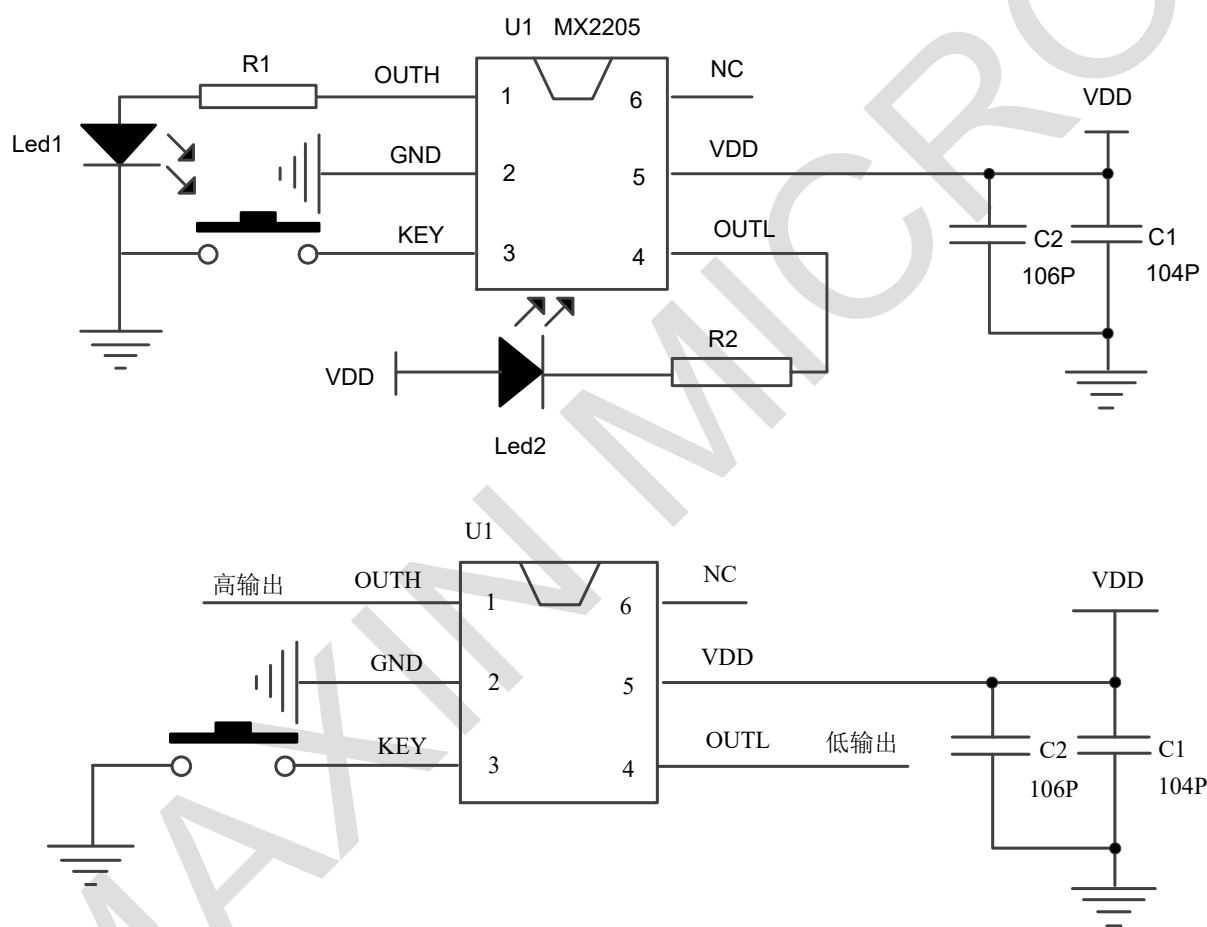


功能说明

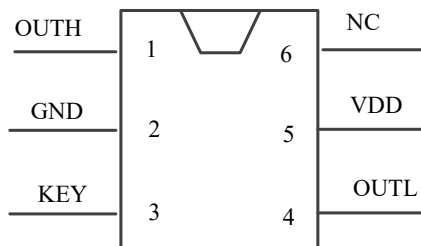
开关控制芯片，工作电压范围：DC 2.2-5.0V，
按键轻触开关 KEY，控制 2 路 OUTH-OUTL

输出，上电 OUTH 为低电平，OUTL 为高电平，长按按键 5 秒后 OUTH 输出高电平，OUTL 输出低电平，再次长按 5 秒后输出电平翻转（OUTH 输出低电平，OUTH 输出高电平）。

