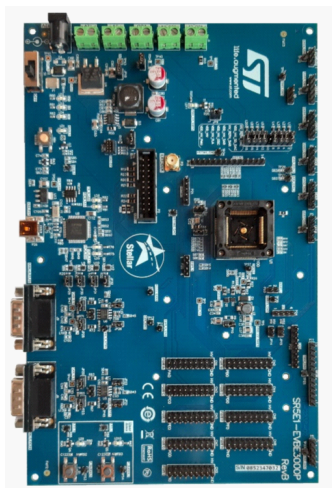


SR5E1E3 Stellar E1 eTQFP100 evaluation board



Features

- Socket based evaluation board for SR5E1E3 Stellar E1 in an eTQFP100 automotive MCU
- High-resolution timers connector
- DAC, SAR-AD, and SD-ADC connectors
- CAN-FD ports with DB9 connector
- GPIO pin arrays
- LIN, UART, I²C, and SPI capabilities

Description

The **SR5E1-EVBE3000P** is the evaluation board of the SR5E1E3 Stellar E1 automotive MCU in an eTQFP100 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, DC-DC, 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, I²C 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 and includes multiple free application examples ready to use on the SR5E1-EVBE3000P board.



Product status link

[SR5E1-EVBE3000P](#)

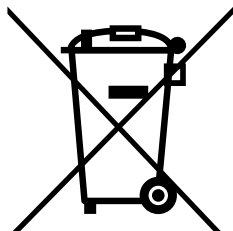
Product summary

Order code	SR5E1-EVBE3000P
Reference	SR5E1E3 evaluation board
Package	eTQFP100

1 Product disposal

Disposal of this product: WEEE (Waste Electrical and Electronic Equipment)

(Applicable in Europe)



This symbol on the product, accessories, or accompanying documents indicates that the product and its electronic accessories must not be disposed of with household waste at the end of their working life.

To prevent possible harm to the environment and human health from uncontrolled waste disposal, separate these items from other types of waste and recycle them responsibly at a designated collection point to promote the sustainable reuse of material resources.

Household users:

Contact the retailer that you purchased the product from or your local authority for details of your nearest designated collection point.

Business users:

Contact your dealer or supplier for further information.

Revision history

Table 1. Document revision history

Date	Revision	Changes
18-Jun-2025	1	Initial release.
03-Aug-2026	2	Updated confidentiality level from "ST restricted" to "Public". Added Section 1: Product disposal . Minor text changes.

IMPORTANT NOTICE – READ CAREFULLY

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice.

In the event of any conflict between the provisions of this document and the provisions of any contractual arrangement in force between the purchasers and ST, the provisions of such contractual arrangement shall prevail.

The purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgment.

The purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of the purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

If the purchasers identify an ST product that meets their functional and performance requirements but that is not designated for the purchasers' market segment, the purchasers shall contact ST for more information.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2026 STMicroelectronics – All rights reserved