



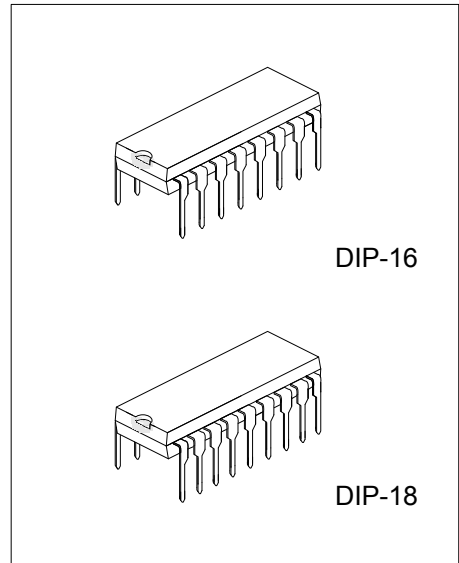
8156

CMOS IC

8 FUNCTIONS X'MAS LIGHT CONTROL

■ FEATURES

- * 8 Functions
- * Rotary Switch Select
- * Built in PLL, 50/60Hz Auto Detect.

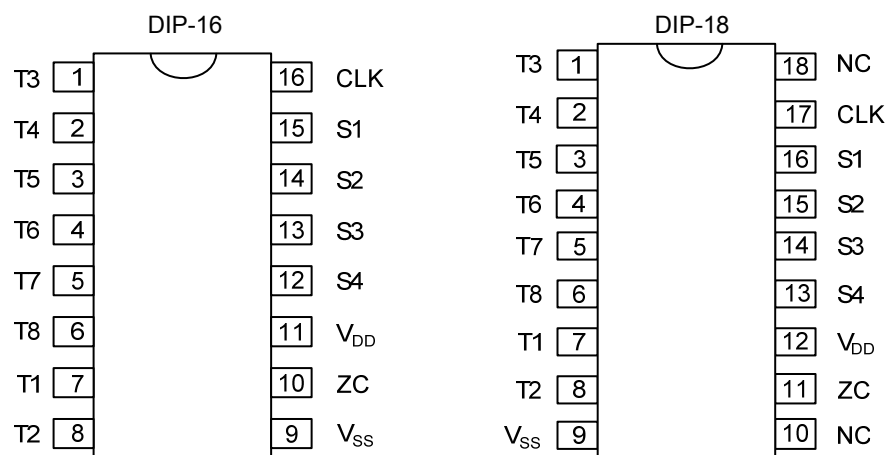


■ ORDERING INFORMATION

Ordering Number		Package	Packing
Lead Free	Halogen Free		
8156L-D16-T	8156G-D16-T	DIP-16	Tube
8156L-D18-T	8156G-D18-T	DIP-18	Tube

8156L-D16-T	(1)Packing Type (2)Package Type (3)Lead Free	(1) T: Tube (2) D16: DIP-16, D18: DIP-18 (3) G:Halogen Free, L: Lead Free
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■ PIN CONFIGURATION



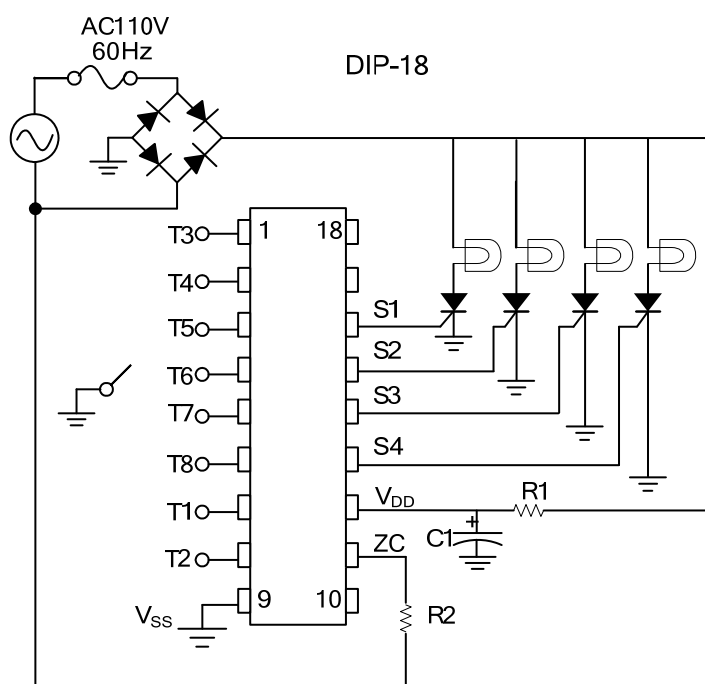
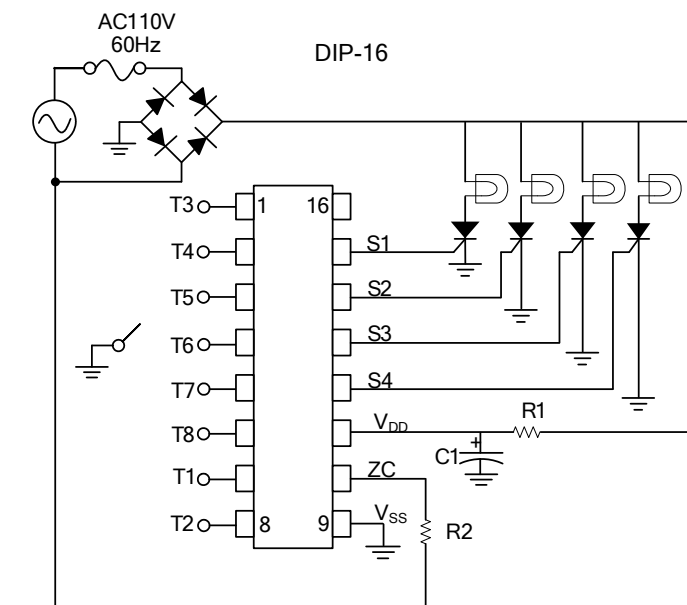
■ MODE FUNCTIONS

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

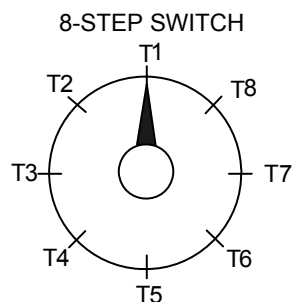
■ ELECTRICAL CHARACTERISTICS (@V_{DD}=4V unless otherwise specified)

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

■ APPLICATION DIAGRAM



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



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