

MOTIX™ TLE9189 gate driver ICs for BLDC motors
Design support overview

Infineon Technologies
Automotive Smart Power | Motor Control Solutions

MOTIX™ TLE9189 gate driver ICs for BLDC motors
Overview collaterals, software and design tools

Technical documents	Status
Product overview	online
Datasheet*	on request
User manual*	on request
AN: External component failure assessment*	on request
AN: Start up guide*	on request
AN: Hardware design guideline*	on request
AN: Diagnostic in OFF*	on request
AN: Adaptive gate current control*	on request
AN: Simplified internal pin circuit*	on request
AN: Charge pump usage*	on request
Doc: External phase cut off circuit proposal*	on request

www.infineon.com/bldc-motor-gate-driver-ics

* Please consider NDA restrictions for TLE9189 collaterals, software and design tools and contact you regional Infineon sales partner in order to get access to restricted information.

Hardware	Status
Evaluation Kits (+ User Guide)	online

Software*	Status
Complex Device Driver	on request

Design and simulation tools*	Status
Configuration Wizard: TLE9189 GUI (+User Guide)	on request
Configuration Wizard: Gate current settings	on request
PSpice model	on request

Other's*	Status
Safety manual	on request
EMC test report	on request
Power dissipation calculation sheet	on request
CSA accuracy calculation sheet	on request

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