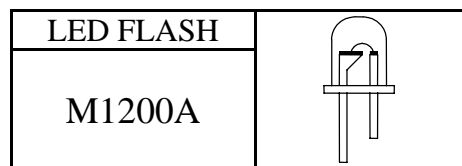




ON/OFF  
ONE SHOT

LED 闪烁 IC



**FEATURES 功能叙述**

- OSH: ONE-SHOT.
- ON/OFF: ON/OFF toggle.
- FLASH RATE: 1~16 Hz mask optional.
- Duty: 1/2 ~ 1/64 mask optional.
- T: 1 ~ 32 pulses mask optional.

P/N	RATE	Duty	PULSE	CONTROL
M1200A-1	4 Hz	1/16	12	OSH, ON/OFF
M1200A-2	4 Hz	1/8	12	:
M1200A-3	4 Hz	1/8	1	:
M1200A-4	2 Hz	1/8	8	:
M1200A-5	4 Hz	1/8	12	VDD
M1200A-6	2.2 Hz	1/8	31	OSH
M1200A-7	2.2 Hz	Z	31	OSH

※ Z : Flash 4 times.

**APPLICATION 产品应用**

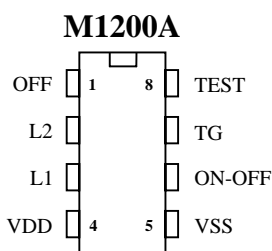
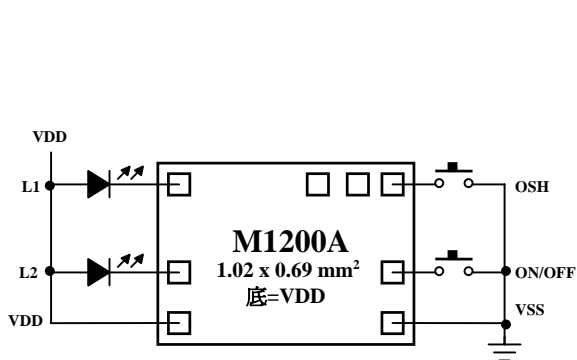
- Disco broaches, Blinking LED, Shoe IC etc..

**ELECTRICAL CHARACTERISTICS 电气规格**

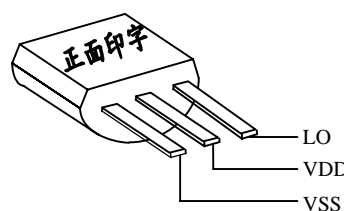
( @V<sub>DD</sub>=3V unless otherwise specified )

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作电压 Operating Voltage	V <sub>DD</sub>	—	3	3.5	V	
工作电流 Operating Current	I <sub>OP</sub>	—	0.1	0.5	mA	No load
静态电流 Quiescent Current	I <sub>SB</sub>	—	1	5	μA	
推动电流 Driving Current	I <sub>OL</sub>	20	—	—	mA	@V <sub>DS</sub> =1.2V
振荡频率 Oscillator Frequency	F <sub>OSC</sub>	—	144	—	KHz	±30% TOL.
工作温度 Operating Temperature	Temp.	0	25	60	°C	

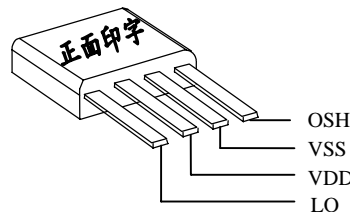
**APPLICATION DIAGRAM 参考电路图**



**TO92-3L**



**TO92-4L**



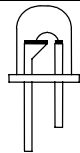
\*All specs and applications shown above subject to change without prior notice.

( 以上电路及规格仅供参考,本公司得径行修正 )

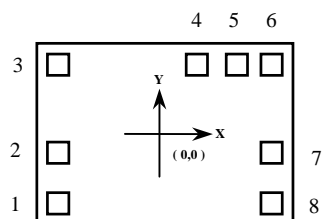


ON/OFF  
ONE SHOT

LED 闪烁 IC

LED FLASH	
M1200A	

**PAD ASSIGNMENT & POSITION**



UNIT : um

No.	NAME	X	Y
1	VDD	-381	-220
2	L1	-381	-65
3	L2	-381	217
4	OFF	94	217
5	TEST	260	217
6	TG	382	217
7	ON_OFF	382	-67
8	VSS	382	-220

\* CHIP SIZE ~ 1.02 x 0.69 mm<sup>2</sup>

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