

Single 9A High-Speed Low-Side Gate Driver; Package: 8-MLP; Container: Tape & Reel, MOSFET & Power Driver ICs Single 9A Low Side Gate

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|---------------|---------------------------------------|
| Manufacturers | ON Semiconductor, LLC |
| Package/Case | MLP-8 |
| Product Type | Power Management ICs |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for FAN3122TMPX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FAN3121 and FAN3122 MOSFET drivers are designed to drive N-channel enhancement MOSFETs in low-side switching applications by providing high peak current pulses. The drivers are available with either TTL (FAN312xT) or CMOS (FAN312xC) input thresholds. Internal circuitry provides an under-voltage lockout function by holding the output low until the supply voltage is within the operating range. FAN312x drivers incorporate the MillerDrive™ architecture for the final output stage. This bipolar / MOSFET combination provides the highest peak current during the Miller plateau stage of the MOSFET turn-on / turn-off process. The FAN3121 and FAN3122 drivers implement an enable function on pin 3 (EN), previously unused in the industry-standard pin-out. The pin is internally pulled up to VDD for active HIGH logic and can be left open for standard operation. The FAN3121/22 is available in a 3x3mm 8-lead thermally-enhanced MLP package or an 8-lead SOIC package.

Application

ONSEMI

Related Products



[FAN3122TMX](#)

ON Semiconductor, LLC
SOIC-8



[FAN7602CMX](#)

ON Semiconductor, LLC
SOIC-8



[FAN7930BMX](#)

ON Semiconductor, LLC
SOP-8



[FAN7621BSJX](#)

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SOP-16



[FAN73912MX](#)

ON Semiconductor, LLC
SOIC-16



[FAN3223TMX](#)

ON Semiconductor, LLC
SOIC-8



[FAN7361MX](#)

ON Semiconductor, LLC
SOP-8



[FAN48630UC50X](#)

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WLCSP-16