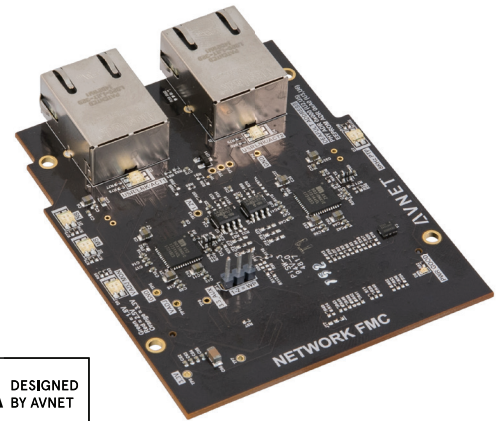# Network FMC

AVNET®
Reach Further™

The Avnet Network FMC Module enables Industrial Ethernet digital communications, which is a key component to Industry 4.0 applications. The module is designed to operate with any Avnet or Xilinx base board that is FMC enabled. Utilizing the dual compatible 10/100/1000 Ethernet PHYs, the Network FMC Module can quickly get you started with Xilinx FPGA and SoC based designs.

FEATURES

- FMC LPC single-width module
- Dual RGMII 10/100/1000 Ethernet PHY
- Dual Ethernet MAC ID EEPROM
- IPMI EEPROM
- Bi-Color Status LEDs
- 3.3V - 1.8V IO Voltage compatibility

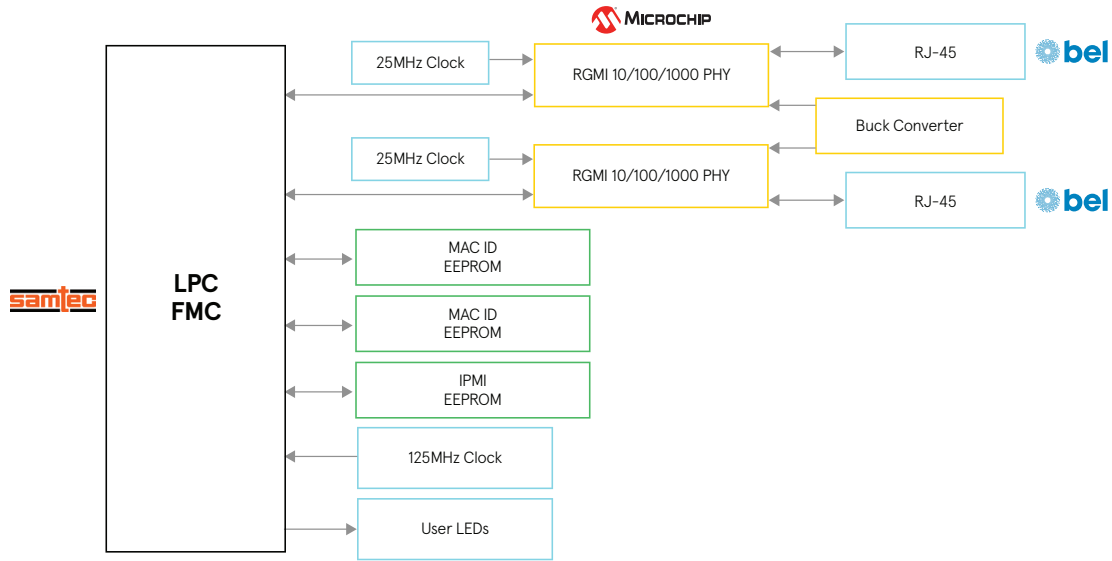To purchase this kit, visit http://avnet.me/fmc-network1

DESIGNED BY AVNET

KIT INCLUDES

- Network FMC Module
- Downloadable Schematics, BOM, and User Guide

TARGET APPLICATIONS

- Industrial Ethernet
- Gigabit Ethernet Switch
- Industrial IoT Gateway
- Hardware Accelerated Router
- Traffic Monitoring
- Time-Sensitive Networking (TSN) Real-Time

BLOCK DIAGRAM

FEATURED MANUFACTURERS

PARTS

Part Number	Description	
AES-FMC-NETW1-G	Dual Gigabit Networking FMC Module	

RELATED PARTS

Part Number	Description	
AES-ZU3EG-1-SOM-G	UltraZed-EG SOM (Extended Temp)	
AES-ZU3EG-1-SOM-I-G	UtraZed-EG SOM (Industrial Temp)	
AES-ZU-IOCC-G	UltraZed IO Carrier Card	

Countries Available for Purchase: Americas, EMEA, Asia, Japan