

LAN9252 - EtherCAT Slave Controller evaluation kit with SAMD51 Microcontroller



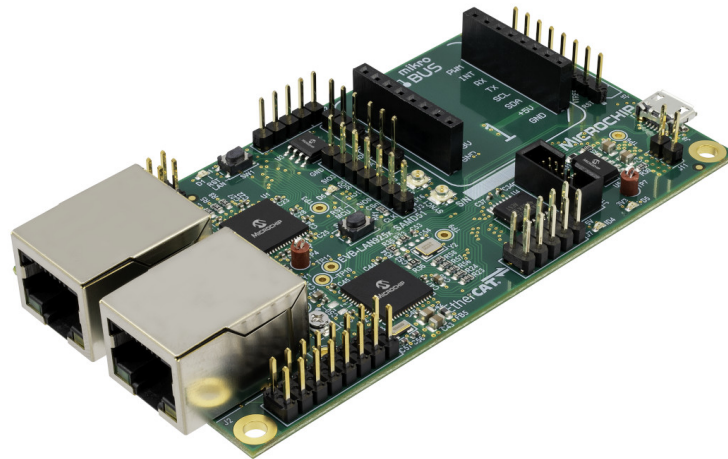
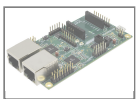
Part Number: EV44C93A

Summary:

EVB-LAN9252-D51 allows engineers to develop using the LAN9252 ESC together with a Cortex M4F Microcontroller. Peripherals are provided on board with expansion via the popular mikroBUS Click Board™ interface. This hardware is fully supported within the Microchip Harmony Framework.

Applications: Industrial control, Motor Drives, HVAC, Environmental monitoring, Power

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Product Features

Headline features

- LAN9252 EtherCAT Slave Controller w/integrated PHYs
- SAMD51 Cortex M4F Microcontroller
- EtherCAT Technology Group (ETG) Conformance Tested
- Supported within the Microchip Harmony Framework

Peripherals

- Dual Integrated Physical Interfaces (EtherCAT IN / EtherCAT OUT)
- 16 GPIO
- UART
- mikroBUS Click Board™ interface
- EtherCAT RUN & EtherCAT ERROR LEDs
- EtherCAT distributed clock, Sync0 & Sync1 signals



