![PT PERICOM TECHNOLOGY INC.]

Features

- High watt density Alumina Heaters
- High current pulse trigger for SCR
- Quickly Heating-Up and Quickly Lost-Heat-Recover
- Dual voltage   120VAC / 240VAC
- Internal 5v zener
- Insensitive to environment temperature
- Auto power off? Optional??
- DIP-8 and SOIC-8 package

Application

- Ceramic heating controller

Description

The PT8A330X is specially designed for ceramic heating control system. It can set the temperature continuously .It can drive SCR directly and detect the heater temperature without extra temperature sensor. It has one key, two keys and no key for function setting and has one LED for working state indication. Build-in timer will automatically power off after turn on for 1 hour @ 60Hz or 1.2 hour @ 50Hz (for PT8A3300/1/4/5).
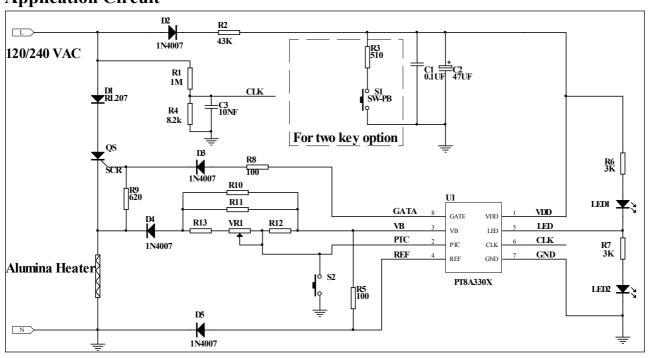
Ordering Information

Part No.	Package
PT8A330xLPE*	Lead free 8-pin DIP
PT8A330xLWE*	Lead free 8-pin SOIC
PT8A330xHPE*	Lead free 8-pin DIP
PT8A330xHWE*	Lead free8-pin SOIC

Note: *: "x" shows 0~7 with different function see *Function Comparison Table*.

Function Comparison Table

Part No.	lED	Timer	Switch On/OFF	
PT8A3300H/L	Flash	Y	-	Two Key
PT8A3301H/L	Constant	Y	-	Two Key
PT8A3302H/L	Flash	N	-	Two Key
PT8A3303H/L	Constant	N	-	Two Key
PT8A3304H/L	Flash	Y	One Key	-
PT8A3305H/L	Constant	Y	One Key	-
PT8A3306H/L	Flash	N	One Key	-
PT8A3307H/L	Constant	N	One Key	-

Part No.	*VTH – VT
PT8A330xH	High overshot when preheat
PT8A330xL	Low overshot when preheat

Note: * Refer to page 6

Application Circuit