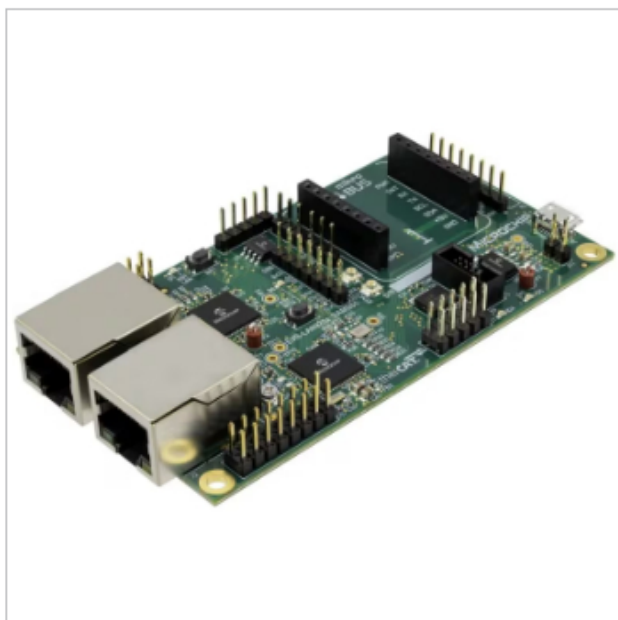




All

Enter keyword, item, model or part #

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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

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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.

Applications:

Package Contents

EVB-LAN9253-D51 Board

All Application Notes

Documentation

Title ⓘ		
EVB-LAN9253-SAMD51 - BOM	Download	☆
EVB-LAN9253-SAMD51 - Altium Design Files	Download	☆
EVB-LAN925X-SAMD51-Gerbers	Download	☆
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Software

Title ⓘ	Date	
MPLAB Harmony EtherCAT Integration	01 Jan 1970	Link
bsps-supporting-evb-lan925x-samd51	01 Jul 2022	Link



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