



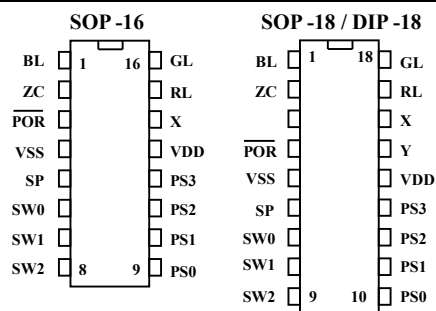
SYNC
RGB LED IC

同步
三色燈 LED IC

LED FLASH	
M1350	

- SW0 ~ SW2 : 8 start address (8 燈起始色選擇).
- PS0 ~ PS3 : 4 options control independent pattern (4 種變化選擇).
- SP : Speed select (速度選擇).
 SP=OPEN : 快速.
 SP=VSS : 慢速.
- Power-on while automatic synchronous an LEDs.
- Can be cascaded in daisy chain fashion in wave of the different color.

P/N	起始位址	FUNCTION
M1350A	8 種	同步同色跳閃+同步同色順序跳閃+ 同步同色反向跳閃+七彩漸明漸暗
M1350B	8 種	同步同色跳閃+同步 8 色順序跳閃 +同步 8 色反向跳閃+七彩漸明漸暗(飄)

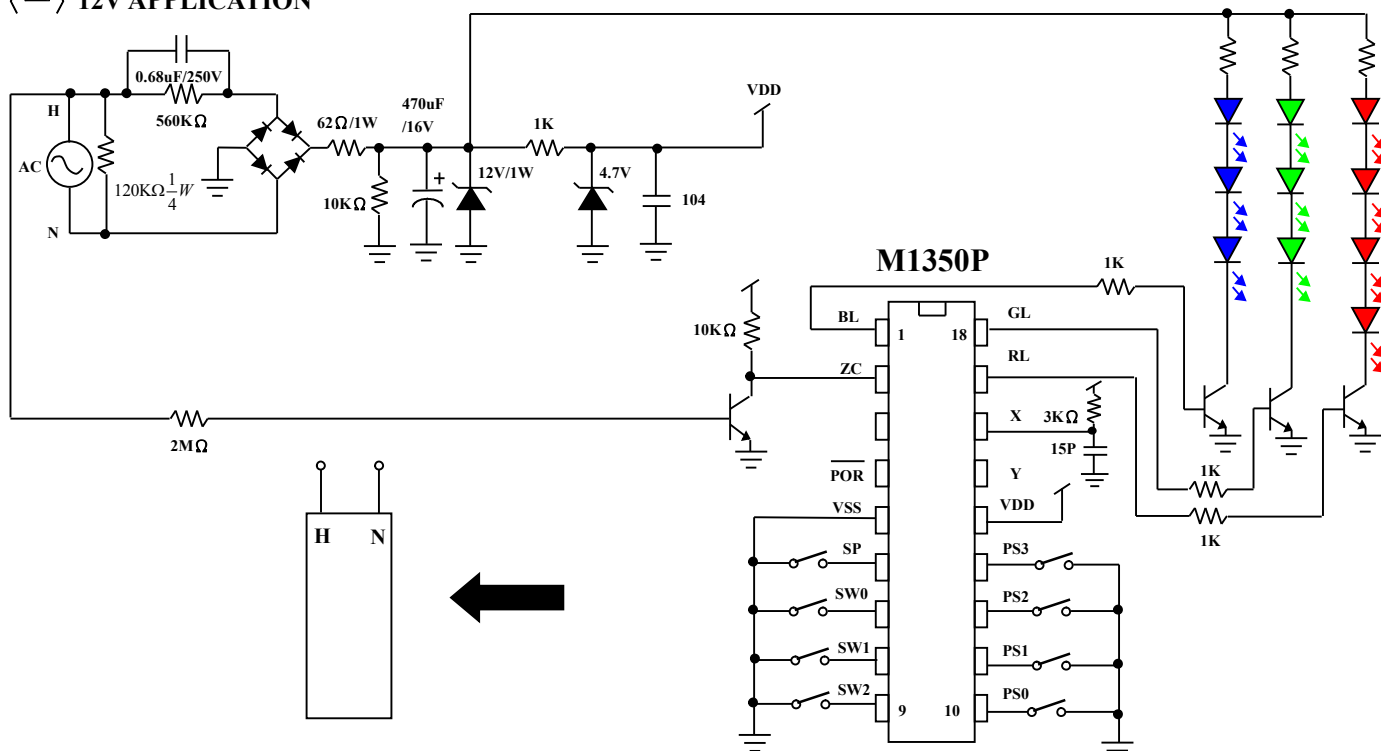


- LED color mixer lamp etc..

