

PROFINET

October 2020

SYNC
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2.26.20 @ 16:56

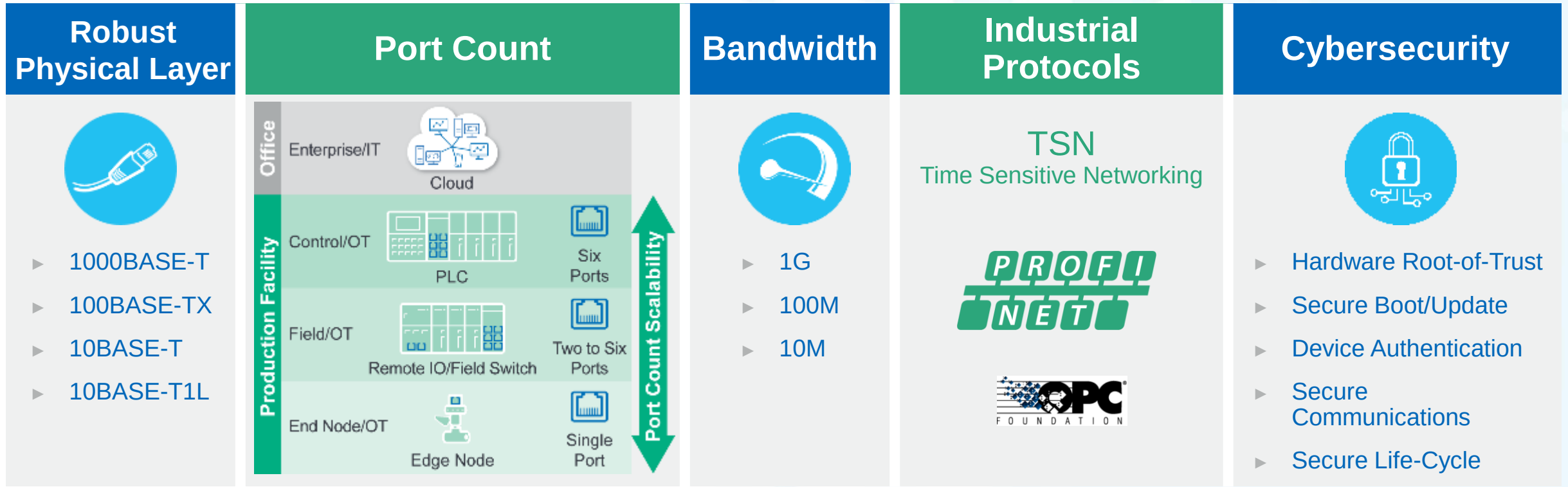
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SYNC
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2.26.20 @ 16:56

ADI Enabling Seamless, Secure Edge-to-Cloud Connectivity

Scalable, Secure Deterministic Ethernet Solutions

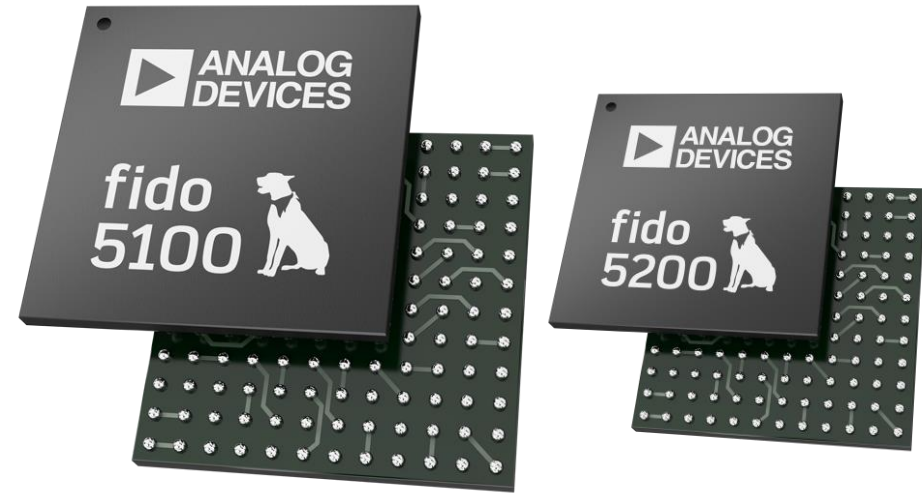


FIDO5100 REM Ethernet Switch for PROFINET

Features & Benefits

- ▶ IEEE 802.3, 10 Mbps/100 Mbps
- ▶ 2 independent Ethernet ports
- ▶ Support for all industrial protocols
- ▶ Host interface transfer rate up to 32 bits per 28 ns
- ▶ PROFINET CC-A, CC-B and CC-C (IRT)
- ▶ PI Net Load Class III capable
- ▶ MRP Support
- ▶ System Redundancy
- ▶ 8 Independent timer signals synchronized with an internal precision timer
- ▶ Forwarding table with aging and learning

