

High Voltage, High and Low Side Driver, MOSFET & Power Driver ICs HIGH VOLT  
MOSFET DR LO MOSFET IGBT DRVR

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



Images are for reference only

Please submit RFQ for NCP5304DR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The NCP5304 is a High Voltage Power gate Driver providing two outputs for direct drive of 2 N-channel power MOSFETs or IGBTs arranged in a half-bridge configuration. It uses the bootstrap technique to insure a proper drive of the High-side power switch. The driver works with 2 independent inputs with cross conduction protection.

## Features

High Voltage Range: Up to 600V

dV/dt Immunity  $\pm 50$  V/ns

Gate Drive Supply Range from 10 V to 20 V

High and Low Drive Outputs

Output Source / Sink Current Capability 250 mA / 500 mA

3.3 V and 5 V Input Logic Compatible

Up to Vcc Swing on Input Pins

Matched Propagation Delays Between Both Channels

Outputs in Phase with the Inputs

Cross Conduction Protection with 100ns Internal Fixed Dead Time

Under Vcc LockOut (UVLO) for Both Channels

Pin to Pin Compatible with Industry Standards

## Application

ONSEMI

## Related Products



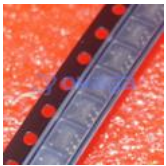
### [NCP603SN330T1G](#)

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