(@V_{DD}=4.5V unless otherwise specified)

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V _{DD}	2.4	4.5	6	V	
工作電流 Operating Current	I _{OP}	—	0.5	—	mA	No load
推動電流 Driving Sink Current	I _{OL}	15	—	—	mA	@V _{DS} = 1.2 V
推動電流 Driving Source Current	I _{Oh}	20	—	—	mA	@V _{SD} = 1.2 V
振盪頻率 Oscillator Frequency	F _{LED}	—	6.0	—	MHz	±30% TOL.
工作溫度 Operating Temperature	Temp.	0	25	70	°C	

〈一〉 12V APPLICATION





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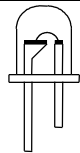
[illegible]

(以上電路及規格僅供參考,本公司得逕行修正)



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RGB LED IC

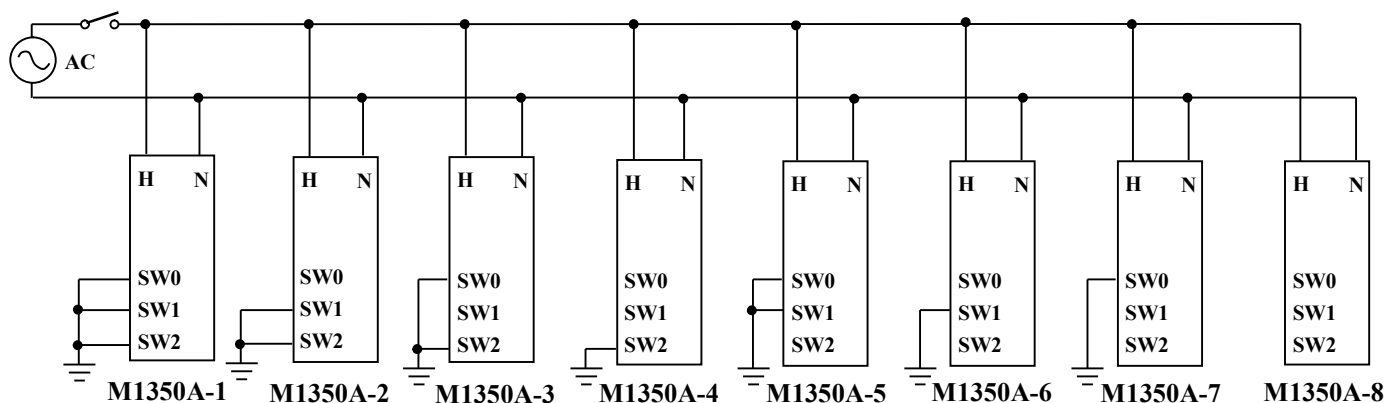
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* M1350A：同步同色跳閃+同步同色順序跳閃+同步同色反向跳閃+七彩漸明漸暗

P/N	MODE	SW2	SW1	SW0
M1350A-1	1	VSS	VSS	VSS
M1350A-2	2	VSS	VSS	X
M1350A-3	3	VSS	X	VSS
M1350A-4	4	VSS	X	X
M1350A-5	5	X	VSS	VSS
M1350A-6	6	X	VSS	X
M1350A-7	7	X	X	VSS
M1350A-8	8	X	X	X

PS0	PS1	PS2	PS3	PATTERN
X	VSS	VSS	VSS	1
X	X	VSS	VSS	1→2→Repeat
X	X	X	VSS	1→2→3→Repeat
X	X	X	X	1→2→3→4→Repeat
VSS	X	VSS	VSS	2
VSS	X	X	VSS	2→3→Repeat
VSS	VSS	X	VSS	3
VSS	VSS	VSS	X	4



PATTERN 1：同步同色跳閃（快速：4 SEC 慢速：8 SEC at AC 60Hz）

1								
2								
3								
4								
5								
6								
7								
8								

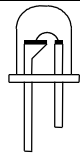


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PATTERN 2：同步同色順序跳閃（快速：4 SEC 慢速：8 SEC at AC 60Hz）

1	●	●	●	●	●	●	●	○
2		●	●	●	●	●	●	○
3			●	●	●	●	●	○
4				●	●	●	●	○
5					●	●	●	○
6						●	●	○
7							●	○
8								○

PATTERN 3：同步同色反向跳閃（快速：4 SEC 慢速：8 SEC at AC 60Hz）

1								●
2							●	●
3						●	●	●
4					●	●	●	●
5				●	●	●	●	●
6			●	●	●	●	●	●
7		●	●	●	●	●	●	●
8	○	●	●	●	●	●	●	●

