

# TMC2070P7C

## Parallel to RBUS Adapter

### Features

- Parallel Input
- RBUS Output
- Fairchild demo board compatibility

### Applications

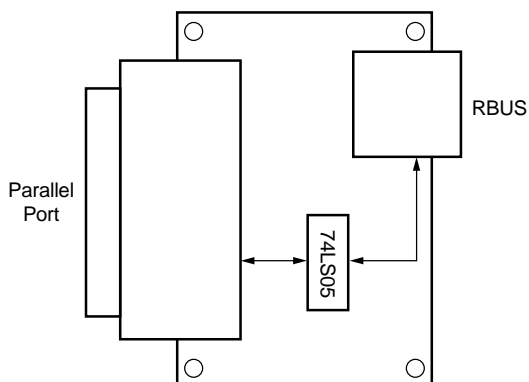
- Evaluation of Fairchild demo boards
- System Breadboarding

### Description

The TMC2070P7C RBUS adapter provides a simple interface between a computer parallel port and RBUS. It can be used with standard I2C drivers or the Fairchild Raydemo software.

This adapter requires a bi-directional parallel port. Power is supplied through the connectors. Be careful when using a parallel cable with this product. Some cables flip pins between the input and output connectors which may cause undesirable results.

### Block Diagram



Preliminary Information

Table 1. TMC2070P7C Parts List

Item	Qty.	Part Name	Reference Designator	Description
1	1	MiniReel: 444-810	C1	10uf 16v
2	1	SN74LS05DN	U1	IC, 74LS05 surface mount
3	1	RS6A103G	RN1	10k ohm 6 pin Sip res.
4	1	AMP: 747842-4	P1	25 pin D Sub connector
5	1	Molex: 444-810	P2	ACCESS bus Plug

Preliminary Information

## Schematic

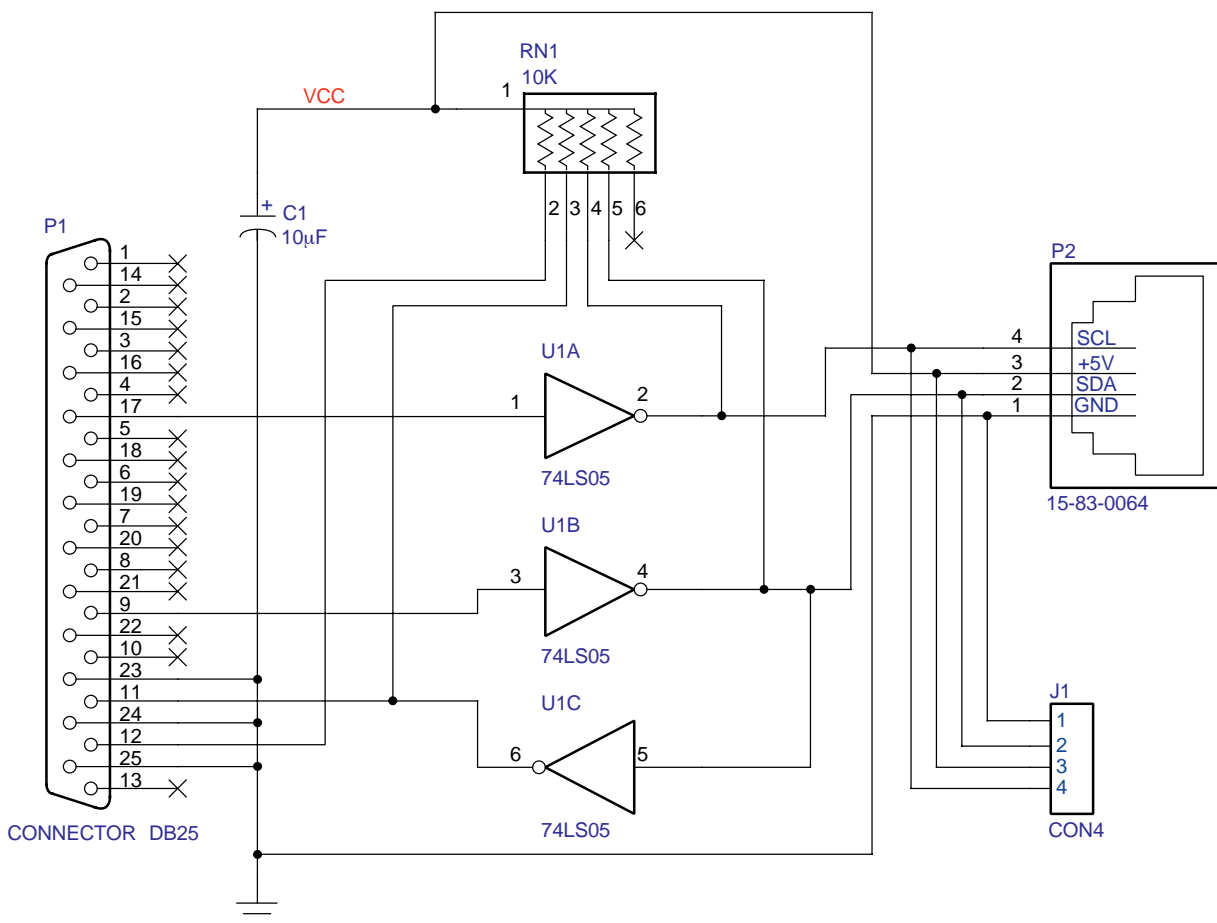


Figure 1. TMC2070P7C

## Related Products

- TMC2068P7C Decoder demonstration board
- Raydemo software

Preliminary Information

Ordering Information

Product Number	Temperature Range	Speed Grade	Screening	Package	Package Marking
TMC2070P7C	25°C	100 KHz	Commercial	1" by 2" Printed Circuit Board	TMC2070P7C

A schematic database is available in OrCAD™ format. Contact the factory.

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