

DC/DC-Converter (Automotive); Package: P-DSO-36; Comment: Successor: TLE6368G2; VQ (max): 5.0 V, 3.3/2.6 V, 3.3/2.6 V; IQ (max): 1,500.0 mA; Iq (typ): 30.0 μ A; Output: Linear (Buck Preregulator), Linear Regulators - Standard Multi-Volt Processr PWR Supply

Manufacturers	Infineon Technologies Corporation
Package/Case	DSO-36
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TLE6368G1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE6368G1 is a specific integrated circuit (IC) manufactured by Infineon Technologies AG. It is a multi-channel low-side switch designed for automotive applications.

Features

- Four low-side channels, each capable of handling up to 3 A of continuous current
- Overtemperature protection with thermal shutdown
- Active clamping to prevent inductive load spikes
- Short-circuit protection with adjustable current limitation
- Diagnostic feedback for each channel
- Wide operating voltage range (4.5 V to 40 V)
- Low quiescent current (less than 25 μ A per channel)

Application

- Lighting control (e.g., headlights, taillights, interior lighting)
- Motor control (e.g., windshield wipers, HVAC blowers)
- Solenoid control (e.g., fuel injectors, transmission control)



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