



XKC-KL200-PUB

1 .D. 7pMR Ø
1

UART

NPN

:

,

;

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

2

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

⊗ ' |

5 2 " |
DC 5~24V

5

\

2000mm

1. 10mm~2000mm
2. 3 LED 1s/1s
3. 3 LED
4. 10-2000mm) (50ms/50ms)2
- 5.
6. 3 ...
7. 10

0	2400
1	4800
2	9600
3	14400
4	19200
5	38400
6	56000
7	57600
8	115200
9	128000

1	XKC-KL200-UART	
2	XKC-KL200-NPN	NPN
3	XKC-KL200-V	

MCU

NPN NPN
VCC 0V 0V NPN
300mA
UART XKC-KL200-V UART UART

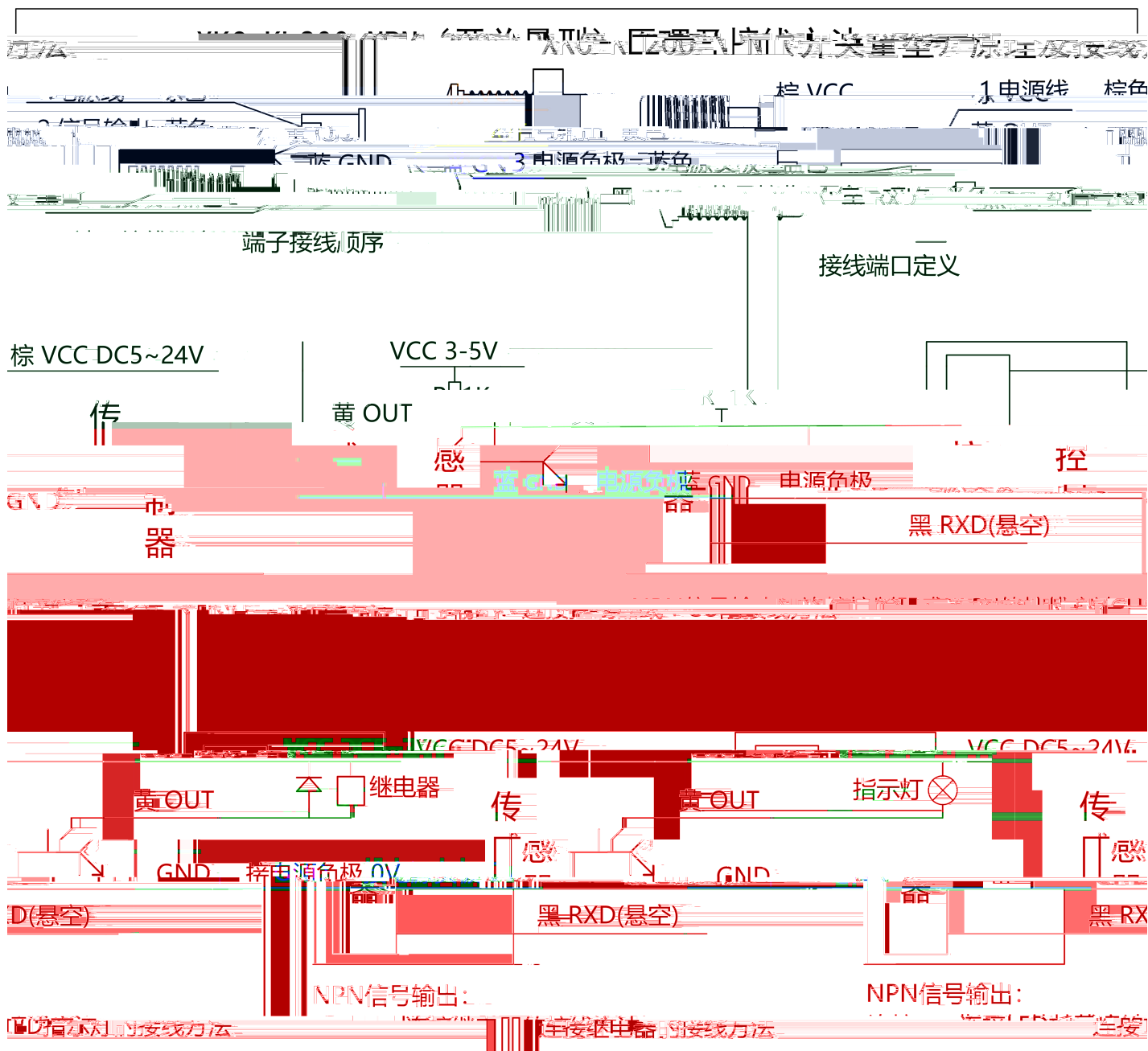
UART

	2=9600bps	0-9,2400bps-128000bps()
	0	0-65534(65535)
	100	10-2000 10-2000mm
	1=	0= 1=
	10	1-100 100ms-10s
LED	0=	0= 1= 2=
	3=	
	0=	0= 1=
	0=	0= 1=UART

LED

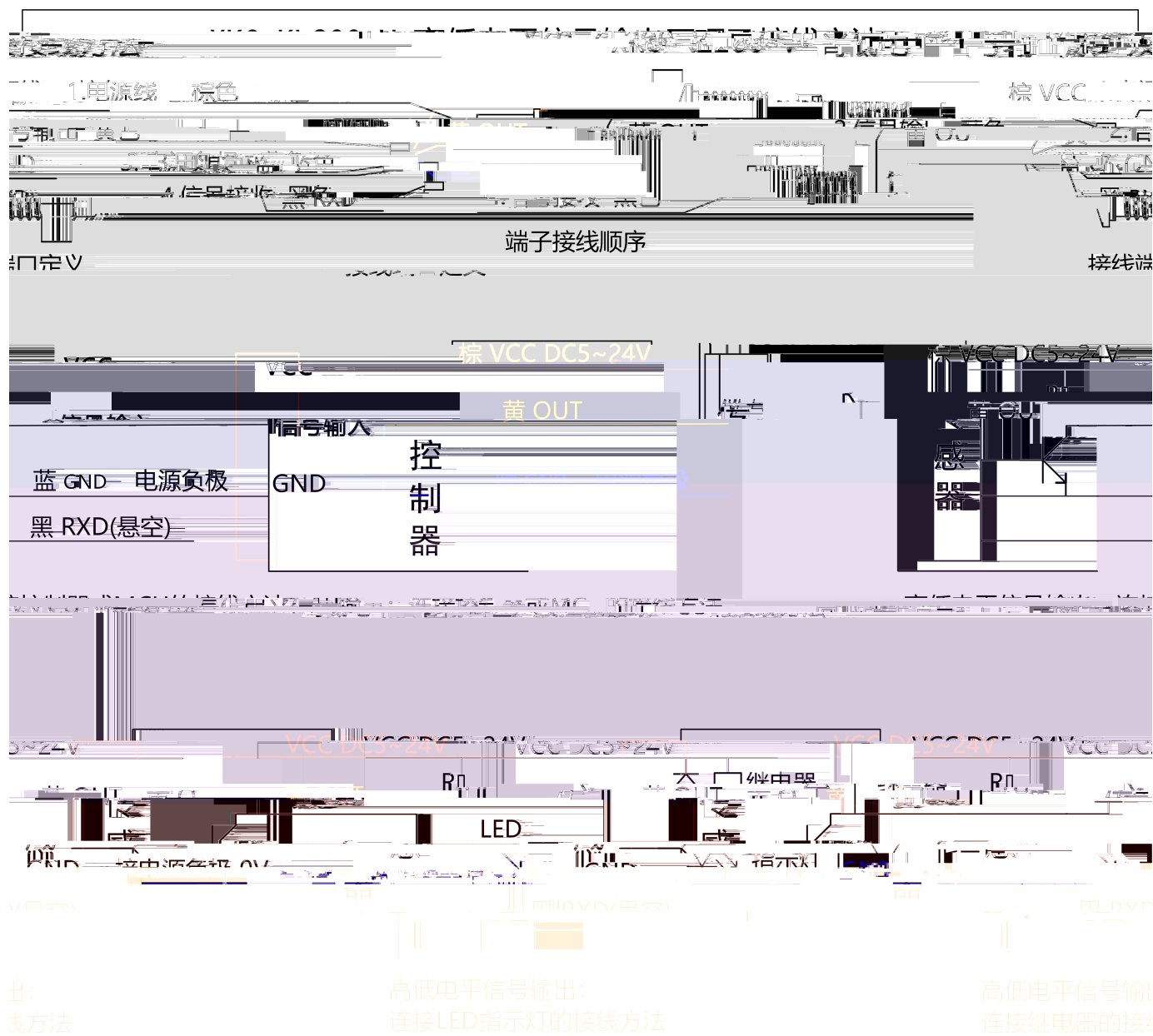
	LED	(on/off)
		50ms/50ms
		10ms/2S
		1S/1S
		50ms/50ms