Available



Key Benefits

- ▶ PROFINET IRT, System Redundancy, MRP
- ▶ Small Area: 10 mm × 10 mm package
- ▶ Low power: <180 mW

RapID Embedded Reference Design or ADIN2299 Module

Block Diagram

Host Interface

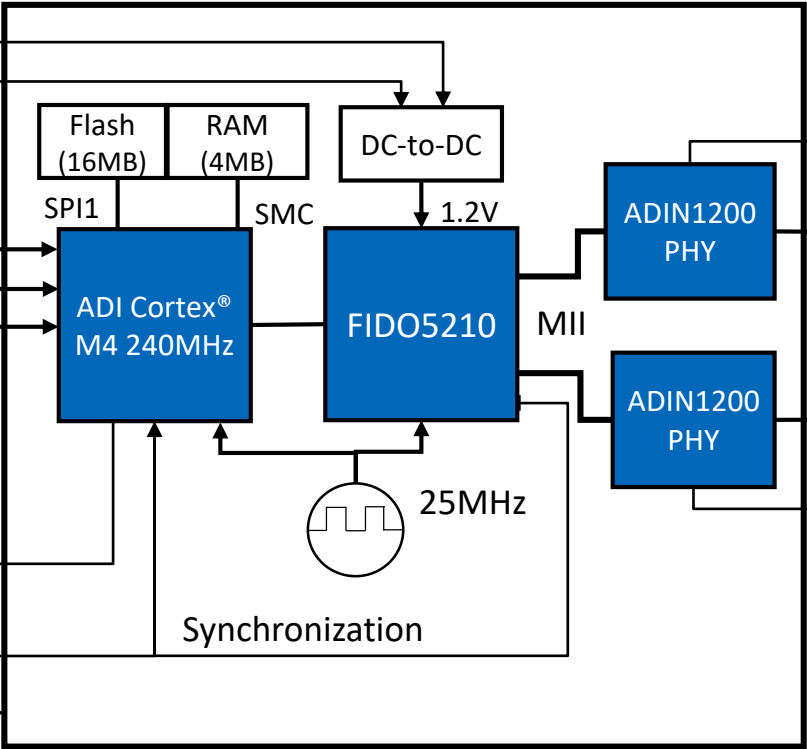
+3.3V
GND

Ethernet
SPI
UART

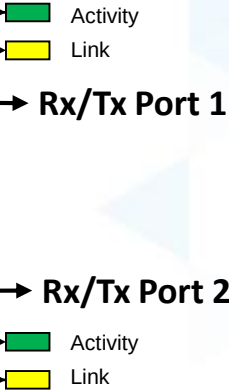
MOD LED
NET LED

SYNC

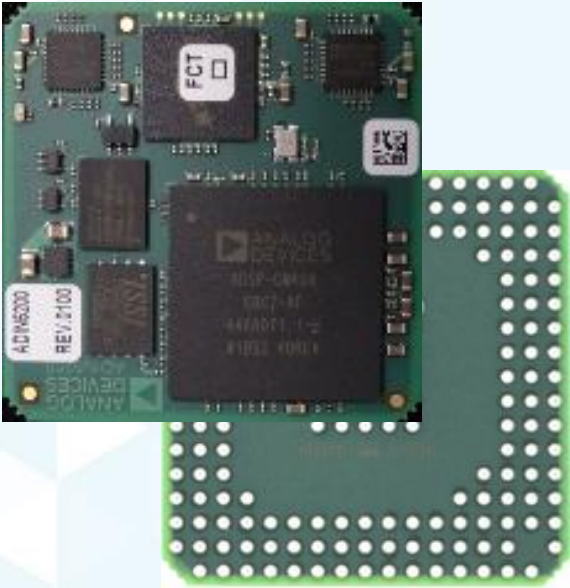
JTAG



Industrial Ethernet Network



Sampling Q4 FY20



Less than 800mW!

**Supports
Multi-protocol**



Save Time

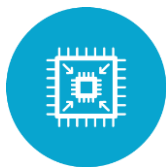
Lower Development

Reduce Risk

Introducing

ADI *Chronous*[™]

Industrial Ethernet Solutions



Physical Layer Devices



Embedded Switches



Platform Solutions



Contact

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ADI Chronous™
SCALABLE ETHERNET TIMED TO PERFECTION

The ADI Chronous logo, featuring a blue square with a white play button icon to the left of the text "ADI Chronous™" in bold blue capital letters.