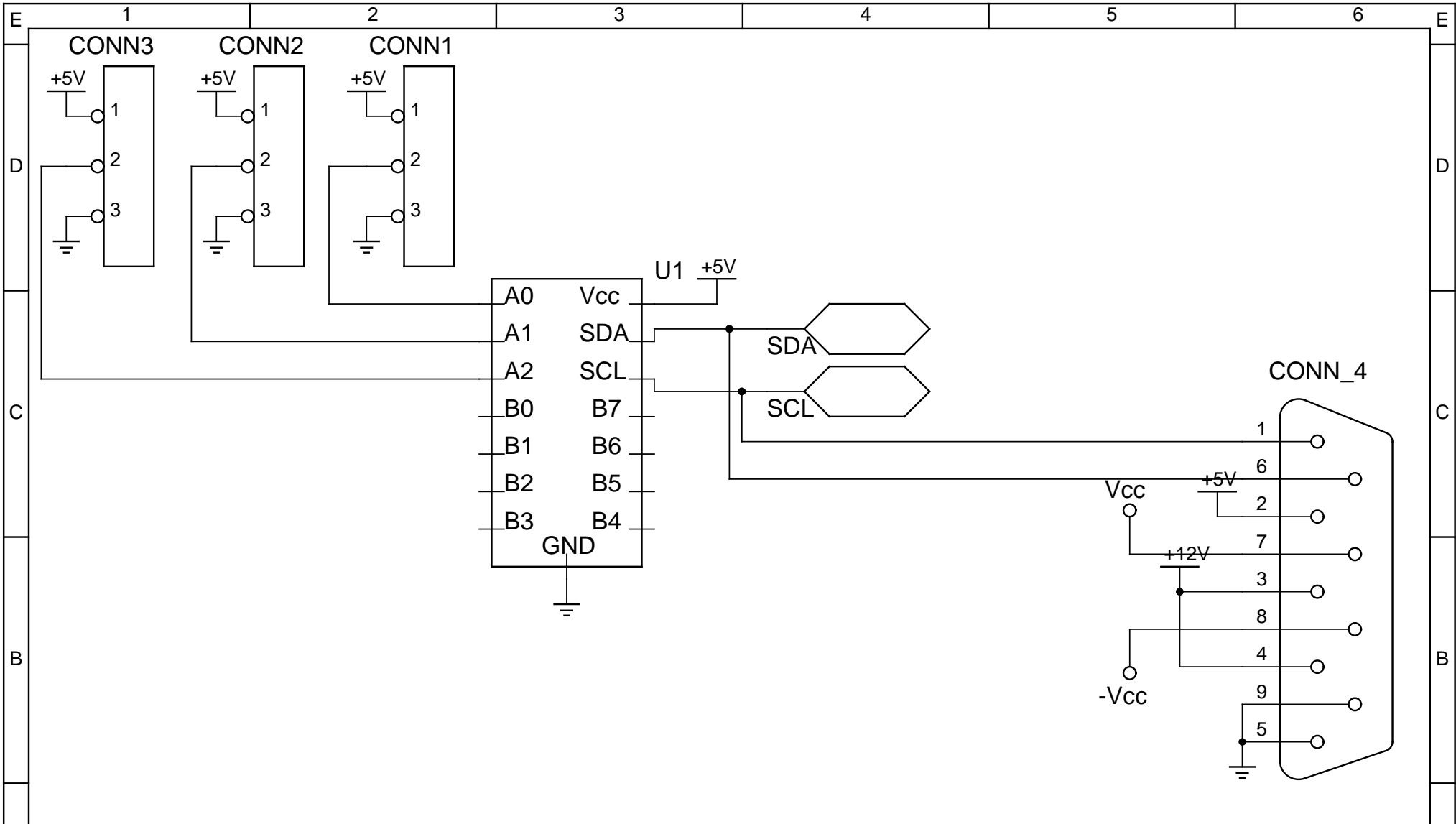
2 Description

This board is designed as a prototyping board for I2C based projects. It forms part of the stackable system. Jumpers allow for address selection of the on-board PCF8574 I2C driver IC.

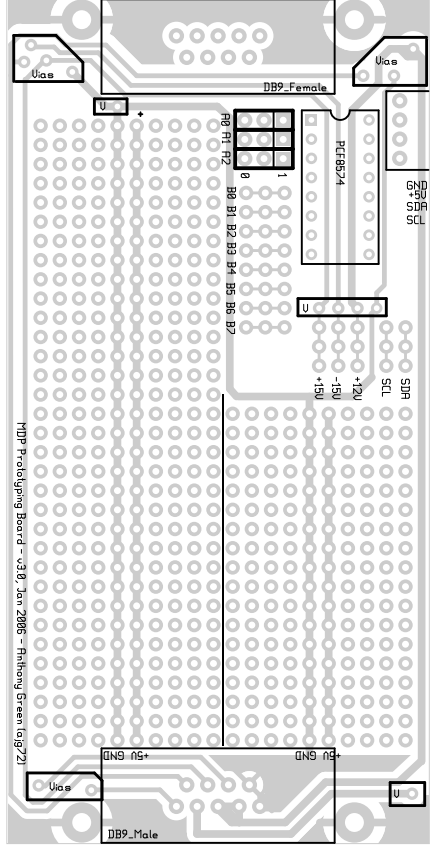
3 Attachments

The following pages are attached:

1. Circuit schematic
2. Assembly drawing
3. Mirrored component side artwork
4. Non-mirrored solder side artwork



MDP			
Prototype Board			
TITLE			
DATE	23 August 2005	REVISION:	1.1
PAGE	1 OF 1	DRAWN BY:	Mike Morley (mjm80)



NDP Prototyping Board - 3.0, Jan 2006 - Anthony Green (ag72)