1.NPN



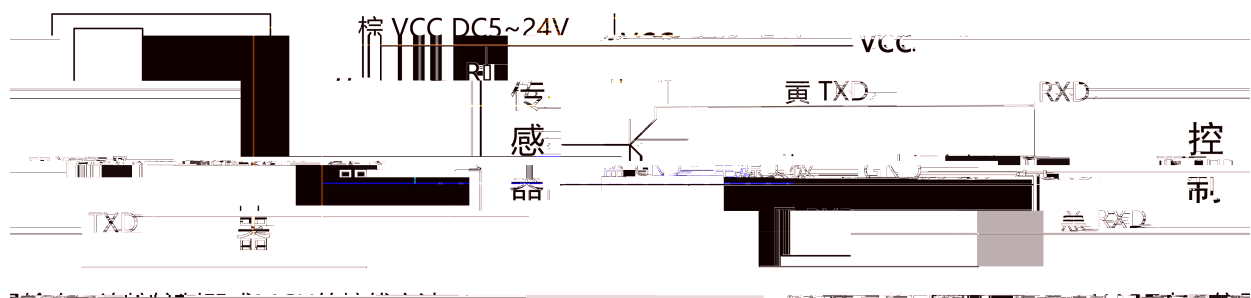
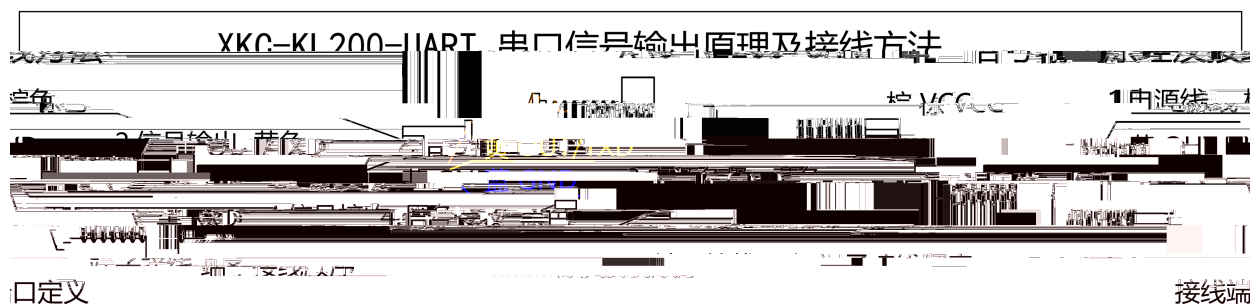
NPN (≤300mA)

2.

