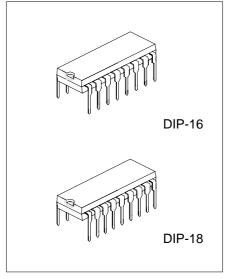
8 FUNCTIONS XMAS LIGHT CONTROL

FEATURES

- * 8 functions
- * Rotary switch select
- * Built in PLL,50/60Hz auto detect.

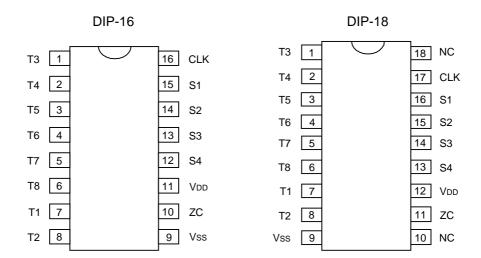
APPLICATION

* Xmas light control ,any AC control toys.



* Pb-free plating product number: 8156L

PIN CONFIGURATION



MODE FUNCTIONS

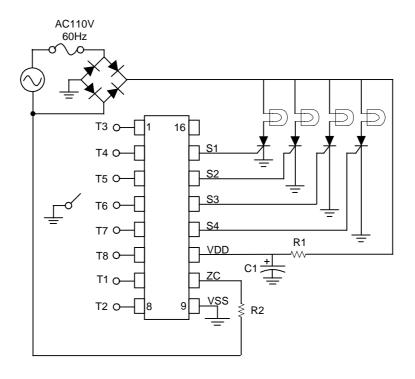
MODE	FUNCTIONS
1	AUTO SCAN MODE 2 TO MODE 7
2	IN WAVES
3	SEQUENTIAL
4	SLO-GOL
5	CHASING / FLASH
6	SLOW FADE
7	TWINKLE / FLASH
8	STEADY ON

ELECTRICAL CHARACTERISTICS (@VDD=4V unless otherwise specified)

PARAMETER	SYMBOL	TEST CONDITIONS	MIN.	TYP.	MAX.	UNIT
Operating Voltage	Vdd			4	5	V
Operating Current	lop	No load			2	mA
Oscillator Frequency	Fosc	± 30% TOL.		250		KHz
Operating Temperature	Topr.		0	25	60	°C

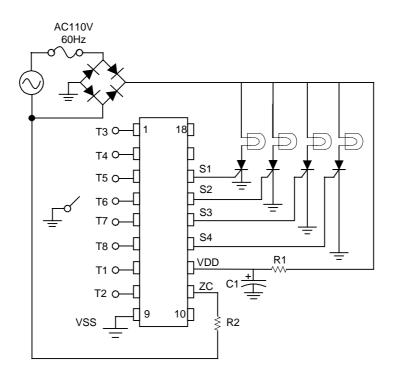
APPLICATION DIAGRAM

DIP-16



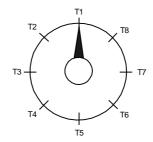
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DIP-18

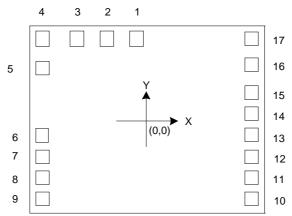


8-STEP SWITCH

	AC110V	AC220V	AC24V
	60Hz	50Hz	50Hz
R1	82K	180K	200K
R2	1M	1M	1M
C1	47μ /16V	47µ/16V	47µ/16V



PAD ASSIGNMENT & POSITION



CHIP SIZE: 1.56 x 1.24 mm² SUBSTRATE: VDD

NO	NAME	Х	Υ
1	S4	-73.2	529.6
2	S3	-268.3	529.6
3	S2	-467.3	529.6
4	S1	-690.7	530.9
5	CLK	-690.7	335.8
6	Т3	-690.7	-108.7
7	T4	-690.7	-248.7
8	T5	-690.7	-388.7
9	T6	-690.7	-528.7
10	T7	691.5	-528.7
11	Т8	691.5	-388.7
12	T1	691.5	-248.7
13	T2	691.5	-108.7
14	VSS	691.5	31.3
15	TEST	691.5	171.3
16	ZC	691.5	351.6
17	VDD	691.5	526.3

UNIT:um

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