

1.5A High Speed Dual Inverting MOSFET Driver; Package: SOIC-8 Narrow Body; No of Pins: 8; Container: Rail; Qty per Container: 98, MOSFET & Power Driver ICs 1.5A High Speed Dual Inverting MOSFET

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC34151DG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MC34151/MC33151 are dual inverting high speed drivers specifically designed for applications that require low current digital circuitry to drive large capacitive loads with high slew rates. These devices feature low input current making them CMOS and LSTTL logic compatible, input hysteresis for fast output switching that is independent of input transition time, and two high current totem pole outputs ideally suited for driving power MOSFETs. Also included is an undervoltage lockout with hysteresis to prevent erratic system operation at low supply voltages. Typical applications include switching power supplies, dc to dc converters, capacitor charge pump voltage doublers/inverters, and motor controllers. These devices are available in dual-in-line and surface mount packages.

## Features

Two Independent Channels with 1.5 A Totem Pole Output

Output Rise and Fall Times of 15 ns with 1000 pF Load

CMOS/LSTTL Compatible Inputs with Hysteresis

Undervoltage Lockout with Hysteresis

Low Standby Current

Efficient High Frequency Operation

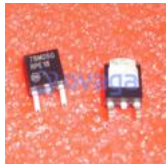
Enhanced System Performance with Common Switching Regulator Control ICs

Pin Out Equivalent to DS0026 and MMH0026

## Application

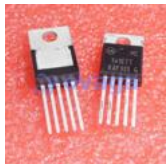
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## Related Products



### [MC78M05CDTG](#)

ON Semiconductor, LLC  
TO-252-3



### [MC34167TG](#)

ON Semiconductor, LLC  
TO-220-5



### [MC78L05ABPG](#)

ON Semiconductor, LLC  
TO-92-3



### [MC33039PG](#)

ON Semiconductor, LLC  
PDIP-8



### [MC78LC33NTRG](#)

ON Semiconductor, LLC  
SOT-23-5



### [MC33161PG](#)

ON Semiconductor, LLC  
PDIP-8



### [MC7805ABD2TG](#)

ON Semiconductor, LLC  
TO-263-3



### [MC33035PG](#)

ON Semiconductor, LLC  
PDIP-24