USBC-CONNECTOR

A4 VBUS1	VBUS3 B4
A9 VBUS2	VBUS4 B9
A2 TX1+	RX1+ B11
A3 TX1-	RX1- B10
A5 CC1	SBU2 B8
A6 D+1	D-2 B7
A7 D-1	D+2 B6
A8 SBU1	CC2 B5
A10 RX2-	TX2- B3
A11 RX2+	TX2+ B2
A1 GND1	SHIELD1 SH1
A12 GND2	SHIELD2 SH2
B12 GND4	SHIELD3 SH3
B1 GND3	SHIELD4 SH4

R1 10K
R2 10K

5V
12V
3.3V
GND

FAN1
1 2 3 4

FAN2
1 2 3 4

FAN3
1 2 3 4

R3 1K
R4 1K
R5 1K

TEMP
1 2 3
J1

ATX-ACC-PWR
4 3 2 1
X1
12V 5V

RASPBERRYPI-40-PIN

2	5V	SDA	3
4	5V	SCL	5
1	3.3V		
17	3.3V	TXO	8
		RXI	10
29	GP5		
31	GP6	SCLK	23
32	GP12	MISO	21
33	GP13	MOSI	19
36	GP16	CE0	24
35	GP19	CE1	26
38	GP20		
40	GP21	GP4	7
37	GP26	GP17	11
	GP18#		12
6	GND	GP22	15
9	GND	GP23	16
14	GND	GP24	18
20	GND	GP25	22
25	GND	GP27	13
30	GND		
34	GND	ID_SD	27
39	GND	ID_SC	28

3.3V
10K R8
Q2 2N3904
1K R9
R6 1K
Q1 2N3904
1K R7
GND

ATX_PS
1 2 3
J2

TITLE: pyBMC Schematic v0

Design by:
Bruno Kraychete da Costa

REV: v0

Date: 8/15/2022 11:04 AM

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