

High Efficiency, Constant Current 36V LED driver

Features

- Operating Voltage: 7V to 36V.
- Shutdown Current <20 μ A(Typ).
- Analog Dimming Control.
- Digital Dimming Control.
- LED Thermal Overload Protection.
- Open LED Protection.
- MSOP-8 and MSOP-8 (FD) Package.

General Description

The G2605 is a step-down converter, designed for driving high-brightness LED. The device operates over a 7V to 36V input voltage and driving current from few milliamps up to several amps.

The device built-in Overload Protection to prevent operating fails condition.

Applications

- GPS Navigation System.
- Compact Back Light Module.
- Constant Current Source.
- LED Module

Ordering Information

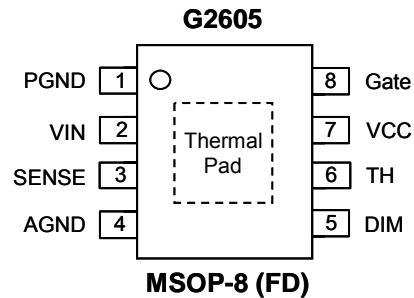
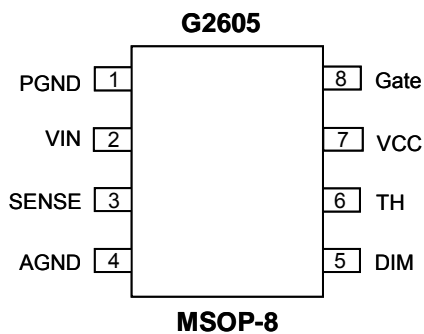
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G2605P81U	G2605	-30°C to +105°C	MSOP-8
G2605F51U	G2605	-30°C to +105°C	MSOP-8 (FD)

Note: P8: MSOP-8 F5:MSOP-8 (FD)

1: Bonding Code

U: Tape & Reel

Pin Configuration



Note: Recommend connecting the Thermal Pad to the Ground for excellent power dissipation.