

Linera FMI-S6 Series FPGA Module with Gigabit Ethernet

GIGABIT ETHERNET SUPPORT

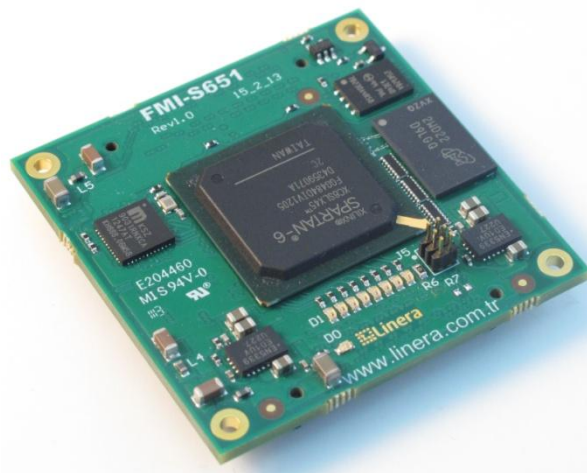
FMI-S6 series modules measure 50mm x 50mm and they are equipped with a Gigabit Ethernet interface.

EASY INTEGRATION

FMI-S6 series FPGA modules can be mounted on a carrier board using 2 high-speed connectors. It requires a single power supply and there are 134 I/O pins available to the end-user.

FLEXIBILITY

The on-board FPGA on FM series modules can be programmed via JTAG or via the on-board Flash.



FEATURES

- 50mm x 50mm board size
- Xilinx Spartan6 LX45 application FPGA (Available also with LX150)
- 2Gbit DDR3 SDRAM (Optional 4 Gbit)
- Gigabit Ethernet support built-in
- Programmable via JTAG or the on-board flash
- Two 100-pin high speed board-to-board connectors to mount on a host-board.
- 134 user I/O signals.
- 8 User LEDs on-board
- Mostly pin-compatible with FMU3-S651 and FM-S651 series
- Breakout board available

APPLICATIONS

- Image processing
- Video processing
- FPGA co-processing
- Data acquisition
- Industrial control
- Semiconductor evaluation
- Digital system prototyping
- Test equipment development

BLOCK DIAGRAM

