

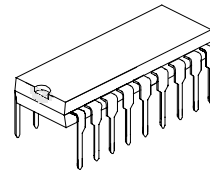
8 FUNCTIONS XMAS LIGHT CONTROL

APPLICATION

* Xmas light control ,any AC control toys.

FEATURES

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



DIP-18

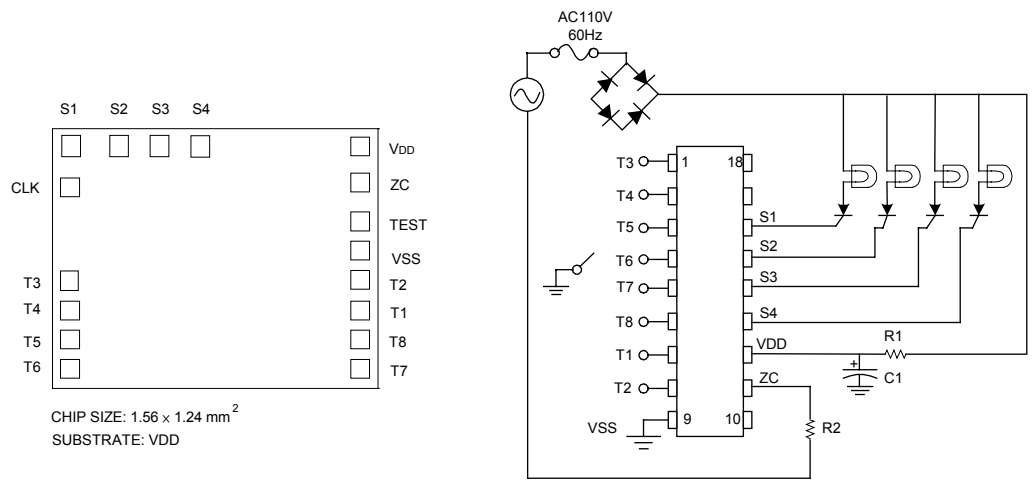
MODE FUNCTIONS

MODE	FUNCTIONS
1	AUTO SCAN SEC 2 TO SEC 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)

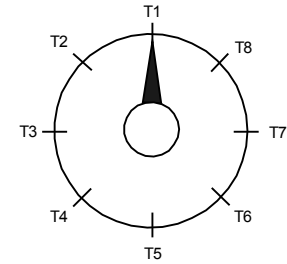
PARAMETER	SYMBOL	TEST CONDITIONS	MIN.	TYP.	MAX.	UNIT
Operating Voltage	V _{DD}			4	5	V
Operating Current	I _{OP}	No load			2	mA
BZ Driving Current	I _{OH}	V _{DS} =IV		0.2		mA
Oscillator Frequency	F _{OSC}	± 30% TOL.		250		KHz
Operating Temperature	T _{opr.}		0	25	60	°C

APPLICATION DIAGRAM

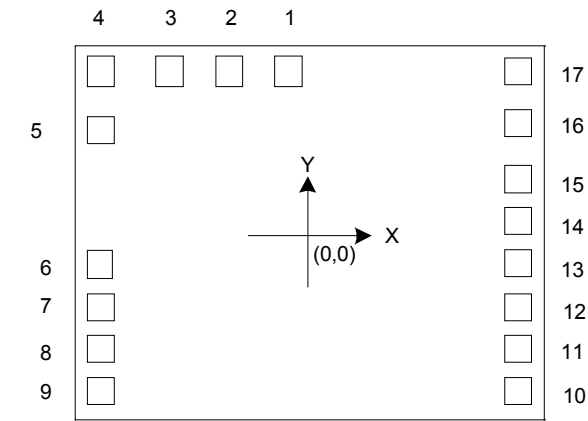


8-STEP SWITCH

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



PAD ASSIGNMENT & POSITION



CHIP SIZE: 1.56 × 1.24 mm²
SUBSTRATE: VDD

NO	NAME	X	Y
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	T3	-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	T8	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