

2 Pin Configuration

2.1 Pin Assignment

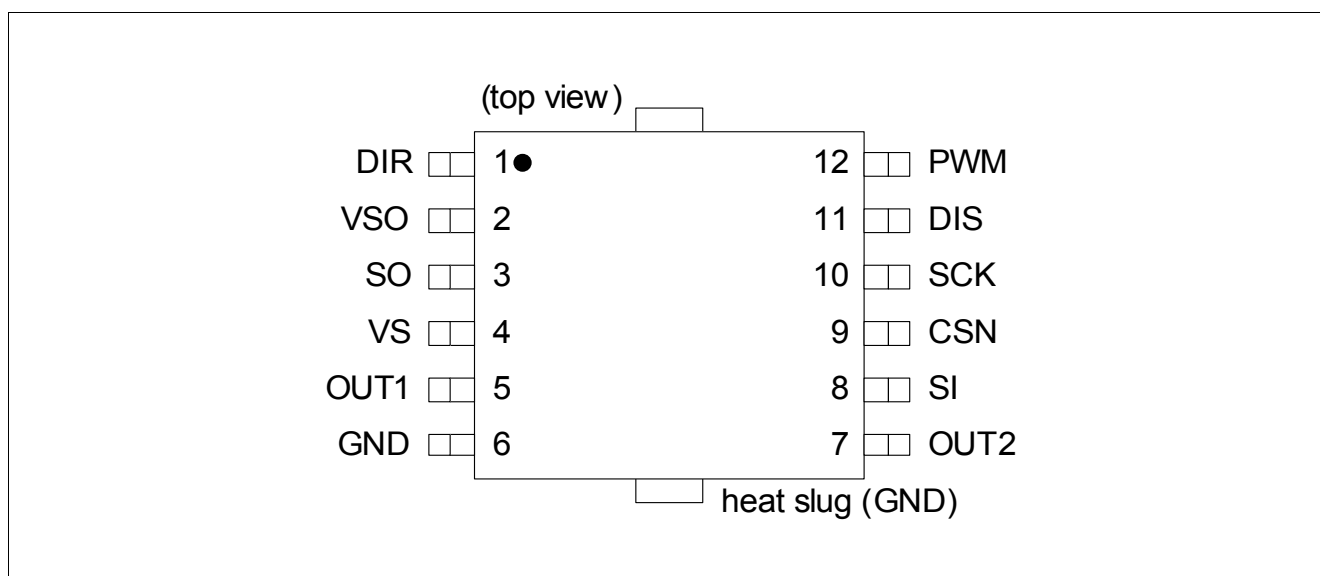


Figure 1 Pin Assignment IFX9201SG

2.2 Pin Definitions and Functions

Pin	Symbol	Function
1	DIR	Direction input to define direction of the motor current
2	VSO	Supply pin for SO output. Connect to 5V or 3.3V depending on desired logic level
3	SO	SPI serial output
4	VS	Supply voltage
5	OUT1	Output 1
6	GND	Ground
7	OUT2	Output 2
8	SI	SPI serial input
9	CSN	SPI chip select (low active)
10	SCK	SPI clock input
11	DIS	Disable. Disables the outputs (all MOSFETS off)
12	PWM	Pulse width modulation input