This is the Revision A verion of the <u>Multiplex8 Module</u>. The status of this project is that it has been <u>replaced</u> by the <u>PIC876Hub10 Module</u>.

Multiplex8 Module (Revision A)

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1. Introduction

This module is used to multiplex the UART on a master module amongst 8 slave modules.

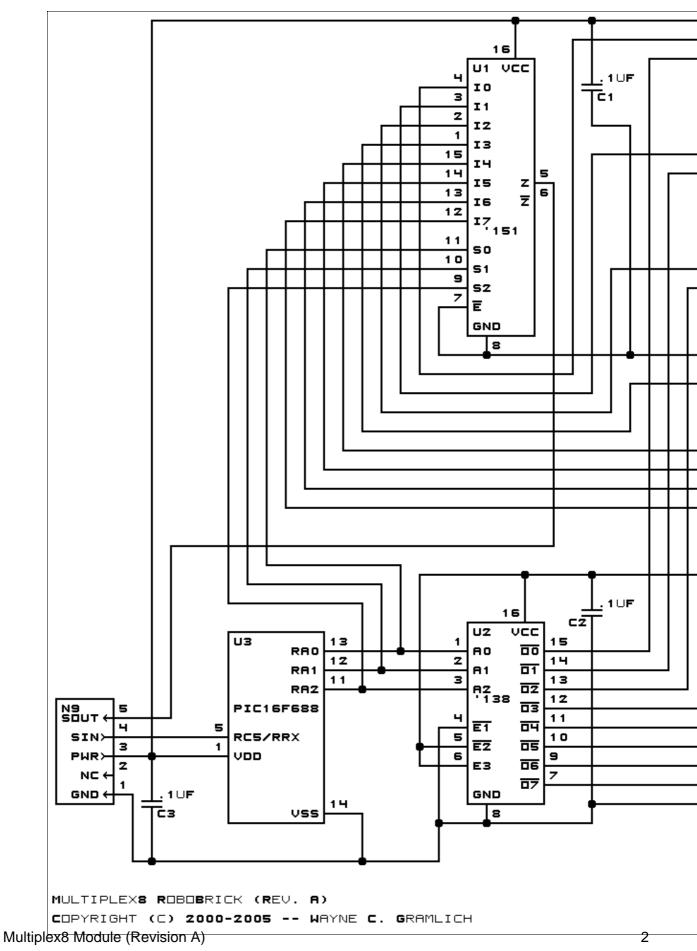
2. Hardware

The hardware consists of a circuit schematics and a printed circuit board.

2.1 Circuit Schematic

The schematic for the Multiplex8 Module is shown below:

Multiplex8 Module (Revision A)



The parts list kept in a separate file -- <u>multiplex8.ptl</u>.

2.2 Printed Circuit Board

multiplex8 back.png The solder side layer. <u>multiplex8_front.png</u> The component side layer. multiplex8 artwork.png The artwork layer. multiplex8.gbl The RS-274X "Gerber" back (solder side) layer. <u>multiplex8.gtl</u> The RS-274X "Gerber" top (component side) layer. <u>multiplex8.gal</u> The RS-274X "Gerber" artwork layer. multiplex8.drl The "Excellon" NC drill file. *multiplex8.tol* The "Excellon" NC drill rack file.

3. Issues

Any construction issues are listed here:

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