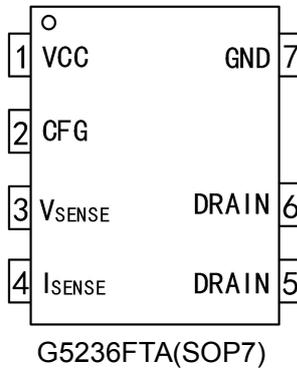




**G5236FTA**  
**Digital QR Primary-Side Power Switch**

**2.0 Products Information**

**2.1 Pin configuration**



Name	Pin	I/O	Description
VCC	1	Power Input	Power supply for the controller during normal operation. The controller will start up when VCC reaches 14.0 V (typical) and will shut down when the VCC voltage drops below 6.5 V (typical). A decoupling capacitor of 0.1 $\mu$ F or so should be connected between the VCC pin and GND.
CFG	2	Analog Input	Used to configure external cable drop compensation (CDC) at the beginning of start-up and provide accurate over-voltage protection during normal operation by sensing output voltage via auxiliary winding.
V <sub>SENSE</sub>	3	Analog Input	Sense signal input from auxiliary winding. This provides the secondary voltage feedback used for output regulation..
I <sub>SENSE</sub>	4	Analog Input	Primary current sense. Used for cycle-by-cycle peak current control and limit.
DRAIN	5/6	Output	HV MOSFET Drain Pin. The Drain pin is connected to the primary lead of the transformer
GND	7	Ground	Ground.

