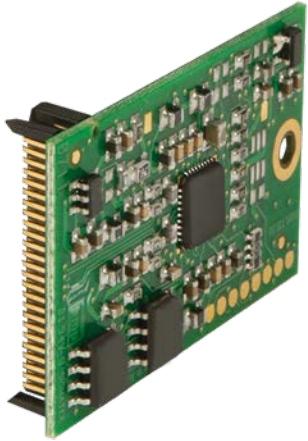


VARAN Client Board VEB 011-SPI



This client board is used to easily equip any periphery device with the VARAN bus. Data can be exchanged over an 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 (client) 1x periphery interface
Connection to periphery device	via 50-pin board-to-board plug connector, 0.8 mm spacing (type ERNI Microstac, order Nr. 114713)

Electrical Requirements

Internal power supply (VDD)	typically +3.3 V DC (±4 %) (provided by the peripheral device via 50-pin plug connector)
Current consumption of voltage supply	minimum 250 mA (depending on the external circuit)

Article Number and Miscellaneous

Article number	16-081-011-SPI
Hardware version	1.x