UTC 801/802 INTEGRATED CIRCUIT

3/4 STRINGS Xmas LIGHT CONTROL

FEATURES
*Adjustable flash rate.
*Programmable 2/3/4 strings of bulbs.
*UTC 801 sequential mode for about 57 sec. 4 light string flash for about 3 sec. according to normal fosc. then back to sequential again.
*UTC 802 sequential mode only.

APPLICATION
*Xmas light controller, any AC control toys.

DIP-8

PIN CONFIGURATIONS

Vss	1	8 S4
X	2	7 S3
Y	3	6 S2
VDD	4	5 S1
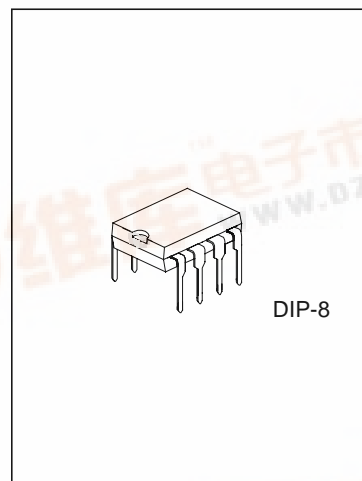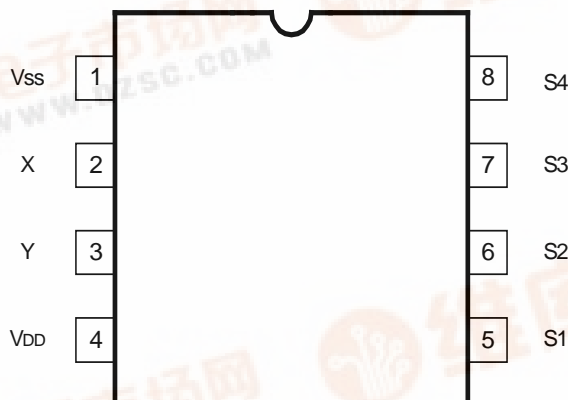
ELECTRICAL CHARACTERISTICS (@VDD=3.6V unless otherwise specified)

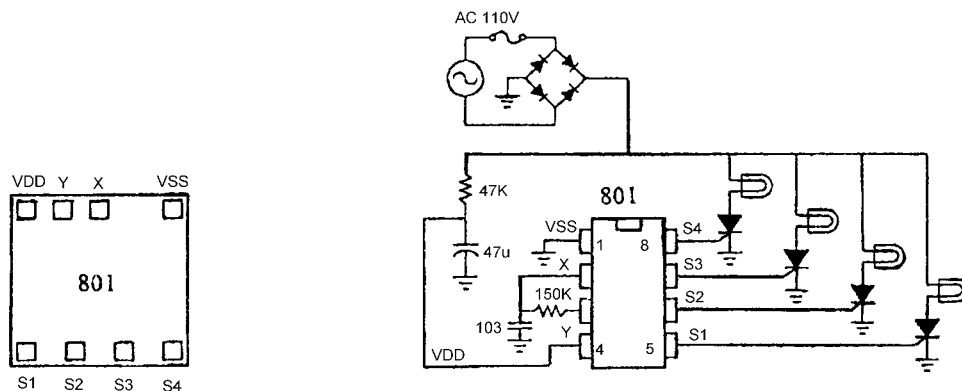| PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP.	MAX	UNIT
Operating Voltage	V_{DD}		-	3.6	5	V
Operating Current	I_{OP}	No load	-	-	-	mA
Quiescent Current	I_{SB}		-	-	-	μA
Driving Current	I_{OH}	@V_{DS}=1.2V	-	0.02	-	mA
Oscillator Frequency	F_{OSC}	External ± 30%, Rosc ~ 150kΩ	-	150	-	Hz
Operating Temperature	Temp.		0	25	60	°C

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APPLICATION DIAGRAM

Note 1: IC CHIP ~ 1.26 x 1.14 mm^2, substrate to VDD
Note 2: This specification is subject to be changed without prior notice.

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QW-R120-001,B