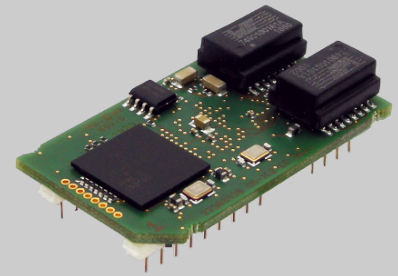


# UNIGATE<sup>®</sup> IC2

The fast Embedded Module

32 DIL  
ARM Cortex-M4 Controller  
Norm compliant  
Certified

Programmable  
Designed & manufactured in Germany



## Data sheet

CoE (CANopen over Ethernet) supported

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100 Mbit/s full duplex

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Isolated EtherCAT interface

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Up to 512 Bytes input- and 512 Bytes output data

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UART up to 6 MBaud

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

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

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## Technical data

Dimensions (WxDxH in mm)	45 x 25 x 8 45 x 25 x 11 (without transformer)
Voltage supply	3,3V
Housing	32 DIL
Weight	approx. 10 g
Current consumption	Typ. 230mA
Operating temperature	Industrial temperature range -40°C up to +85°C
Storage-/Transport temperature	-40°C ... +100°C
Fieldbus functions	CANopen over Ethernet (CoE)
Interfaces	2x UART, 1x SPI/Syn. serial
Technology	ASIC

## Order data

Order designation	Description	Order number
UNIGATE IC2 EC - 3,3V	All-In-One Single-Chip Interface for EtherCAT, Version 3,3V	V4394
UNIGATE IC2 EC - 3,3V without transformer	All-In-One Single-Chip Interface for EtherCAT without transformer, Version 3,3V	V4396