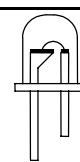




LED FLASH

M1100



ON/OFF

LED 閃爍 IC

FEATURES 功能敘述

- ON/OFF : ON/OFF trigger (mask option).
- FLASH RATE : 1~16 Hz (mask option).
- DUTY : 1/2 ~ 1/64 (mask option).

P/N	RATE	DUTY	CONTROL
M1100-1	2 Hz	1/8	ON/OFF
M1100-2	2 Hz	1/8	VDD
M1100-3	1 Hz	1/8	ON/OFF
M1100-4	1 Hz	1/8	VDD
M1100-5	4 Hz	1/8	ON/OFF
M1100-6	4 Hz	1/8	VDD
M1100-7	8 Hz	1/32	ON/OFF
M1100-8	8 Hz	1/32	VDD
M1100-9	8 Hz	1/8	ON/OFF
M1100-10	8 Hz	1/32	VDD

APPLICATION 產品應用

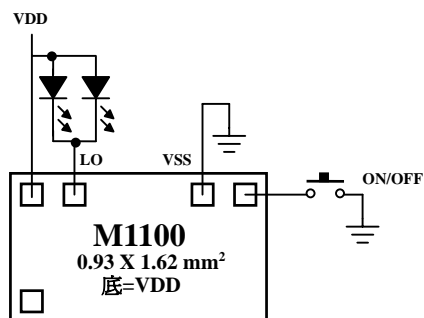
- Disco broaches, Blinking LED, Shoe IC etc..

ELECTRICAL CHARACTERISTICS 電氣規格

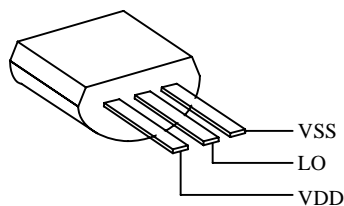
(@V_{DD}=3V unless otherwise specified)

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V _{DD}	—	3	3.5	V	
工作電流 Operating Current	I _{OP}	—	0.1	0.5	mA	No load
靜態電流 Quiescent Current	I _{SB}	—	1	5	μA	
推動電流 Driving Current	I _{OL}	20	—	—	mA	@V _{DS} =1.2V
振盪頻率 Oscillator Frequency	F _{OSC}	—	79	—	KHz	±30% TOL.
工作溫度 Operating Temperature	Temp.	0	25	60	°C	

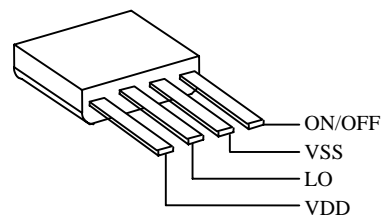
APPLICATION DIAGRAM 參考電路圖



TO92-3L



TO92-4L



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

(以上電路及規格僅供參考,本公司得逕行修正)



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

TAIPEI : TEL : 886-2- 22783733

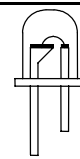
FAX : 886-2- 22783633

H.K. : TEL : 852- 27569109

FAX : 852- 27566961

LED FLASH

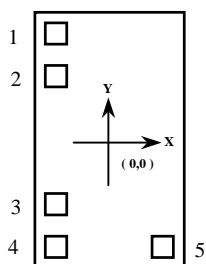
M1100



ON/OFF

LED 閃爍 IC

ASSIGNMENT & POSITION



UNIT : um

No.	NAME	X	Y
1	ON-OFF	-240	484
2	VSS	-240	250.4
3	OUT	-240	-312
4	VDD	-240	-480
5	TEST	249.6	-484

* CHIP SIZE ~ 0.93 x 1.62 mm²

* IC substrate should be connected to VDD in PCB (PCB 上 IC 必須接 VDD)