

# LAN9253 - EtherCAT Device Controller evaluation kit with SAMD51 Microcontroller



Part Number: EV50P30A

## Summary:

EVB-LAN9253-D51 allows engineers to develop using the LAN9253 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. A identical board is available that carries LAN9252. Between these two platforms a user can observe pin

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## Product Features

### Headline features

- LAN9253 EtherCAT Device 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

