

Motor / Motion / Ignition Controllers & Drivers 3PHASE BRIDGE DRIVR IC

| | |
|---------------|---|
| Manufacturers | Infineon Technologies Corporation |
| Package/Case | 48-VFQFN |
| Product Type | Power Management ICs |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for TLE7188F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE7188F is a high-side and low-side switch for automotive applications, specifically designed to control and drive inductive loads. It is manufactured by Infineon Technologies AG, a leading semiconductor company.

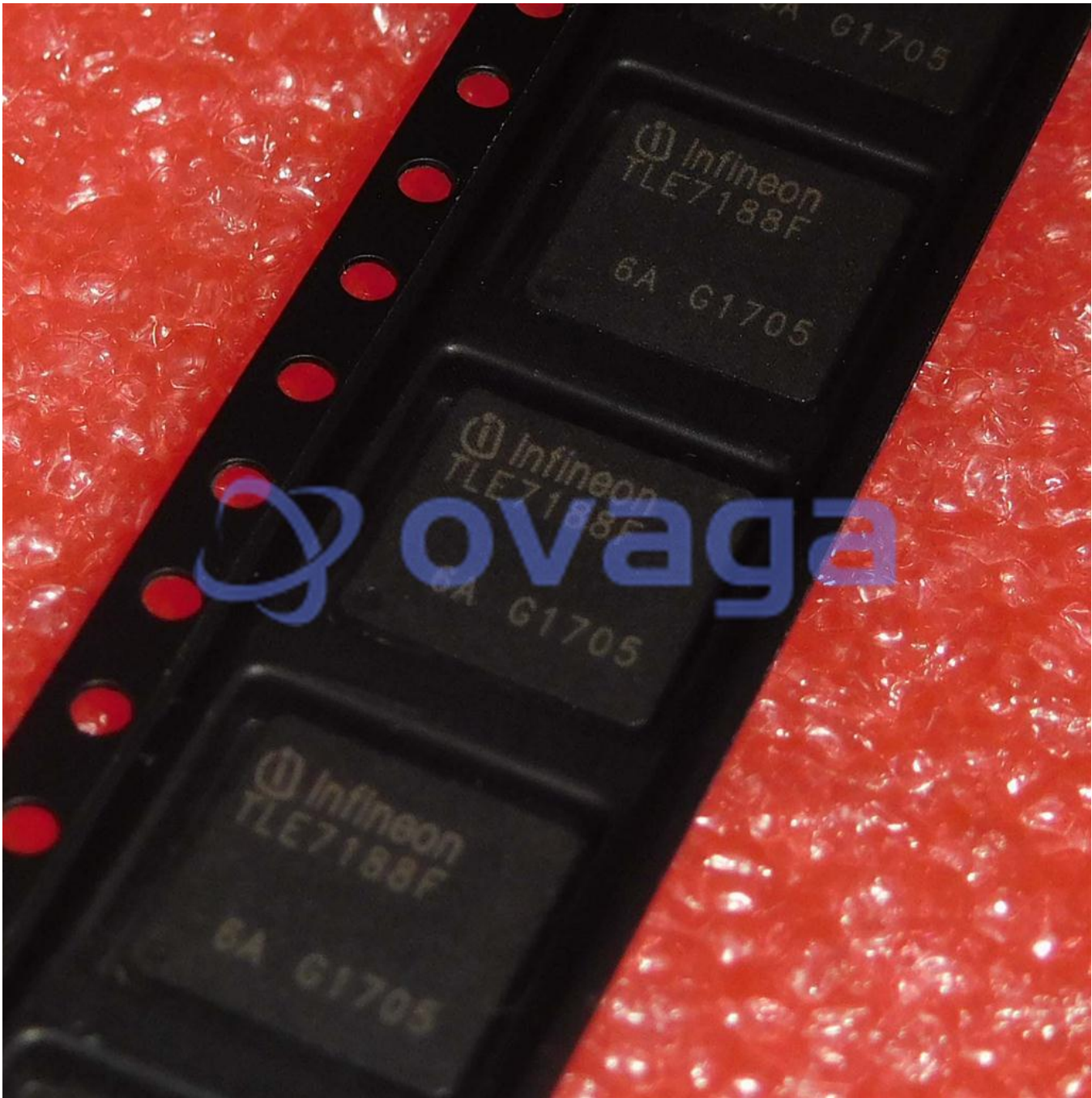
Features

- Dual channel with independent diagnostic feedback for each channel
- Supports PWM and DC operation modes
- Built-in protection features such as overtemperature shutdown and overcurrent protection
- Supports automotive-grade requirements with AEC-Q100 qualification
- Wide supply voltage range from 4.5V to 40V

Application

- Automotive powertrain systems
- Body electronics and lighting systems
- HVAC (heating, ventilation, and air conditioning) systems
- Industrial automation and control systems





Related Products



[TLE4264-2G](#)

Infineon Technologies Corporation
SOT-223



[TLE4266G](#)

Infineon Technologies Corporation
SOT-223



[TLE4726G](#)

Infineon Technologies Corporation
P-DSO-24



[TLE6282G](#)

Infineon Technologies Corporation
SOP-20



[TLE4271-2G](#)

Infineon Technologies Corporation
TO-263



[TLE4208G](#)

Infineon Technologies Corporation
SOP-28



[TLE7182EM](#)

Infineon Technologies Corporation
SSOP24



[TLE8386-2EL](#)

Infineon Technologies Corporation
SOP-14