This is the Revision A version of the ScanBase Module. The status of this project is work in progress.

ScanBase Module (Revision A)

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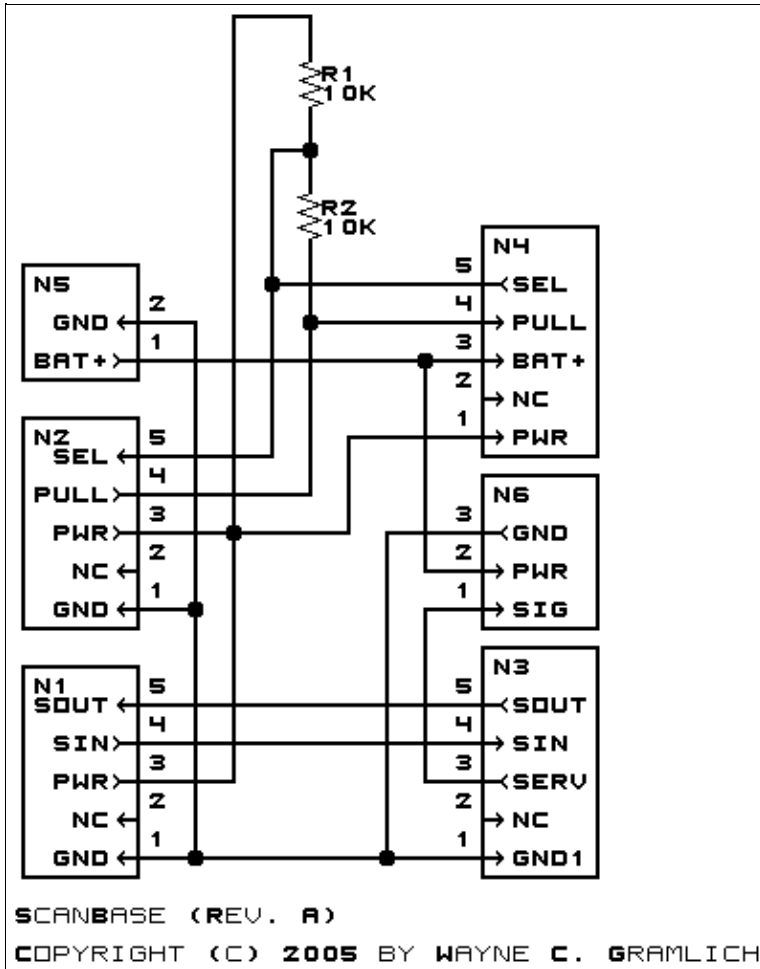This document is also available as a PDF document.

1. Introduction

The ScanBase module provides the electrical connection to the ScanPanel module, which, in turn, provides the electrical connection to the Sense3 module.

2. Hardware

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2.1 Schematic

The schematic is shown below:

The parts list is kept in a separate file.

2.2 Printed Circuit_Board

The printed circuit files are listed below:

scanbase_back.png
> The solder side layer.

scanbase_front.png
> The component side layer.

scanbase_artwork.png
> The artwork layer.

scanbase.gbl
> The RS−274X "Gerber" back (solder side) layer.

scanbase.gtl
> The RS−274X "Gerber" top (component side) layer.

scanbase.gal
> The RS−274X "Gerber" artwork layer.

scanbase.drl
> The "Excellon" NC drill file.

scanbase.tol
> The "Excellon" tool rack file.

3. Issues

Any fabrication issues will be listed here.