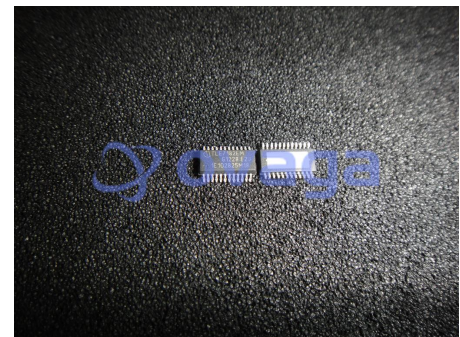


Motor / Motion / Ignition Controllers & Drivers

Manufacturers	Infineon Technologies Corporation
Package/Case	SSOP24
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TLE7182EM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TLE7182EM is a power driver IC for automotive applications manufactured by Infineon Technologies. It is designed for use in controlling various types of loads such as DC motors, inductive loads, and resistive loads. The TLE7182EM is a part of the TLE718x family of devices.

Features

Wide input voltage range: 4.5V to 40V

High output current: up to 5A

High switching frequency: up to 10kHz

Adjustable slew rate control

Integrated protection features: overvoltage, undervoltage, overtemperature, short-circuit, and overcurrent protection

Application

Body control modules

Power window controls

Sunroof controls

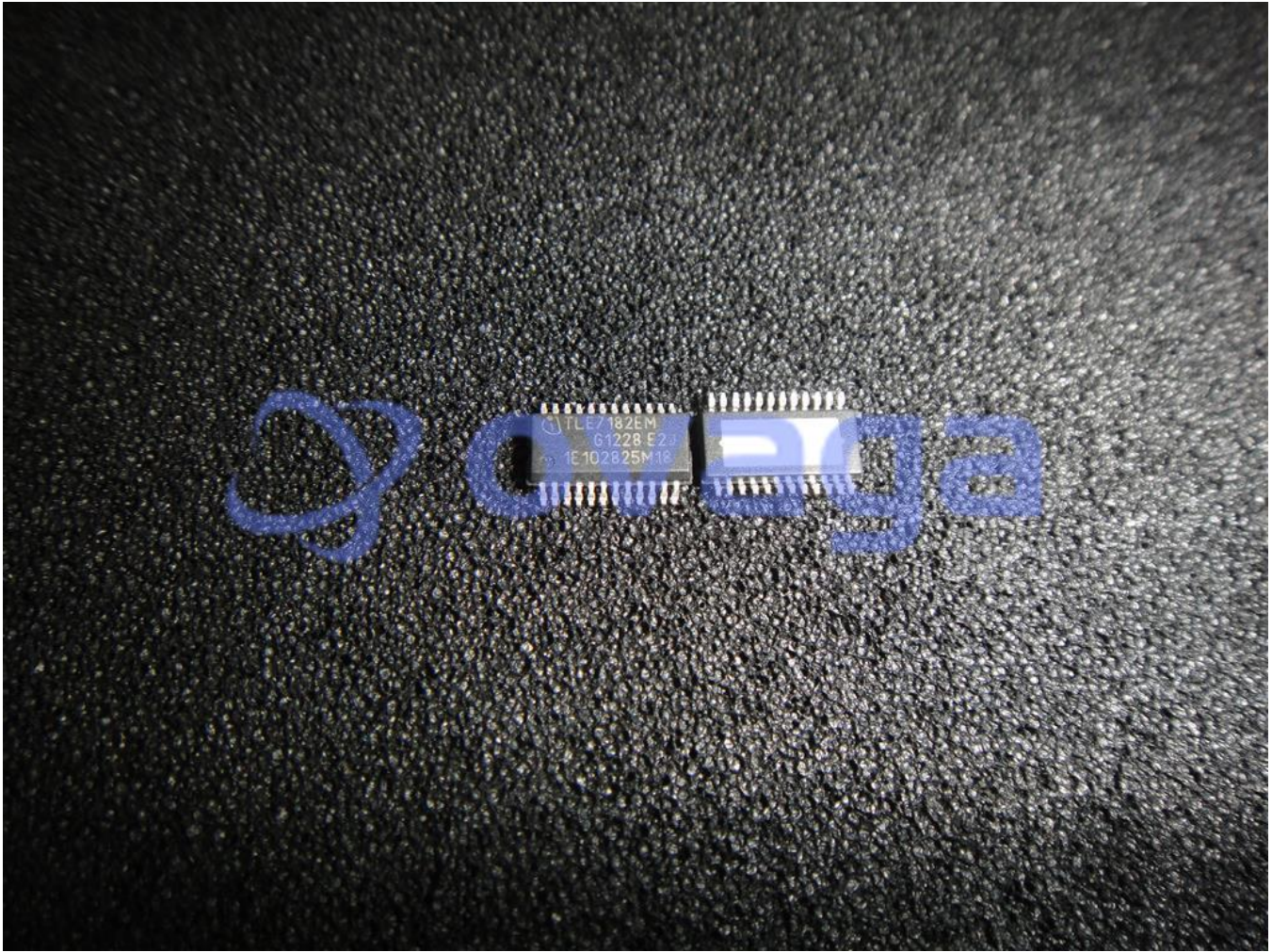
Seat controls

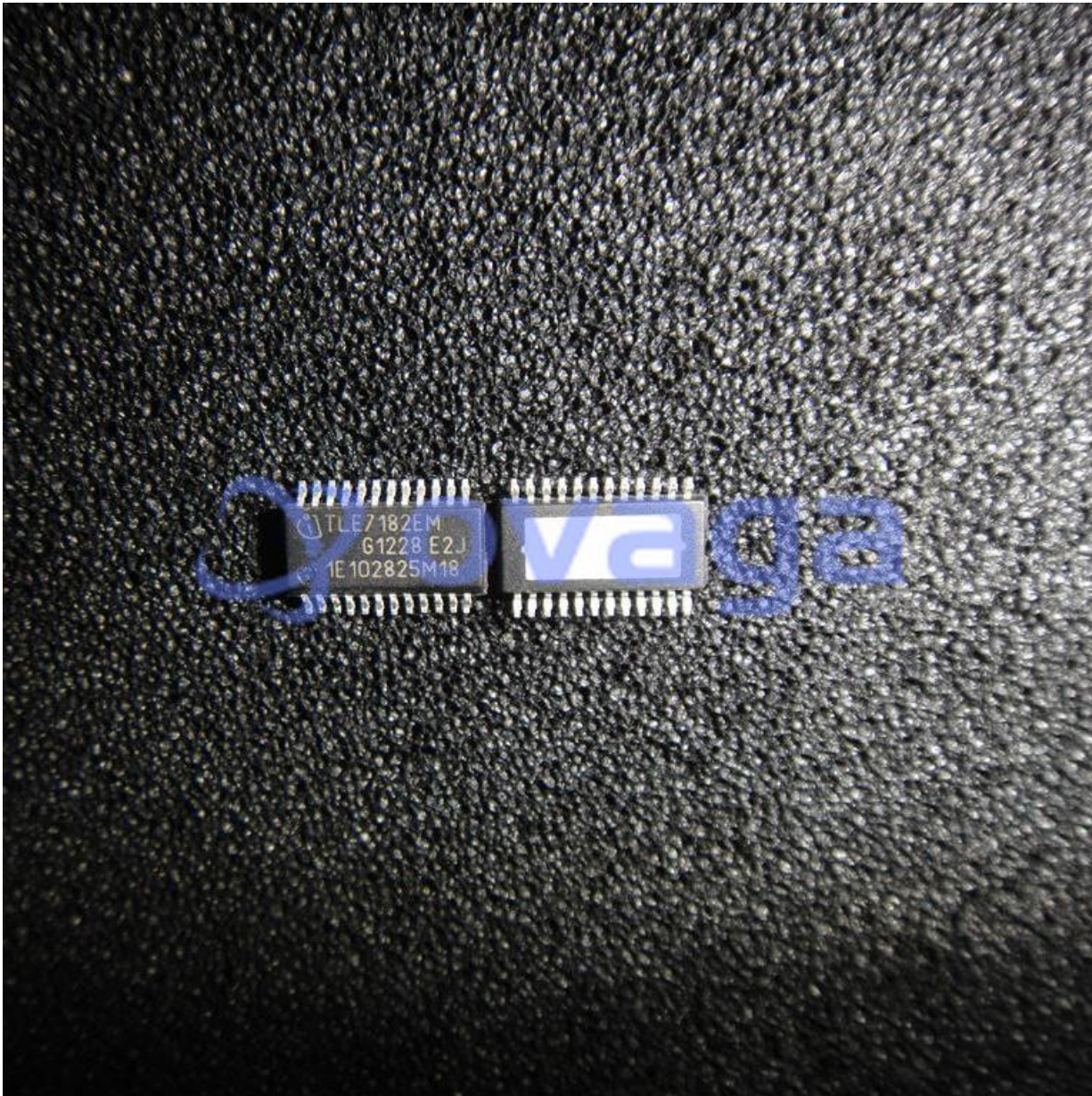
HVAC controls

Electric power steering

Throttle control

Fuel injection 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



[TLE8386-2EL](#)

Infineon Technologies Corporation

SOP-14



[TLE5205-2G](#)

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