J7
ADC

1	2 VBUS
3	4 ADC2
5	6 ADC1
7	8 ADC0

AGND

GND

U1
Pico

Raspberry Pi Pico

BTN_RESET 1 GPIO0 — VBUS 40 VBUS
BTN_OSD 2 GPIO1 — VSYS 39
3 GND — GND 38
BTN_USER 4 GPIO2 — 3V3_EN 37
BTN1 5 GPIO3 — 3V3 36
SDA 6 GPIO4 — ADC_VREF 35
SCL 7 GPIO5 — GPIO28_ADC2 34 ADC2
8 GND — AGND 33 AGND
PWMOUT1 9 GPIO6 — GPIO27_ADC1 32 ADC1
BTN2 10 GPIO7 — GPIO26_ADC0 31 ADC0
BTN3 11 GPIO8 — RUN 30
PWMIN1 12 GPIO9 — GPIO22 29 OUT2
13 GND — 28
PWMOUT2 14 GPIO10 — GPIO21 27 LED_PWR
BTN4 15 GPIO11 — GPIO20 26 OUT1
PWMOUT3 16 GPIO12 — GPIO19 25 LED_DISK
BTN5 17 GPIO13 — GPIO18 24 RELAY2
18 GND — GND 23
PWMOUT4 19 GPIO14 — GPIO17 22 LED_USER
20 GPIO15 — GPIO16 21 RELAY1

SWCLK 41 GND 42 SWDIO 43

SWCLK SWDIO

GND

J5
MiSTerLED

1	2
3	4 LED_USER
5	6 LED_DISK
7	LED_PWR

GND

J6
MiSTerSwitch

1	2
3	BTN_RESET
4	BTN_OSD
5	BTN_USER

GND

J4
Relay

1	2 RELAY1
3	RELAY2
4	VBUS

GND

J8
IO

1	2 PWMIN1
3	4 OUT1
5	6 PWMOUT1
7	8 PWMOUT2
9	10 PWMOUT3
11	12 PWMOUT4

GND

J9
SWD

1	SWCLK
2	GND
3	SWDIO

GND

R4 47
R8 47
J2
ToPi

PCM_DOUT
PCM_CLK
R6 47
PCM_FS
R9

1	2
3	4 SWCLK
5	6 SWDIO
7	8
9	10

GND
GND

R5 47
R9 47
J3
ToMiSTer

PCM_DOUT
PCM_CLK
R7 47
PCM_FS

1	2
3	4 RXD
SCL 5	6 SDA
TXD 7	8
9	10

GND

J1
PWRIN

1	2
3	GND
4	PWR

GND

J10
VBUS

1	2 VBUS

GND

R1 100
R2 100
P1

SCL
SDA
R3 100

1	2 PWR
3	4
5	6
BTN5 7	8 TXD
9	10 RXD
BTN1 11	12 PCM_CLK
BTN2 13	14
BTN3 15	16 BTN4
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
PCM_FS 35	36
37	38
39	40 PCM_DOUT

GND GND

DNI — do not install (future/optional feature)

Title **MT32-pi**

Size: A4   Number 1   Revision 2.1
Date: *   Time: *   Sheet 1 of 1
File: *

=organization
=address1
=address2
=address3
=address4