

This is revision A of the [PIC Serial Adaptor Board Plug8 Plug](#) and it is currently a [work in progress](#).

# EMDP1 PIC Serial Adaptor Plug8 Plug (Rev. A)

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## Introduction

There is a [PDF version](#) of this file.

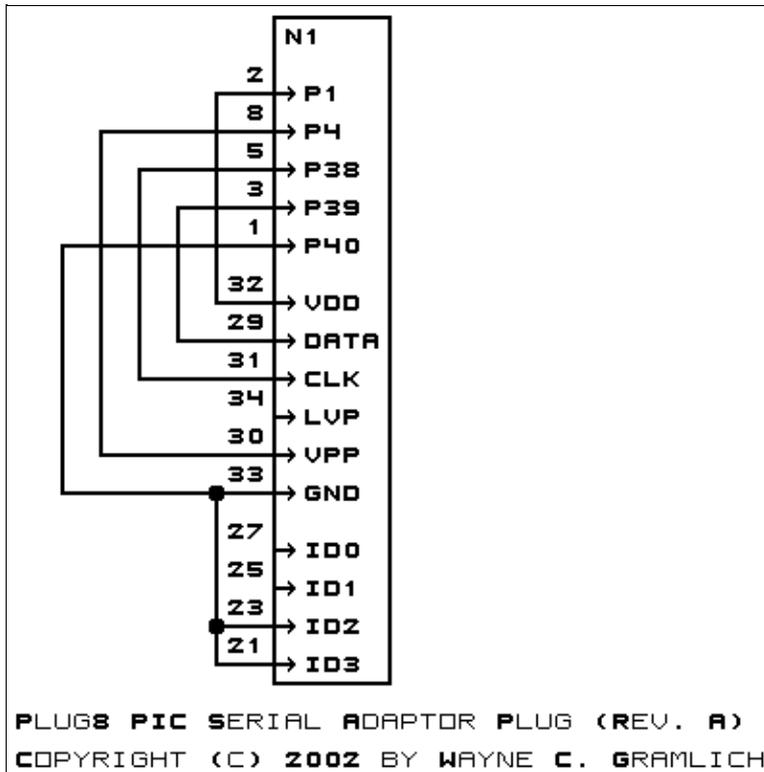
The PIC Serial Plug 8 is used to program 8-pin and 14-pin PIC's. This includes the PIC12C5xx, PIC12C67x, and PIC16C505.

The plug id for this plug is 0011 (= 3 decimal.)

Proc.	Class	Pkg.	Clk.	Data	V <sub>pp</sub>	V <sub>dd</sub> (+5V)	V <sub>ss</sub> (Gnd)	LVP
Class B	B	8/14	38	39	4	1	40	–
12C5xx,12C67x	B	8	6 (38)	7 (39)	4	1	8 (40)	–

## Schematic

The schematic for the PIC Serial Adaptor is shown below:



The [parts list](#) is in a separate file.

## Printed Circuit Board

The following files are available for the printed circuit board:

[plug8\\_artwork.png](#)

The Plug8 artwork (silk screen) layer.

[plug8\\_back.png](#)

The Plug8 back (component) layer.

[plug8\\_front.png](#)

The Plug8 front (solder) layer.

[plug8.gal](#)

The Plug8 RS274X `Gerber' file for the plug8 plug artwork (silk screen) layer.

[plug8.gbl](#)

The Plug8 RS274X `Gerber' file for the plug8 plug back (component) layer.

[plug8.gtl](#)

The Plug8 RS274X `Gerber' file for the plug8 plug front (solder) layer.

[plug8.gml](#)

The Plug8 RS274X `Gerber' file for the plug8 plug solder mask layer.

[plug8.drl](#)

The Plug8 `Excellon' drill file for the plug8 plug board.

[plug8.tol](#)

The Plug8 drill file rack for the plug8 plug board.

[plug8.ptl](#)

The Plug8 parts list (bill of materials).

Please note, for PIC serial plugs, the 2×17 male header goes on the back, and the soldering occurs on the front; this is opposite of what usually occurs.

## Issues

Any fabrication issues will be listed here.

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