

Driver 5A 2-OUT Low Side Full Brdg Non-Inv 8-Pin SOIC T/R

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 FAN3214TMX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FAN3213 and FAN3214 dual 4A gate drivers are designed to drive N-channel enhancement-mode MOSFETs in low-side switching applications by providing high peak current pulses during the short switching intervals. They are both available with TTL input thresholds. Internal circuitry provides an undervoltage lockout function by holding the output LOW until the supply voltage is within the operating range. In addition, the drivers feature matched internal propagation delays between A and B channels for applications requiring dual gate drives with critical timing, such as synchronous rectifiers. This also enables connecting two drivers in parallel to effectively double the current capability driving a single MOSFET. The FAN3213/14 drivers incorporate MillerDrive™ architecture for the final output stage. This bipolar- MOSFET combination provides high current during the Miller plateau stage of the MOSFET turn-on / turn-off process to minimize switching loss, while providing rail-to- rail voltage swing and reverse current capability. The FAN3213 offers two inverting drivers and the FAN3214 offers two non-inverting drivers. Both are offered in a standard 8-pin SOIC package.

Application

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SOIC-8



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