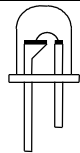
PATTERN 4：七彩漸明漸暗（快速：7.5 SEC 慢速：15 SEC at AC 60Hz）

1	●	●	●	●	●	●	○
2	●	●	●	●	●	●	○
3	●	●	●	●	●	●	○
4	●	●	●	●	●	●	○
5	●	●	●	●	●	●	○
6	●	●	●	●	●	●	○
7	●	●	●	●	●	●	○
8	●	●	●	●	●	●	○



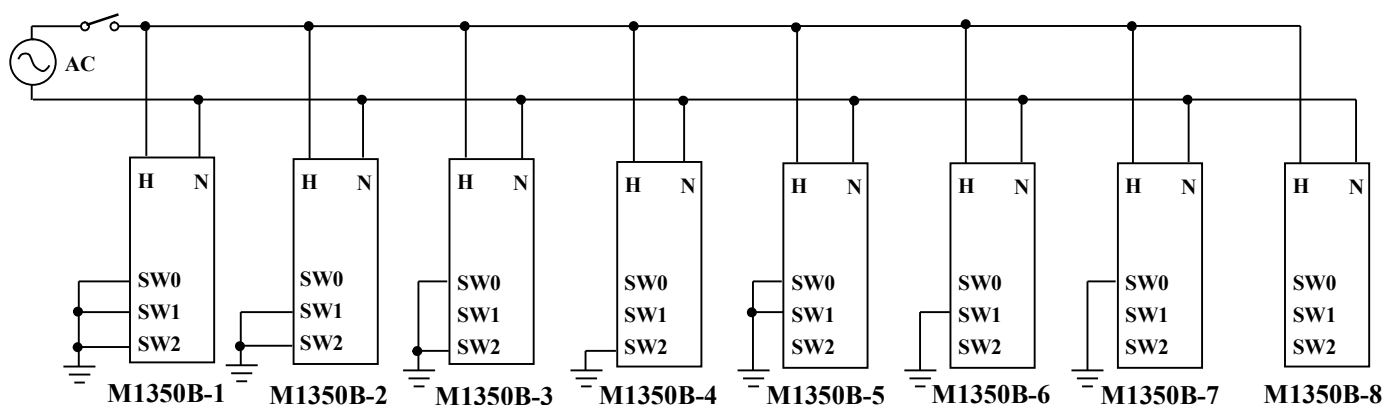
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* **M1350B**：同步同色跳閃+同步 8 色順序跳閃+同步 8 色反向跳閃+七彩漸明漸暗(飄)

P/N	MODE	SW2	SW1	SW0	PS0	PS1	PS2	PS3	PATTERN
M1350B-1	1	VSS	VSS	VSS	×	VSS	VSS	VSS	1
M1350B-2	2	VSS	VSS	×	×	×	VSS	VSS	1→2→Repeat
M1350B-3	3	VSS	×	VSS	×	×	×	VSS	1→2→3→Repeat
M1350B-4	4	VSS	×	×	×	×	×	×	1→2→3→4→Repeat
M1350B-5	5	×	VSS	VSS	VSS	×	VSS	VSS	2
M1350B-6	6	×	VSS	×	VSS	×	×	VSS	2→3→Repeat
M1350B-7	7	×	×	VSS	VSS	VSS	×	VSS	3
M1350B-8	8	×	×	×	VSS	VSS	VSS	×	4



PATTERN 1：同步同色跳閃 （快速：4 SEC 慢速：8 SEC at AC 60Hz）

1								
2								
3								
4								
5								
6								
7								
8								

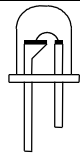


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PATTERN 2：同步 8 色順序跳閃（快速：4 SEC 慢速：8 SEC at AC 60Hz）

1	●	●	●	●	●	●	●	○
2		●	●	●	●	●	●	●
3			●	●	●	●	●	●
4				●	●	●	●	●
5					●	●	●	●
6						●	●	●
7							●	●
8								●

PATTERN 3：同步 8 色反向跳閃（快速：4 SEC 慢速：8 SEC at AC 60Hz）

1								●
2							●	●
3						●	●	●
4					●	●	●	●
5				●	●	●	●	●
6			●	●	●	●	●	●
7		●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	○

PATTERN 4：七彩漸明漸暗(飄)（快速：7.5 SEC 慢速：15 SEC at AC 60Hz）

1	●	●	●	●	●	●	○
2	○	●	●	●	●	●	●
3	●	○	●	●	●	●	●
4	●	●	○	●	●	●	●
5	●	●	●	○	●	●	●
6	●	●	●	●	○	●	●
7	●	●	●	●	●	○	●
8	●	●	●	●	●	●	○