Brief Description

The IDT AS-Interface Programmer provides support for newcomers and experienced users for implementing IDT's AS-Interface ICs.

An easy-to-use graphical user interface allows control of the AS-Interface functionality; e.g., EEPROM programming, telegram-by-telegram debugging for AS-Interface networks, and configuration or reading of the digital parameter port and input/output ports.

An actual AS-Interface network can also be controlled digitally via a graphical interface.

Available Support

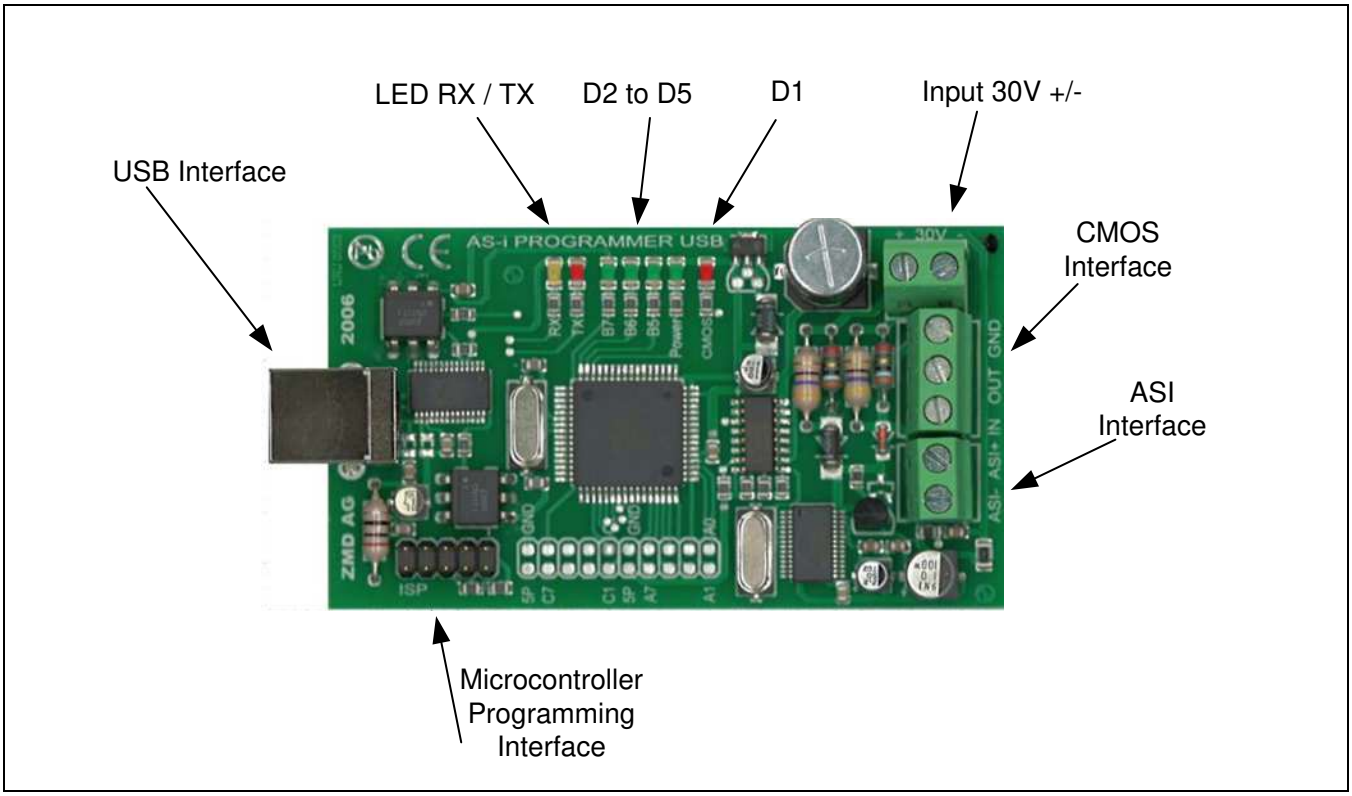
- Evaluation Kits
- User Manual
- Application Notes

Features

- EEPROM programming for IDT's AS-Interface products: ASI4U, SAP5, A^{2}SI-Light* and A^{2}SI*
- Integrated AS-Interface power generation
- Static AS-Interface network evaluation and configuration
- Control of the AS-Interface Programmer by the open serial protocol
- Setup and test of AS-Interface modules

Benefits

- Enables initial development with a comparatively low budget
- Graphical user interface enables an easy visual analysis and configuration



* Note: The A^{2}SI-Light and A^{2}SI products are discontinued.

© 2019 Renesas Electronics Corporation

Ordering Information

Product Sales Code	Description
AS-Interface Programmer Kit USB #3600100147	AS-Interface Programmer Kit for detailed laboratory evaluation: Controller Board, USB cable; software is available for download from the www.IDT.com/ASI-PROG-KIT page with a free customer login (see related data sheet for details).
ASI4U Evaluation Board V2.0 #3600100143	ASI4U Evaluation Board V2.0 demonstrates an ASI4U reference design and illustrates simple application circuits.
SAP5 Evaluation Board V2.0 #3600100144	SAP5 Evaluation Board V2.0 demonstrates an SAP51 / SAP5S reference design and illustrates simple application circuits.

IMPORTANT NOTICE AND DISCLAIMER

RENESAS ELECTRONICS CORPORATION AND ITS SUBSIDIARIES (“RENESAS”) PROVIDES TECHNICAL SPECIFICATIONS AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF THIRD-PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for developers who are designing with Renesas products. You are solely responsible for (1) selecting the appropriate products for your application, (2) designing, validating, and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. Renesas grants you permission to use these resources only to develop an application that uses Renesas products. Other reproduction or use of these resources is strictly prohibited. No license is granted to any other Renesas intellectual property or to any third-party intellectual property. Renesas disclaims responsibility for, and you will fully indemnify Renesas and its representatives against, any claims, damages, costs, losses, or liabilities arising from your use of these resources. Renesas' products are provided only subject to Renesas' Terms and Conditions of Sale or other applicable terms agreed to in writing. No use of any Renesas resources expands or otherwise alters any applicable warranties or warranty disclaimers for these products.

(Disclaimer Rev.1.01)

Corporate Headquarters

TOYOSU FORESIA, 3-2-24 Toyosu,
Koto-ku, Tokyo 135-0061, Japan
www.renesas.com

Contact Information

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit www.renesas.com/contact-us/.

Trademarks

Renesas and the Renesas logo are trademarks of Renesas Electronics Corporation. All trademarks and registered trademarks are the property of their respective owners.

© 2026 Renesas Electronics Corporation. All rights reserved.