

This is the Revision A version of the Multiplex8 Module. The status of this project is that it has been replaced by the PIC876Hub10 Module.

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:

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The parts list kept in a separate file --- [multiplex8.ptl](#).

2.2 Printed Circuit Board

[multiplex8_back.png](#)

The solder side layer.

[multiplex8_front.png](#)

The component side layer.

[multiplex8_artwork.png](#)

The artwork layer.

[multiplex8.gbl](#)

The RS-274X "Gerber" back (solder side) layer.

[multiplex8.gtl](#)

The RS-274X "Gerber" top (component side) layer.

[multiplex8.gal](#)

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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