典型应用



Terminal assignments



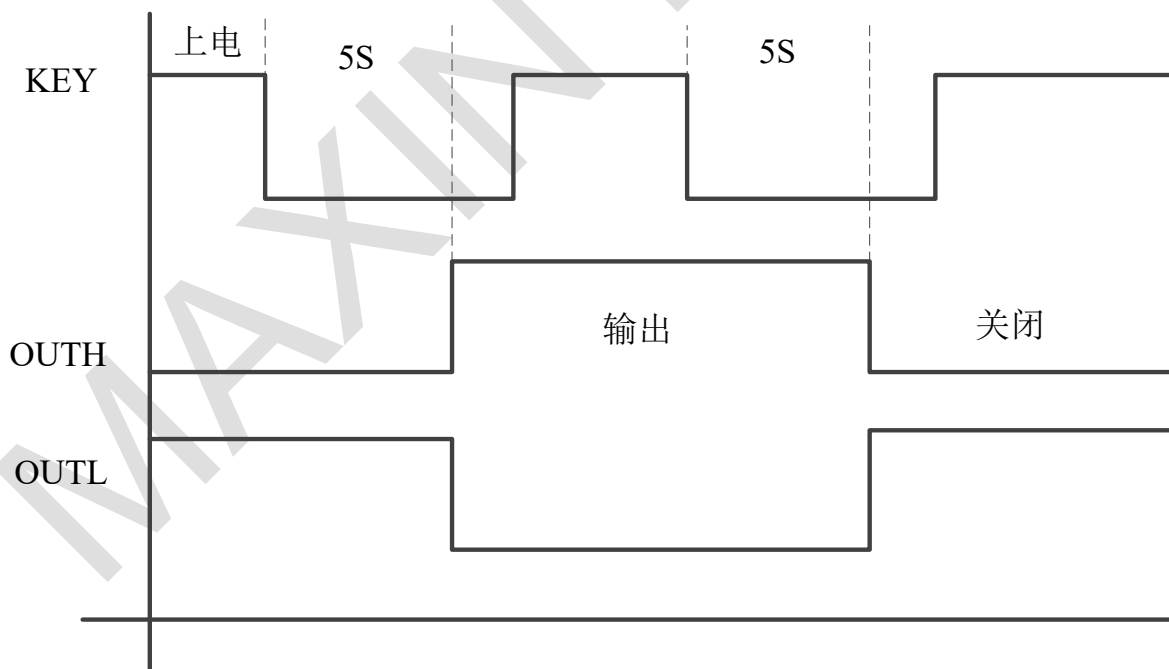
管脚号	符号	功能描述
1	OUTH	信号输出，高电平有效
2	GND	IC 负极
3	KEY	触发开关
4	OUTL	信号输出，低电平有效
5	VDD	IC 正极
6	NC	悬空

Electrical characteristics

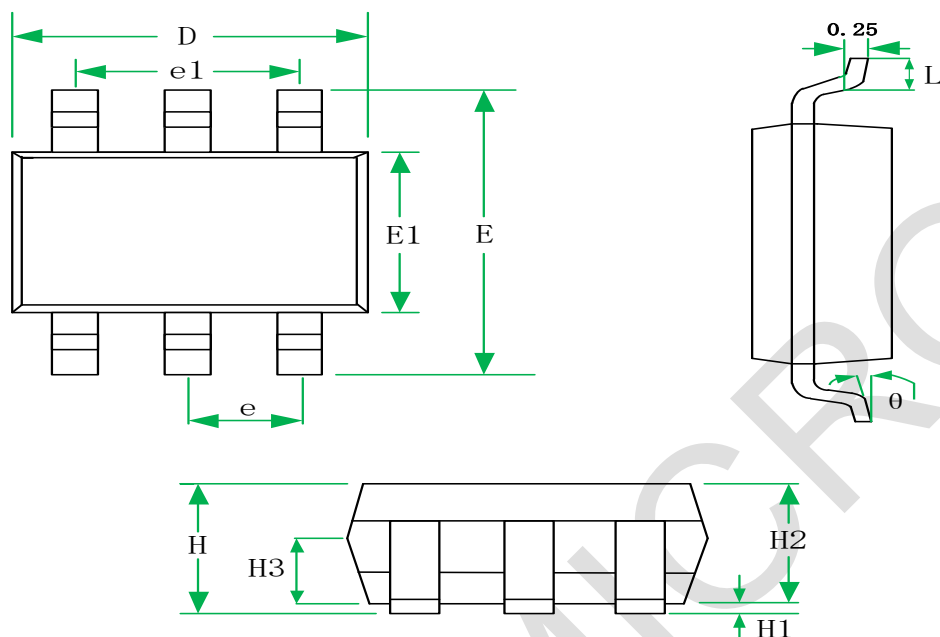
VDD=5V, TA=25°C. (Unless otherwise noted))

参数	符号	最小值	典型值	最大值	单位	条件
工作电压	VDD	2.2	3.0	5.5	V	
工作电流	IOP		4		uA	VDD=3.0V, 输出悬空
静态电流	ISTB		4		uA	VDD=3.0V, 输出关闭
驱动电流低电平输出	IOL		15		mA	VDD=3.0V, VOL=0.7V
驱动电流高电平输出	IOH		8		mA	VDD=3.0V, VOH=0.7V
过VDD 极限电流	IVDDmax			50	mA	
过GND 极限电流	IGNDmax			50	mA	
工作温度	TA	-10	25	65	°C	
储存温度	Tstg	-20	25	125	°C	

Typical Characteristics



Package information



SOT23-6 for MX2205HLC

SYMBOL	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
H			1.45			0.057
H1	0.04		0.15	0.0016		0.0059
H2	1.00	1.10	1.20	0.039	0.043	0.047
H3	0.55	0.65	0.75	0.022	0.026	0.029
D	2.72	2.92	3.12	0.107	0.115	0.123
E	2.60	2.80	3.00	0.102	0.110	0.118
E1	1.40	1.60	1.80	0.055	0.063	0.071
e	0.95BSC			0.037BSC		
e1	1.90BSC			0.074BSC		
L	0.30		0.60	0.012		0.024
θ	0		8°	0		8°

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- ◆ MAXIN micro is continually working to improve the quality and reliability of its products. Nevertheless, semiconductor devices in general can malfunction or fail due to their inherent electrical sensitivity and vulnerability to physical stress. It is the responsibility of the buyer, when utilizing MAXIN products, to comply with the standards of safety in making a safe design for the entire system, and to avoid situations in which a malfunction or failure of such MAXIN products could cause loss of human life, bodily injury or damage to property.
- ◆ In developing your designs, please ensure that MAXIN products are used within specified operating ranges as set forth in the most recent MAXIN products specifications.
- ◆ The information contained herein is subject to change without notice.

Version update record:

V10 The original version (preliminary)