



Part Number: EV50P30A

EVB-LAN9253 ETHERCAT DEVICE CONTROLLER EVALUATION KIT WITH SAMD51 MICROCONTROLLER ☆

- 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

Overview

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 compatibility and a migration path from LAN9252 towards LAN9253.

Package Contents

EVB-LAN9253-D51 Board