

This is revision A of the [PIC18 Plug](#) and it is currently a [work in progress](#).

EMDP1 PIC18 Plug (Rev. A)

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Introduction

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

The PIC18 plug is used to program PIC microcontrollers that are in an 18–pin package. This includes the PIC16F84 and the PIC16F628.

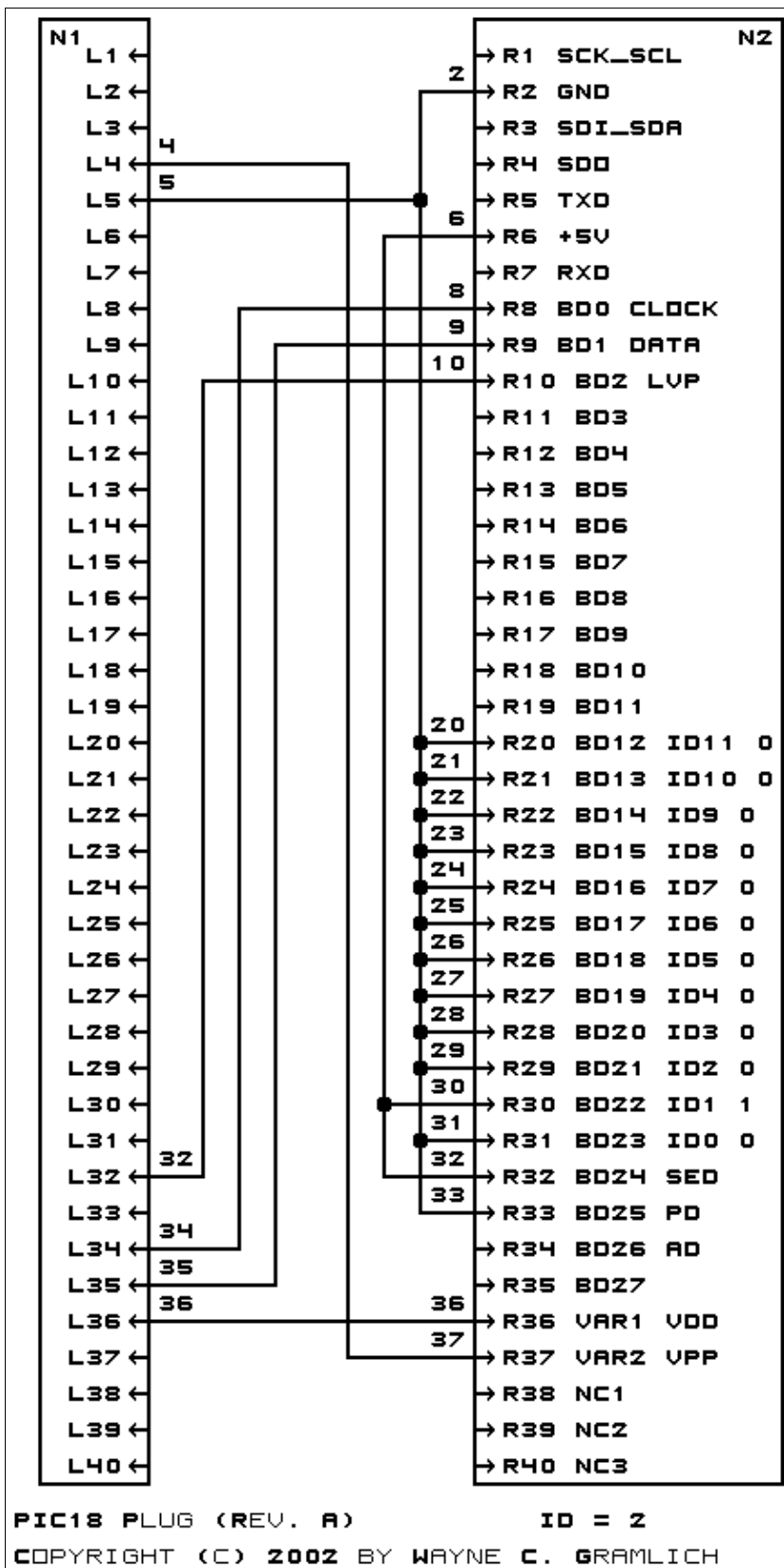
The plug identifier is 0000 0000 0001.

Proc.	Pkg.	Clk.	Data	V _{pp}	V _{dd} (+5V)	V _{ss} (Gnd)	LVP
16C6x/7x/9x, 16C715, 16C84, 16F8x, 16C55x	18	12 (34)	13 (35)	4	14 (36)	5	–
16F62x	18	12 (34)	13 (35)	4	14 (36)	5	10 (32)
Summary	40	34	35	4	36	5	32

Schematics

The schematic for the PIC Serial Adaptor is shown below:

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

Printed Circuit Board

The following files are available for the printed circuit board:

[pic18_artwork.png](#)

The PIC18 artwork (silk screen) layer.

[pic18_back.png](#)

The PIC18 back (component) layer.

[pic18_front.png](#)

The PIC18 front (solder) layer.

[pic18.gal](#)

The PIC18 RS274X `Gerber' file for the pic18 plug artwork (silk screen) layer.

[pic18.gbl](#)

The PIC18 RS274X `Gerber' file for the pic18 plug back (component) layer.

[pic18.gtl](#)

The PIC18 RS274X `Gerber' file for the pic18 plug front (solder) layer.

[pic18.gml](#)

The PIC18 RS274X `Gerber' file for the pic18 plug solder mask layer.

[pic18.drl](#)

The PIC18 `Excellon' drill file for the pic18 plug board.

[pic18.tol](#)

The PIC18 drill file rack for the pic18 plug board.

[pic18.ptl](#)

The PIC18 parts list (bill of materials).

Please note that the two 2×20 headers are installed on the non–silk screen side of the board.

Issues

Any fabrication issues will be listed here.

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