

Every hole, what its GPIO can do, and the six that are wired to nothing.

3.3 V logic

38 holes, as printed on the top

The diagram illustrates the 'lonely binary' Gold Edition development board, a single-board computer. The board is black with gold-plated pins. It features a large grey microcontroller chip in the center, labeled 'lonely binary GOLD EDITION'. Various components are visible, including a USB Type-C port at the bottom, a USB Type-A port on the right, and several push buttons. The board is populated with numerous surface-mount components, including resistors, capacitors, and integrated circuits. The diagram shows the pin connections for the board, with labels for each pin and its function. The pins are numbered 1 to 23 on the right side and 1 to 36 on the left side. The board is shown from a top-down perspective, with the components and pins clearly visible.

Pin	Label	Pin	Label
36	ADC1·0 input only	23	MOSI
39	ADC1·3 input only	22	SCL
34	ADC1·6 input only	TX	GPI01
35	ADC1·7 input only	RX	GPI03
32	T9 ADC1·4	21	SDA
33	T8 ADC1·5	19	GND
25	DAC1 ADC2·8	18	MISO
26	DAC2 ADC2·9	5	SCK
27	T7 ADC2·7	17	strap SS
14	T6 ADC2·6	16	TX2
12	T5 ADC2·5 strap	4	RX2
13	T4 ADC2·4	0	ADC2·0 T0
9	not connected	2	BOOT strap ADC2·1 T1
10	not connected	15	RGB LED strap ADC2·2 T2
11	not connected	8	strap ADC2·3 T3
5V	5 V	7	not connected
		6	not connected

SDA Arduino's default bus pin, movable

Free, with nothing to know

Arduino's default buses

Defaults for the IDE's board setting, not wiring: every one of them can be moved to another free pin in the sketch.

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