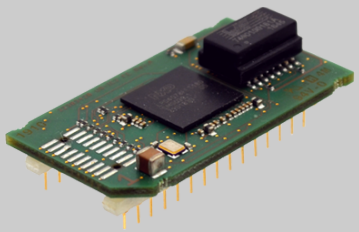
UNIGATE® IC2

The fast Embedded Module

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



Data sheet

Complete Modbus TCP interface

10/100 Mbit/s

Isolated Ethernet interface

IT-Functions: Web server, FTP server

Up to 1540 Bytes input- and 1540 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 45 x 25 x 11 (without transformer)
Voltage supply	3,3V
Housing	32 DIL
Weight	approx. 9 g
Current consumption	Typ. 200mA (at 3,3V), max. 210mA (at 3,3V)
Ambient temperature	-40°C up to +70°C
Storage-/Transport temperature	-40°C ... +100°C
Protocols	UDP, TCP, Modbus TCP, HTTP, FTP
Interfaces	2x UART, 1x SPI, 1x Syn. serial
Technology	Microprocessor

Order data

Order designation	Description	Order number
UNIGATE IC2-FE, 3,3V (Modbus TCP, TCP/IP,...)	All-In-One Single-Chip Interface for Modbus TCP, Version 3,3V	V4360
UNIGATE IC2-FE, 3,3V (Modbus TCP, TCP/IP,...) without transformer	All-In-One Single-Chip Interface for Modbus TCP, Version 3,3V without transformer	V4395