

UNIGATE[®] IC2

The fast Embedded Module

32 DIL

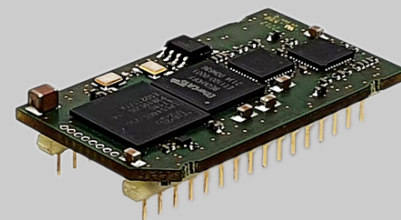
ARM Cortex-M4 Controller

Norm compliant

Certified

Programmable

Designed & manufactured in Germany



Data sheet

CoE (CANopen over Ethernet) supported

100 Mbit/s full duplex

Isolated EtherCAT interface

Up to 1024 Bytes input- and 1024 Bytes output data

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 8
Voltage supply	3,3V
Housing	32 DIL
Weight	approx. 10 g
Current consumption	max. 250mA
Ambient temperature	-40°C up to +70°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 without transformer	All-In-One Single-Chip Interface for EtherCAT - 3,3V, without transformer	V4396