

SSL Interface Controller for Analog (0-10V), PWM, and Resistor Dimming with Optocoupler Delay Elimination

4 Pinout Description

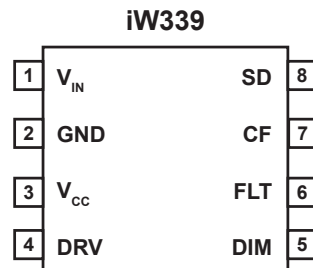


Figure 4.1 : 8-Lead SOIC Package

Pin Number	Pin Name	Type	Pin Description
1	V _{IN}	Analog Input	Power supply up to 60V.
2	GND	Ground	Ground.
3	V _{CC}	Power	Power supply for control logic.
4	DRV	Output	PWM driver.
5	DIM	Analog Input	Dimming interface connection.
6	FLT	Analog Input	Dimming signal filter capacitor connection.
7	CF	Analog Input	Sets the PWM output frequency: 100Hz to 50kHz.
8	SD	Analog Input	Shuts down the IC if voltage is over 2V.

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5 Absolute Maximum Ratings

Absolute maximum ratings are the parameter values or ranges which can cause permanent damage if exceeded.

Parameter	Symbol	Value	Units
V _{IN} to GND	V _{CC}	-0.3 to 65	V
DIM to GND		-0.3 to 65	V
DRV, FLT, CF, SD to GND		-0.3 to 5	V
ESD rating (HBM)		±2	kV
Storage temperature range		-65 to +150	°C
Maximum junction temperature		150	°C

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6 Physical Dimensions

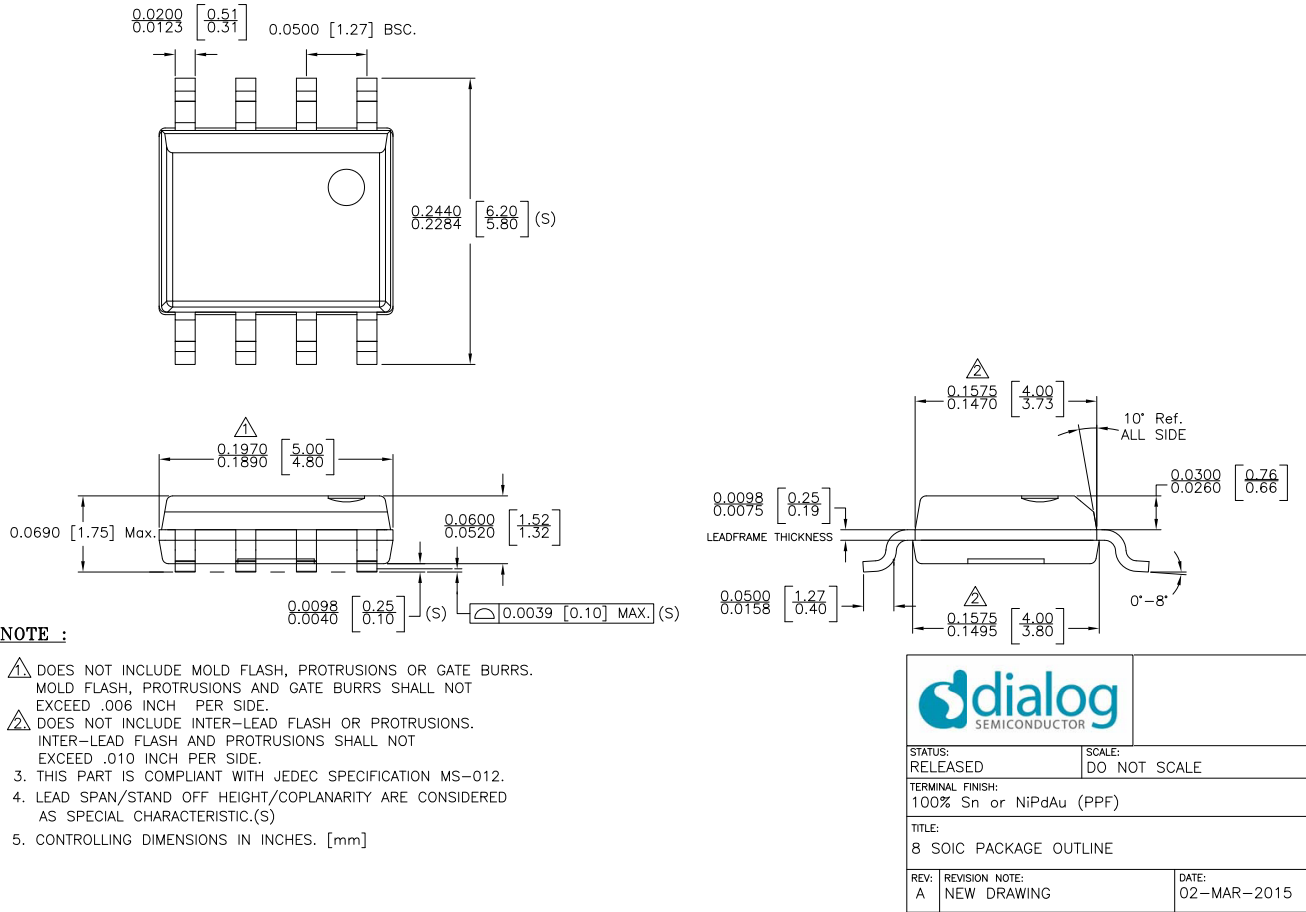


Figure 6.1 : Physical Dimensions of 8-Pin SOIC Package

7 Ordering Information

Part Number	Options	Package	Description
iW339-00	Standard PWM Output	SOIC-8	Tape & Reel ¹
iW339-01	Calibration Capable PWM Output	SOIC-8	Tape & Reel ¹

Note 1. Tape and reel packing quantity is 2,500/reel. Minimum packing quantity is 2,500.

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