

Manufacturers	STMicroelectronics, Inc
Package/Case	SSOP36
Product Type	Driver ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for VNH7040AY or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

VNH7040AY is a type of automotive-grade high-side driver module designed for controlling DC motors, such as those used in electric power steering, pump, and fan applications.

Features

High output current: up to 40A peak and 20A continuous

Wide input voltage range: from 5.5V to 36V

On-state resistance: 19 mOhm at 25°C

Integrated protection functions: overcurrent, overtemperature, undervoltage lockout, and cross-conduction protection

Compatible with 3.3V and 5V logic inputs

Application

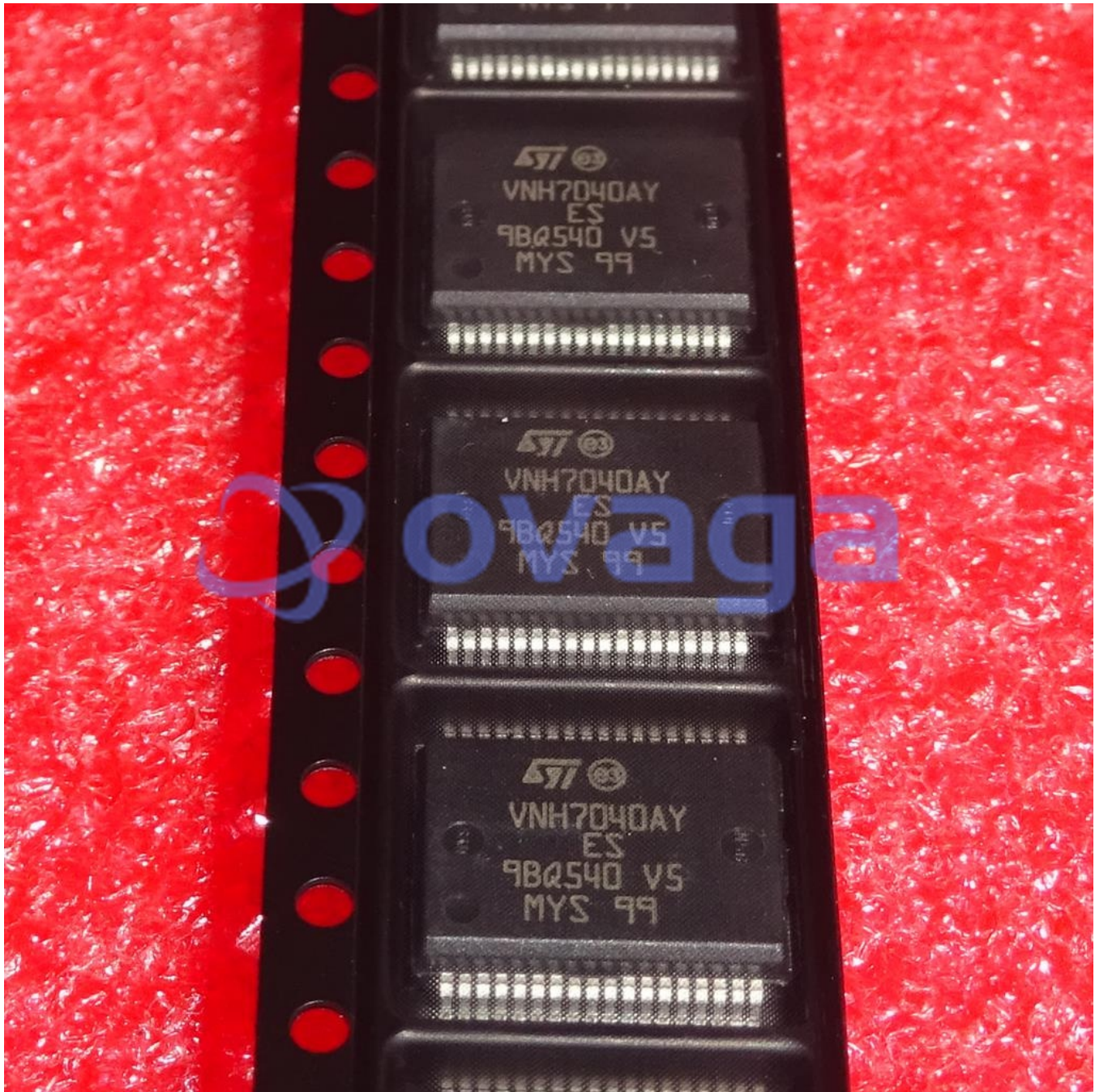
Electric power steering

Engine cooling fans

Water pumps

Hydraulic pumps

Air conditioning blowers



Related Products



[TDA8174A](#)

STMicroelectronics, Inc
ZIP-11



[VB029SP](#)

STMicroelectronics, Inc
SOP-10