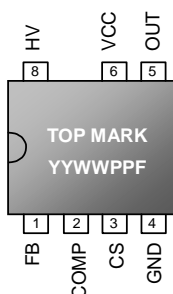


Pin Configuration

SOP-7 (TOP VIEW)



YY: Year code
 WW: Week code
 PP: Production code
 F: Foundry process code

Ordering Information

Part number	Package	Top Mark	Shipping
LD5762PGR-1	SOP-7	LD5762PGR	2500 /tape & reel

The LD5762PGR-1 is RoHS compliant/ green packaged.

Protection Mode

Part number	VCC_OVP	OSCP	CS_OTP	OPP	FB_UVP	FB_OVP
LD5762PGR-1	Latch	Latch	Latch	Latch	Skip 1 cycle	Latch

Pin Descriptions

PIN	NAME	FUNCTION
1	FB	Auxiliary voltage sense, output voltage protection and quasi resonant detection.
2	COMP	Voltage feedback pin. Connect a photo-coupler with it to close the control loop and achieve the regulation.
3	CS	Current sense pin, connect it 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	<p>Connect this pin to line/ neutral of AC main voltage through resistor to provide the startup current for the controller. When VCC voltage increase to trip the point of $UVLO_{(ON)}$, this HV loop will be turned off to reduce the power loss on the startup circuit.</p> <p>An internal resistor divider between HV to GND pin will monitor AC line voltage to activate brown-in/out function control.</p>