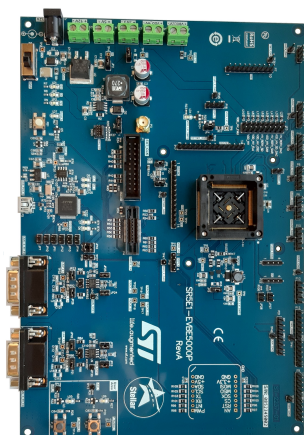


## SR5E1E5 Stellar E1 QFP144 evaluation board



### Features

- Socket based evaluation board for SR5E1E5 Stellar E1 in a QFP144 automotive MCU
- High-resolution timers connector
- DAC, SAR-AD and SD-ADC connectors
- CAN-FD ports with DB9 connector
- LIN, UART, I<sup>2</sup>C and SPI capabilities

### Description

The **SR5E1-EVBE5000P** is the evaluation board of the SR5E1E5 Stellar E1 automotive MCU in a QFP144 package enabling the access to all the functionalities of the product.

Being based on socket, it can be the best solution to start prototyping any automotive application, such as OBC, DCDC, motor control and many more.

The board provides high-resolution timers, DAR, SAR-ADC and SD-ADC connectors to easily test control loop applications exploiting the efficiency of the Stellar E1 MCU.

The board provides FDCAN channels, LIN, UART, I<sup>2</sup>C and SPI standard communication interface, as well as LED and buttons for user controls.

ST's StellarStudio, an Eclipse-based integrated development environment, provides a comprehensive framework to design, build, and deploy embedded applications. StellarStudio is available for free download from [www.st.com](http://www.st.com) and includes multiple free application examples ready to use on the SR5E1-EVBE5000P board.



#### Product status link

[SR5E1-EVBE5000P](#)

#### Product summary

Order code	SR5E1-EVBE5000P
Reference	SR5E1E5 evaluation board
Package	TQFP144

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
18-Jun-2025	1	Initial release.
09-Jul-2025	2	Removed watermark ST restricted. Minor text changes.

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