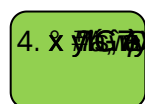
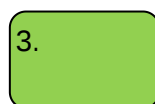
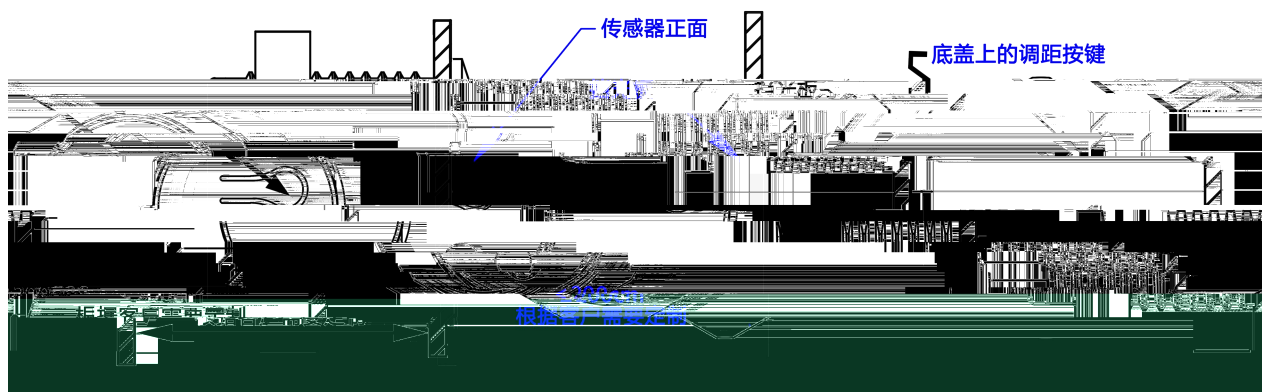


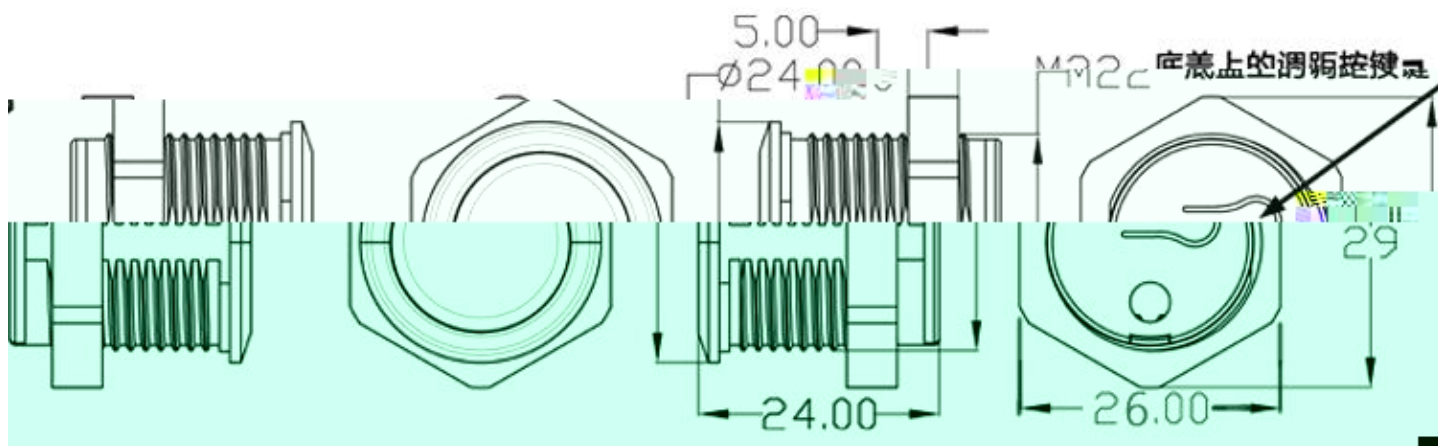
($\leq 300\text{mA}$)

