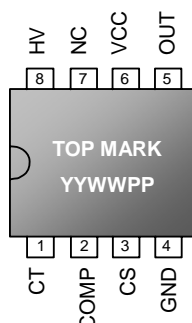


Pin Configuration

SOP-8 & DIP-8 (TOP VIEW)



YY: Year code
 WW: Week code
 PP: Production code

Ordering Information

Part number	Protection/Frequency	Package		Top Mark	Shipping
LD7576 PS	Auto-Recovery/65KHz	SOP-8	PB Free	LD7576PS	2500 /tape & reel
LD7576 GS	Auto-Recovery/65KHz	SOP-8	Green Package	LD7576GS	2500 /tape & reel
LD7576 PN	Auto-Recovery65KHz	DIP-8	PB Free	LD7576PN	3600 /tube /Carton
LD7576J PS	Auto-Recovery/100KHz	SOP-8	PB Free	LD7576JPS	2500 /tape & reel
LD7576J GS	Auto-Recovery/100KHz	SOP-8	Green Package	LD7576JGS	2500 /tape & reel
LD7576J PN	Auto-Recovery100KHz	DIP-8	PB Free	LD7576JPN	3600 /tube /Carton
LD7576H PS	Latch/65KHz	SOP-8	PB Free	LD7576HPS	2500 /tape & reel
LD7576H GS	Latch/65KHz	SOP-8	Green Package	LD7576HGS	2500 /tape & reel
LD7576H PN	Latch/65KHz	DIP-8	PB Free	LD7576HPN	3600 /tube /Carton
LD7576K PS	Latch/100KHz	SOP-8	PB Free	LD7576KPS	2500 /tape & reel
LD7576K GS	Latch/100KHz	SOP-8	Green Package	LD7576KGS	2500 /tape & reel
LD7576K PN	Latch/100KHz	DIP-8	PB Free	LD7576KPN	3600 /tube /Carton

The LD7576 is ROHS compliant/ Green Package.

Note:

- Oscillating frequency:
 LD7576/76H: 65KHz (typ.),
 LD7576J/76K: 100KHz (typ.).
- LD7576H/76K features Built-in latch-mode function of OVP on Vcc pin , OLP and On Chip OTP.
- LD7576/76J features Built-in Auto-Recovery function of OVP on Vcc pin OLP and On Chip OTP.

Pin Descriptions

PIN	NAME	FUNCTION
1	CT	This pin is to program the frequency of the low frequency timer. By connecting a capacitor to ground to set the OLP delay time. And this pin can be used for latch mode protection. By pulling this pin lower than 0.8 V, the controller will be entered latch mode until the AC power-on recycling.
2	COMP	Voltage feedback pin (same as the COMP pin in UC384X), By connecting a photo-coupler to close the control loop and achieve the regulation. A high quality ceramic capacitor (X7R) is required for general applications (102pF at least).
3	CS	Current sense pin, connect to sense the MOSFET current
4	GND	Ground
5	OUT	Gate drive output to drive the external MOSFET
6	VCC	Supply voltage pin
7	NC	Unconnected Pin
8	HV	Connect this pin to positive terminal of bulk capacitor to provide the startup current for the controller. When Vcc voltage trips the UVLO(on), this HV loop will be off to save the power loss on the startup circuit.