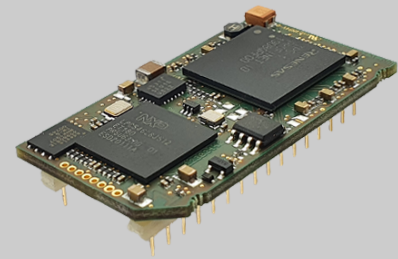


UNIGATE[®] IC2

The fast Embedded Module

32 DIL
ARM Cortex-M4 Controller
Norm compliant
Certified

Programmable
Designed & manufactured in Germany



Data sheet

Complete PROFINET IO Device interface (Slave)

100 Mbit/s full duplex

32-Bit Microprocessor for fast response time

Isolated PROFINET interface

2 port execution with integrated switch (e. g. for daisy chaining)

Up to 1024 bytes input- and 1024 bytes output data

UART up to 7,5 MBaud

SPI-Bus transfer rate in Master mode: 12 Mbit/s

SPI-Bus transfer rate in Slave mode: 10 Mbit/s

Technical data

Dimensions (WxDxH in mm)	45 x 25 x 8
Voltage supply	3,3V
Housing	32 DIL
Weight	approx. 10 g
Current consumption	max. 460mA
Ambient temperature	-40°C up to 70°C
Storage-/Transport temperature	-40°C ... +100°C
Fieldbus functions	All specified PROFINET functions
Interfaces	2x UART, 1x SPI/Syn. serial
Technology	32-Bit-Processor
Certification	PI (precertified)

Order data

Order designation	Description	Order number
UNIGATE IC2-PN-3,3V 2Port without transformer	All-In-One-Single-Chip-Interface für PROFINET I/O-RT 2Port - 3,3V, ohne Übertrager	V4473