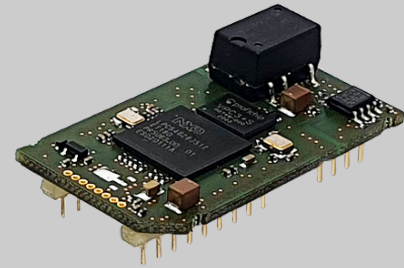


UNIGATE[®] IC2

The fast Embedded Module

32 DIL Programmable
ARM Cortex-M4 Controller Designed & manufactured in Germany
Norm compliant
Certified



Data sheet

Complete PROFIBUS DP Slave interface

Automatical baud rate recognition (9600 bit/s - 12 Mbit/s)

DPV0, DPV1 und DPV2 supported

Isolated PROFIBUS interface

Generic GSD file

Up to 244 Bytes input- and 244 Bytes output (total data length 488 Bytes)

UART up to 6 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 13
Voltage supply	3,3V
Housing	32 DIL
Weight	ca. 9 g
Current consumption	Typ. 240mA (for 3,3V), max. 280mA (for 3,3V)
Ambient temperature	-40°C up to +85°C (Industrial temperature range)
Storage-/Transport temperature	-40°C ... +100°C
Fieldbus functions	All specified PROFIBUS DPV1 Slave functions
Interfaces	2x UART, 1x SPI, 1x Syn. serial
Technology	ASIC
Certifications	PROFIBUS (precertified)

Order data

Order designation	Description	Order number
UNIGATE IC2-PBDP	UNIGATE IC-PROFIBUS DP - 3,3 V	V4448