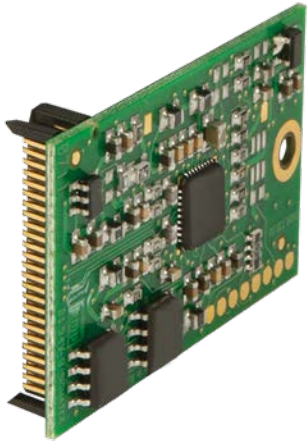


VARAN Client Board VEB 013-SPI



This client board is used to easily equip any periphery device with the VARAN bus.

Data can be exchanged over alternating buffer and DPRAM.

Environmental Conditions

Storage temperature	-20 ... +85 °C
Operating temperature	0-70 °C (according to component specifications)
Humidity	0-95 %, non-condensing
EMC stability	the EMC stability has to be tested separately in the complete system for each application.
Shock resistance	150 m/s ²

Performance Data

Internal memory	serial 4-Mbit Flash
Interfaces	1x VARAN In 1x VARAN Out 1x Periphery interface
Connection to periphery device	50-pin board-to-board plug connector (type ERNI Microstac, order Nr. 114713) 12-pin Board-to-Board plug connector (type ERNI Microstac, order Nr. 114712)

Electrical Requirements

Internal power supply (VDD)	typically +3.3 V DC (±4 %) (Provided from the periphery module over a 50-pin connector)
Current consumption of voltage supply	minimum 250 mA (depending on the external circuit)

Article Number and Miscellaneous

Article number	16-081-013-SPI
Hardware version	1.x