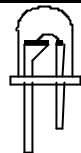




8 FUNCTIONS
5 LED FLASH IC

八段功能
5 LED 閃爍 IC

LED FLASH	
M1512	

FEATURES 功能敘述

- VDD Control.
- Built-in / Ext.Rosc.
- 1 key operation, into ROM by changing on mask.
- LED pattern will be programmed.
- Auto : Floating — 8 section auto scan.

VSS — Change section by “TG” key.

No. M1512

- 1 單燈來回閃
- 2 雙燈來回閃
- 3 連亮
- 4 連滅
- 5 由外向內來回閃
- 6 全閃
- 7 連亮連滅
- 8 漸明漸暗

APPLICATION 產品應用

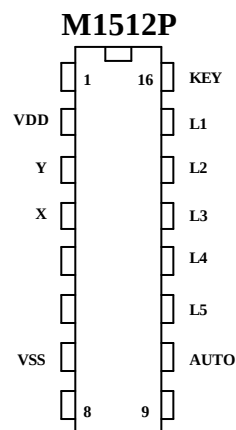
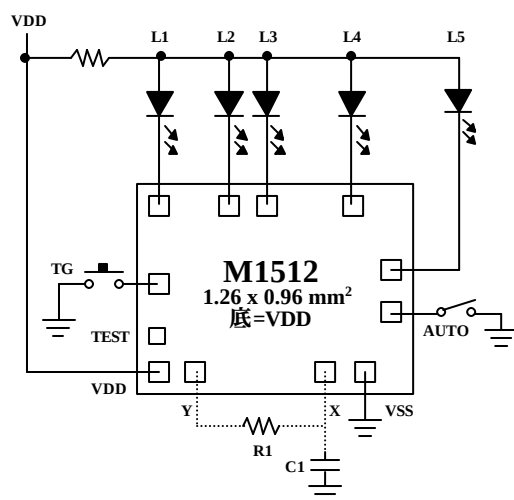
- Disco brochures, Blinking LED, Shoe IC etc..

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
推動電流 Driving Current	I_{OL}	20	—	—	mA	@ $V_{DS}=1.2V$
振盪頻率 Oscillator Frequency	F_{OSC}	—	64	—	KHz	$\pm 30\%$ TOL., $R_{osc}=K\Omega$
工作溫度 Operating Temperature	Temp.	0	25	60	$^{\circ}C$	

APPLICATION DIAGRAM 參考電路圖



* External C1 (10 ~ 100 pf to VSS) : decrease the Fosc.

* External R1 : increase the Fosc.

*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)



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8 FUNCTIONS
5 LED FLASH IC

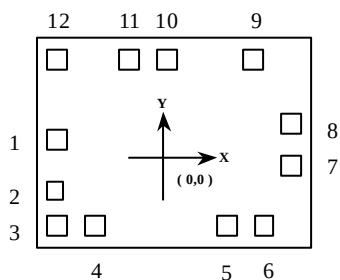
八段功能
5 LED 閃爍 IC

LED FLASH

M1512



PAD ASSIGNMENT&POSITION



Unit : um			
NO	NAME	X	Y
1	TG	-505.75	15.5
2	TEST	-505.75	-206.25
3	VDD	-505.75	-359
4	Y	-340.75	-359
5	X	240.5	-359
6	VSS	400.5	-359
7	AUTO	505	-95.75
8	L5	505	76.25
9	L4	340.25	352.75
10	L3	-35.75	352.75
11	L2	-195.75	352.75
12	L1	-505.75	352.75

* CHIP SIZE ~ 1.26 X 0.96 mm²

* IC substrate should be connected to VDD in PCB (PCB 上 IC 必須接 VDD)
(以上電路及規格僅供參考,本公司得逕行修正)