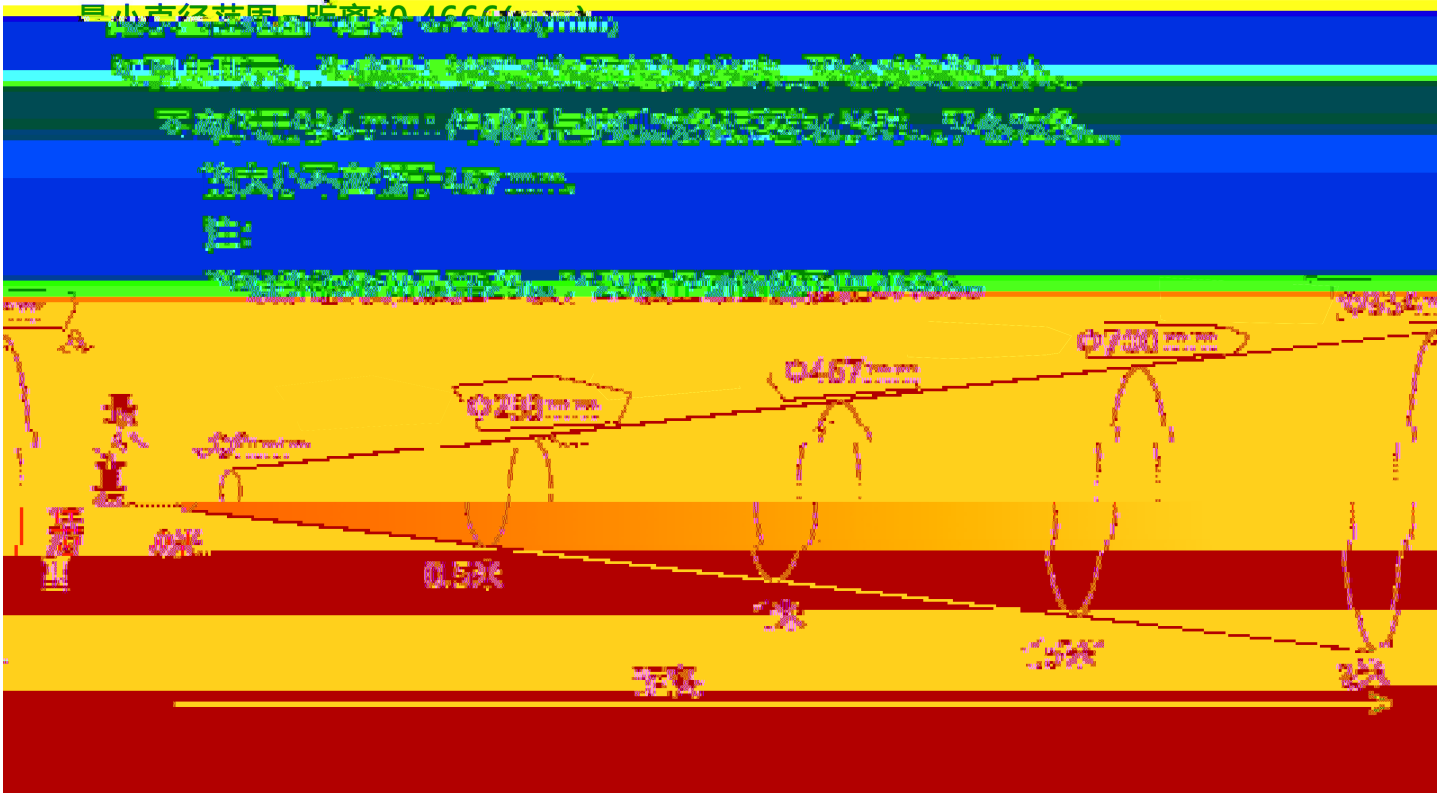
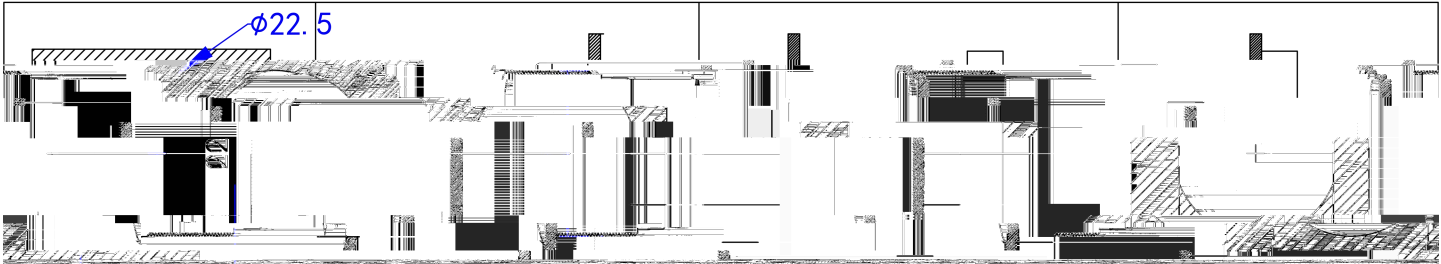
3.UART



