

IC, MOSFET DRIVER, Driver Configuration:-, Peak Output Current:1.5A, Supply Voltage Min:6.5V, Supply Voltage Max:18V, Input Delay:55ns, Output Delay:40ns, Operating Temperature Min:0 C

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for MC34152DG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

The MC34152/MC33152 are dual noninverting high speed drivers specifically designed for applications that require low current digital signals to drive large capacitive loads with high slew rates. These devices feature low input current making them CMOS/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 system erratic operation at low supply voltages. Typical applications include switching power supplies, dc-to-dc converters, capacitor charge pump voltage doublers/inverters, and motor controllers. This device is available in dual-in-line and surface mount packages.

Features

Two Independent Channels with 1.5 A Totem Pole Outputs

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

Pb-Free Packages are Available

Application

ONSEMI



Related Products



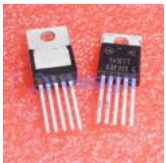
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