A1
Raspberry PI

U1
7406

A2
I2C LC

J2
C64_IEC

J3
C64_IEC

BZ1
Buzzer

C1
100nF

R1 1k R2 1k

Power section

DC_5V

J1
DC IN

C6
470uF

Buttons
These are only installed when used without the panel.

POWER
D3
330 R6
RPI_PWR

DRIVE
D2
330 R7
RPI_LED

SW1 — ENTER — SW1_ENTER
SW2 — UP — SW2_UP
SW3 — DOWN — SW3_DOWN
SW4 — EXIT — SW4_BACK
SW5 — ADD — SW5_INSERT

OLED display and faceplate connector

OLED displays have unfortunately been produced with varying pinouts, we therefore need to add solder bridges to specify what the pins should be connected to. The panel has its own set of jumpers and OLED, so the components here are duplicates in case you want to build a reduced component build.

J8
Module_Panel

GND	1	
LED_PWR	2	LED_PWR
LED_ACT	3	LED_ACT
SCL	4	I2C_SCL
SDA	5	I2C_SDA
ENTER	6	SW1_ENTER
UP	7	SW2_UP
DOWN	8	SW3_DOWN
BACK	9	SW4_BACK
INSERT	10	SW5_INSERT
GND	11	
VCC	12	

It's a PI1541, and it's the third one I've made for almost no reason beyond wanting to build another one.