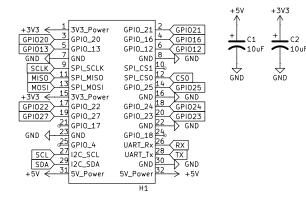
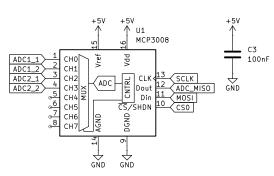
## **Edgeberry Connector**

Connector for Edgeberry's expansion slot

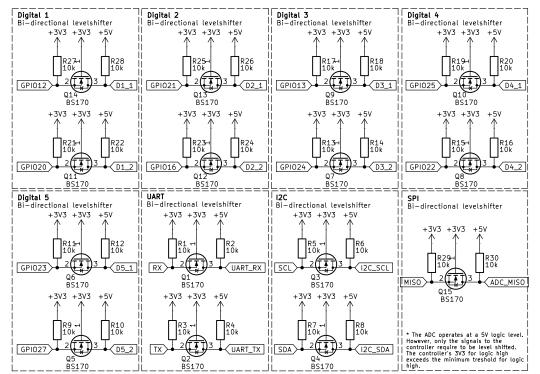


### **Analog Inputs**

Through the MCP3008 Analog/Digital converter, the Raspberry Pi is equiped with analog inputs via SPI



### Levelshifters



#### Board-to-board

Connection to the PCB on the back of the Cartridge, holding the connectors

	H2
GND <	1
+5٧ ₹	2_
UART_TX	> 3 =
I2C_SDA	5 5
UART_RX	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
I2C_SCL	6 7
ADC2_2	\
GND	8
ADC2_1	> 9 -
GND	10
GND <	11
GND	12
GND	13
GND	14
GND	15
GND	16
ADC1_2	17 18 19
D5_2	<u> 18</u>
	19_
ADC1_1 D5_1	20
GND <	<u> 21 _</u>
GND	22
GND	23
GND	24
D3_2	25
D4_2	26
D3_1	27
D4 1	<pre>28 ]</pre>
D1_2	29
D2_2	30
D2_2 D1_1	31
D1_1 D2 1	32
D2_1	<del>_</del>

# **EDGEBERRY CARTRIDGE**

Edge Explorer Rev. 1.1, early 2025

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Sheet: /

File: Edgeberry\_Explorer\_Cartridge.kicad\_sch

Title:

 Size: A4
 Date:
 Rev:

 KiCad E.D.A. 8.0.9
 Id: 1/1

