

Pi1541 – Switch Rev. 1

Module description

Description

The Pi1541-Switch is a detachable switch board for the Pi1541 HAT (project number 111). The connector to the Pi1541 HAT is placed on the solder side of the PCB.

Switches

The switches have functions according to the firmware and configuration, which can be found at this website: <https://cbm-pi1541.firebaseio.com/>

The default configuration is:

Switch	Function
SW1 (left)	Select/Reset
SW2	Move Up/Previous Disk
SW3	Move Down/Next Disk
SW4	Exit Folder
SW5 (right)	Insert Disk

LEDs

LED	Color	Function
LD2	Green	Power Indicator
LD1	Red	Busy Indicator

Connector

X3: 8p Micro Match, female, THT (Tyco or alternative)

The ribbon cable can also be soldered in directly.

Pin	Signal
1	/SW1
2	/SW2
3	/SW3
4	/SW4
5	/SW5
6	LED_OUT (LD1)
7	+3V3
8	GND

Measures

Can be found in the board print out

Revision History

Rev. 0: Prototype

Rev. 1: Moved the connector X3 to the solder side