

Design support overview
MOTIX™ TLE9954QSW40-33 motor control SiP – System-in-Package with integrated MOSFETs

Infineon Technologies

Automotive Smart Power | Motor Control Solutions

Public

MOTIX™ TLE9954QSW40-33
Overview collaterals, software and design tools

Technical documents	Status
Product Overview	Online
Datasheet	On request[1)]
User Manual	On request[1)]
Firmware Reference Manual	On request[1)]
HW Design Guideline	Q3 2026
Safety Documentation	On request[1)]

Software	Status
SDK incl. **Low-Level Driver** for TLE995x peripherals and getting started examples	On request[2)]
Field Oriented Control SW, supports configuration of runtime and static parameters to fit to various motors	On request[2)]
12-step **block commutation SW**	On request[2)]

www.infineon.com/tle9954qs

Boards	Status
Evaluation kit	Online
150W Water Pump Reference Design	Online
Mini Comfort Motor Control Reference Design	Online

Design and simulation tools	Status
Device Configurator	Online
Simulation Models	Q3 2026
BSL Tool	Online
Infineon Automotive Power Explorer	Online
Solution Designer	Online
Memory Analyzer	Online

1) Available via myInfineon Collaboration Platform (myICP); please contact your regional Infineon sales partner in order to get access to restricted information
2) Available via Infineon Developer Center (IDC)

Copyright © Infineon Technologies AG 2026. All rights reserved.

Access to myInfineon Collaboration Platform (myICP) and MOTIX™ TLE9954QSW40-33 documentation

Direct access
for registered users:
Click here!

myInfineon Collaboration Platform, otherwise known as the myICP is a portal through which you can access all the documentation related to Infineon's products. While most documentation is accessible via Infineon's website, confidential documents requiring Non-Disclosure Agreements (NDAs) from customers can be accessed from myICP.

How can I get access to exclusive documentation?

Step 1:
Register to our myInfineon platform

1. Sign up here
2. Type in the necessary information in the registration form.
3. Activate your account by clicking on the link in the e-mail sent to you.

Step 2:
Become a promoted user in myInfineon

Please **ask your Infineon sales representative** to send the promotion request on your behalf. This will ensure maximum visibility on documents.

Step 3:
Get access to the required documents

Once your access has been set up, you will receive confirmation from us.

Copyright © Infineon Technologies AG 2026. All rights reserved.


Infineon