



LAN9254 - EtherCAT Device evaluation kit with 32 digital IOs



BUY



Part Number: EV57N07A

Summary:

EVB-LAN9254 allows engineers to quickly develop using an EtherCAT slave controller in DIGIO mode - without a microcontroller. 32 separate digital input/output lines are available and configuration is applied via an attached ESI EEPROM.

A footprint also exists for optional fitment of an external MII interface. This enables evaluation of EtherCAT Coupler topologies using

[View More](#)

Documents and Software

Overview

Features

Additional Resources

Related Tools

Documents and Software

Contains

Search term

Documents

EVB-LAN9254-DIGIO Evaluation Board Users Guide	4/6/2021	8MB	☆
EVB-LAN9254-DIGIO-Schematic	6/22/2021	4MB	☆
EVB-LAN9254-DIGIO-Altium-Design-Files	6/22/2021	20MB	☆
EVB-LAN9254-DIGIO-ESI_FILES	6/22/2021	6KB	☆
EVB-LAN9254-DIGIO-BOM	6/22/2021	317KB	☆
EVB-LAN9254-DIGIO ETG Compliance Certificate	6/22/2021	10MB	☆

Product Features

Headline Features

- LAN9254 EtherCAT Slave Controller (ESC) with integrated PHYs
- EtherCAT Technology Group (ETG) conformance tested
- Configuration via attached ESI EEPROM
- 32 Digital IO lines
- Optional MII interface for third port within EtherCAT Coupler applications

Peripherals

- EtherCAT System Information (ESI) EEPROM
- Clock daisy chain
- EtherCAT Distributed Clock (DC) outputs

