



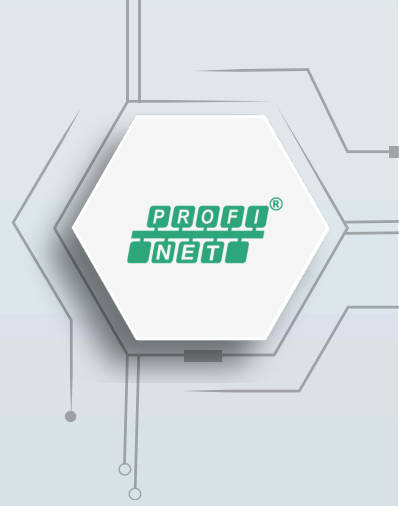
TMGTE

PROFINET DEVICE
SOFTWARE



PROFI[®]
NET

PROFINET DEVICE

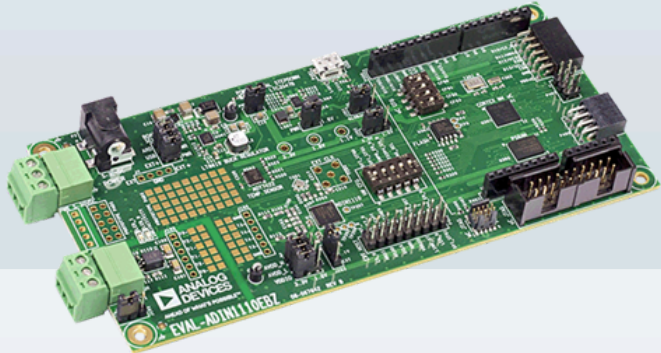


- PROFINET Device Stack
- Integration Services
- Respectively for factory and process automation
- Conformance Test Services

Our PROFINET Device Stack can be used to realize simple devices like IO modules up to high performance devices like drives. The stack is highly portable and can therefore be used on a wide variety of platforms. Option packages such as IRT (Conformance Class C), system redundancy, security and IO-Link integration make the solution scalable.

- Compliant with the latest PROFINET specification
- Certified with conformance class A, B, B (PA) and C
- Small Footprint
- Easily portable to many platforms
- Includes LLDP and MRP client
- Portable to many real-time operating systems such as Free RTOS, embOS, TI-RTOS, Linux (with real-time patch)
- Hardware: Compatible with many 32-bit microprocessors such as Rx, RZ/N, STM32, Sitara AM2x,3x,4x,6x
- Supports PROFINET over APL (Advanced Physical Layer)
- Option packages available for:
 - Security Class 1
 - System redundancy (S2) and dynamic reconfiguration
 - IRT (Conformance Class C)
 - IO-Link integration





PROFINET over APL – Reference Integration

- On Analog Devices EVAL-ADIN1110
- On Analog Devices Round board
- Compliant with the latest PROFINET specification
- Conformance Class B (PA)
- System redundancy S2
- Dynamic reconfiguration
- Security Class 1



For PROFINET over APL a reference integration for the APL (Advanced Physical Layer) with the ADIN1110 (10BASE-T1L MAC-PHY) from Analog Devices is available to simplify the start of the development and to save time to market.



- with the STM32L455QII3P or MAX 32690 and ADIN1110 on evaluation boards from Analog Devices
- with Example application of TMG TE with GSD and GSDX
- FreeRTOS is used as operating system
- LwIP is used as TCP/IP and SNMP stack

TMGTE

TMG TECHNOLOGIE MANAGEMENT GRUPPE
Technologie und Engineering GmbH (TMG TE)
Zur Gießerei 10
76227 Karlsruhe
Germany



+49 721-82806 0



info@tmgte.de



sales@tmgte.de



www.tmgte.com

