



Rubik Bit-1 IO tabel

pin name	function	device
I00	(Strapping)	
U0TXD/I01	UART0_RXD	CH552T – RXD
I02	(Strapping)	
U0RXD/I03	UART0_TXD	CH552T – TXD
I04		
I05	GPIO(Strapping)	RGB_LED*8 – DIN
CLK/I06		
SD0/I07		
SD1/I08		
SD2/I09		
SD3/I010		
CMD/I011		
MTDI/I012	(Strapping)	
MTCK/I013		
MTMS/I014		
MTDO/I015	(Strapping)	
I019	GPIO	LED
I020		
I021	I2C0_SDA	MPU9250 – SDA
I022	I2C0_SCL	MPU9250 – SCL
I025	GPIO	Buzzer
I026		
I027		
32K_XP/I032		
32K_XN/I033		
VDET_1/I34	(input only)	
VDET_2/I35	(input only)	
SENSOR_VP/I36	(input only)	
SENSOR_CAPP/I37	(input only)	
SENSOR_CAPN/I38	(input only)	
SENSOR_VN/I39	GPIO(input only)	MPU9250 – INT

Green means that the pin leads to the extern

(Strapping)See ESP32 data sheet for details

(input only)IO Unable to set to output mode

device	
device	type
MCU	ESP32-PICO-V3-02
USB-UART	CH552T
Gyroscope	MPU9250
RGB_LED	SK6812
I ² C device address	
I ² C device	addr
MPU9250	0X68