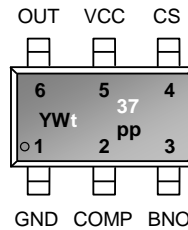


Pin Configuration

SOT-26 (TOP VIEW)



YY, Y : Year code (D: 2004, E: 2005.....)
 WW, W : Week code
 PP : Production code
 t37 : LD5537

Ordering Information

Part number	Package	Top Mark	Shipping
LD5537 GL	SOT-26	YWt/37	3000 /tape & reel

The LD5537 is ROHS compliant/ Green packaged

Protection Mode

Switching Freq.	VCC OVP	BNO	OPP	OCP	OSCP	Int. OTP	CS Pin OVP
130kHz	Auto-Restart	Auto-Restart	Auto-Restart	Auto-Restart	Auto-Restart	Auto-Restart	Auto-Restart

Pin Descriptions

PIN	NAME	FUNCTION
1	GND	Ground
2	COMP	Voltage feedback pin (same as the COMP pin in UC384X). Connect a photo-coupler to close the control loop and achieve the regulation.
3	BNO	Brownout Protection Pin. Connect a resistor divider between this pin and bulk capacitor voltage to set the brownout level. If the voltage below the threshold, the PWM output will be disabled.
4	CS	Current sense pin, connect it to sense the MOSFET current. This pin is also connected to an auxiliary winding of the PWM transformer through a resistor and a diode for output over-voltage protection.
5	VCC	Supply voltage pin
6	OUT	Gate drive output to drive the external MOSFET