1. 200cm 10~200cm 80cm * 80cm
- 2.
- 3.
4. 1~2 10







1.1	uart		
	VCC	GND)	RXD)
	XKC-KL200-V		UART
1.	5~24V		
2.	MCU	OUTPUT	1K
1.2			
	9600		
	8		

1

1.3

	1	2	3	4	5	6	7	8	9
	(B2)								(XOR8)
	62	32	09	FF	FF	00	01	00	XOR
ACK	62	32	09	00	00	00	00	66	XOR
(Hex)ACK	01	02	03	04		05	6~27	28	29
	62	31	1D	00		00	22	66	XOR
()									
1.ASCII									
b9									
b0									
b1									
b2 485									
b3									
b4									
b5									
b7 LED									
b8									
a0									
a1									
2. :									
3. :0x0000-0xfffe									
4. :									
:22 ()									
5. : 0x00, 0x66									
6. :8									

1.4

	1	2	3	4	5	6	7	8	9
	(B9)								(XOR8)

8 = 115200bps	
9 = 128000bps	
9600bps	

	1	2	3	4	5	6	7	8	9
	(B4)								(XOR8)
	62	34	09	FF	FF	00	01	00	XOR
	62	34	09	00	00	00	00	66	XOR
0									
1									

	1	2	3	4	5	6	7	8	9
	(B5)								(XOR8)
	62	35	09	FF	FF	00	01	00	XOR
	62	35	09	00	00	00	00	66	XOR
1-100	100ms-10s								
	100ms								

LED									
	1	2	3	4	5	6	7	8	9
	(B7)								(XOR8)
	62	37	09	FF	FF	00	01	00	XOR
	62	37	09	00	00	00	00	66	XOR

0 =	
1 =	
2 =	
3 =	
LED	(1 =)

	1	2	3	4	5	6	7	8	9
	(B8)								(XOR8)
	62	38	09	FF	FF	00	01	00	XOR
	62	38	09	00	00	00	00	66	XOR
0 =									
1 =									
									(1 =)

	1	2	3	4	5	6	7	8	9
	(a0)								(XOR8)
	61	30	09	FF	FF	00	01	00	XOR
	62	30	09	00	00	00	00	66	XOR
0 =									
1 = UART									
									(1 = UART)

	1	2	3	4	5	6	7	8	9
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(XOR8)

XOR

XOR

$$\begin{array}{l} 0 = \\ 1 = \\ 2 = \end{array}$$
$$(1 =)$$

(XOR8)

XOR

0= 1=UART



	LED	
		1A
		LED

),
()

/ : , 12 DOA ,
7
()
1. ()
2. ,
3.
4.

,
5. /

(

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V10	2023-03-28