



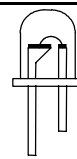
64 PATTERN

VISION PERSISTENCE

闪烁图案 IC

LED FLASH

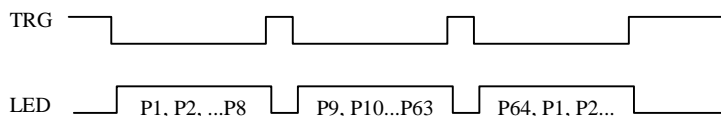
M1173



## FEATURES 功能叙述

- 1 KEY 6 LED 64 patterns.
- Built-in oscillator.

\*LH



## APPLICATION 产品应用

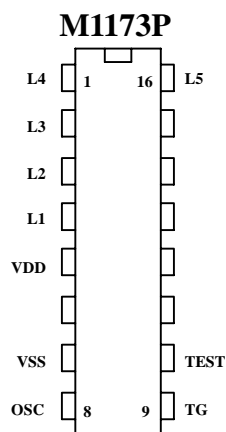
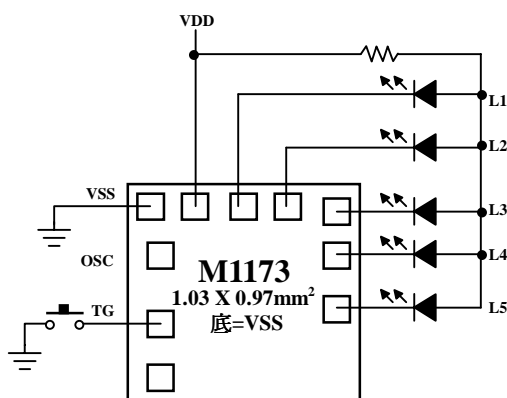
- Blinking LED, Functions indicator, Xmas decoration.

## ELECTRICAL CHARACTERISTICS 电气规格

( @  $V_{DD}=3V$  unless otherwise specified )

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作电压 Operating Voltage	$V_{DD}$	2	3	5	V	
工作电流 Operating Current	$I_{OP}$	96	120	144	$\mu A$	
静态电流 Quiescent Current	$I_{SB}$	—	1	5	$\mu A$	
推动电流 Driving Current	$I_{OL}$	4	—	—	mA	@ $V_{DS}=1.2V$
振荡频率 Oscillator Frequency	$F_{osc}$	—	176	—	KHz	$\pm 30\%$ TOL.

## APPLICATION DIAGRAM 参考电路图



\*All specs and applications shown above subject to change without prior notice.

( 以上电路及规格仅供参考,本公司得径行修正 )



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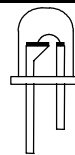
64 PATTERN

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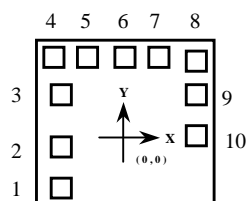
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## PAD ASSIGNMENT & POSITION



UNIT :  $\mu\text{m}$

No.	NAME	X	Y
1	TEST	-334.5	-344.5
2	TG	-334.5	-137.4
3	OSCI	-334.5	118
4	VSS	-369.1	293
5	VDD	-199.1	293
6	L1	-22.3	293
7	L2	143.2	293
8	L3	324.5	273.7
9	L4	324.5	108.2
10	L5	324.5	-86.4

\* CHIP SIZE  $\sim 1.03 \times 0.97 \text{ mm}^2$

\* IC substrate should be connected to VSS in PCB (PCB 上 IC 必须接 VSS)