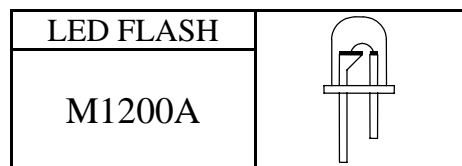




ON/OFF
ONE SHOT

LED 閃 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

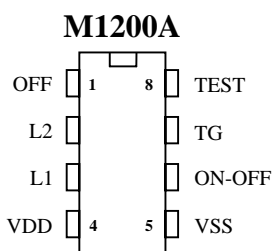
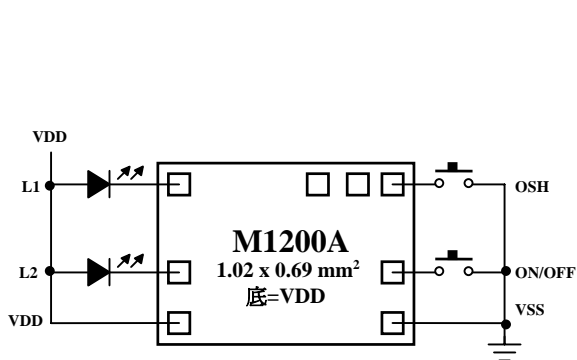
- Disco broaches, Blinking LED, Shoe IC etc..

ELECTRICAL CHARACTERISTICS 电气规格

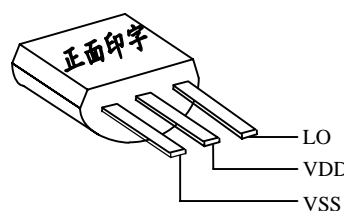
(@V_{DD}=3V unless otherwise specified)

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

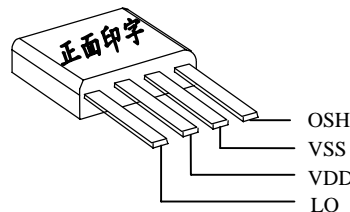
APPLICATION DIAGRAM 参考电路图



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)



~ 華半導體股份有限公司
MOSDESIGN SEMICONDUCTOR CORP.

TAIPEI : TEL : 886-2- 22783733

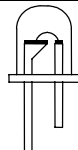
FAX : 886-2- 22783633

H.K. : TEL : 852- 27569109

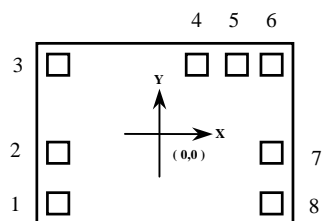
FAX : 852- 27566961

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 mm²

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