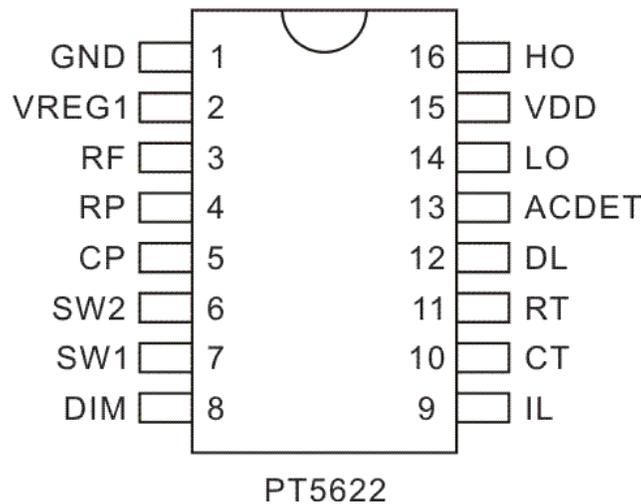


ORDER INFORMATION

Valid Part Number	Package Type	Top Code
PT5622-D-001	16 Pins, DIP, 300mil	PT5622-D-001
PT5622-D-002	16 Pins, DIP, 300mil	PT5622-D-002
PT5622-D-003	16 Pins, DIP, 300mil	PT5622-D-003
PT5622-D-004	16 Pins, DIP, 300mil	PT5622-D-004
PT5622-S-001	16 Pins, SOP, 150mil	PT5622-S-001
PT5622-S-002	16 Pins, SOP, 150mil	PT5622-S-002
PT5622-S-003	16 Pins, SOP, 150mil	PT5622-S-003
PT5622-S-004	16 Pins, SOP, 150mil	PT5622-S-004

PIN CONFIGURATION



PIN CONFIGURATION

Pin Name	Description	Pin No.
GND	Ground	1
VREG1	Standby power supply for internal MCU when the AC power supply is switched off	2
RF	Internal reference current bias setting pin, its voltage is fixed at 3.2V. An external resistor is connected from this pin to GND to determine the internal reference current, typical value is 68K	3
RP	Preheat frequency setting pin, its output current is 29 μ A. An external resistor is connected to this pin and introduce a voltage for VCO	4
CP	Preheat time and sweeping frequency ignition setting pin	5
SW2, SW1	3-level dimming setting pin, different states of SW2 and SW1 leads to change output voltage of external resistive divider, and this voltage is introduced to the input of the dimming pin DIM.	6, 7
DIM	Dimming input pin. Accept the output voltage of external resistive divider	8
IL	Lamp current sampling pin	9
CT	An external capacitor is connected to this pin to determine oscillating frequency	10
RT	An external resistor is connected to this pin to determine oscillating frequency	11
DL	Switch delay time setting pin. A capacitor is connected to this pin. When an AC input is detected by ACDET pin, 0.6 μ A current is charged to the capacitor. If the AC input is not switched-off before the capacitor reaching 3.8V, the system enters preheat mode	12
ACDET	AC input detection pin, used for detecting the switch state and on-off times of AC input	13
LO	Low-side gate driver output	14
VDD	Power supply, operating voltage is 13V	15
HO	High-side gate driver output	16

IMPORTANT NOTICE

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