

Pi1541-IEC Rev. 0

Module Description

Description

The Pi1541-IEC serves the Pi1541-HAT (project number 111) as an optional break out board for the IEC connectors. It also contains a barrel connector (5,5/2,5mm) for an alternative power supply connection plus an overvoltage protection. A reset switch for the IEC-bus can be placed. A ribbon cable plus a MicroMatch connector provide the connection to the Pi1541-HAT.

Pinouts

IEC-Bus

J1 and J2 – Lumberg 010599 06, 6p DIN receptables

Pin	Signal
1	/SRQ (not used in this design)
2	GND
3	ATN
4	CLK
5	DATA
6	/RESET

IEC Bus (to Pi1541 HAT)

X1 – 10p Micro Match receptible, female, vertical, through hole, e.g. MPE Garry 369-1-010

Pin	Signal
1	/SRQ (not used in this design)
2	GND
3	ATN
4	CLK
5	DATA
6	/RESET
7	+5V
8	+5V
9	GND
10	GND

+5VDC Power

5,5mm/2,5mm barrel connector

Pin	Signal
Center	+5VDC
Shaft	GND

Prototype Testing

The prototype was tested together with Pi1541-HAT Rev. 1. Please refer to the respective document.