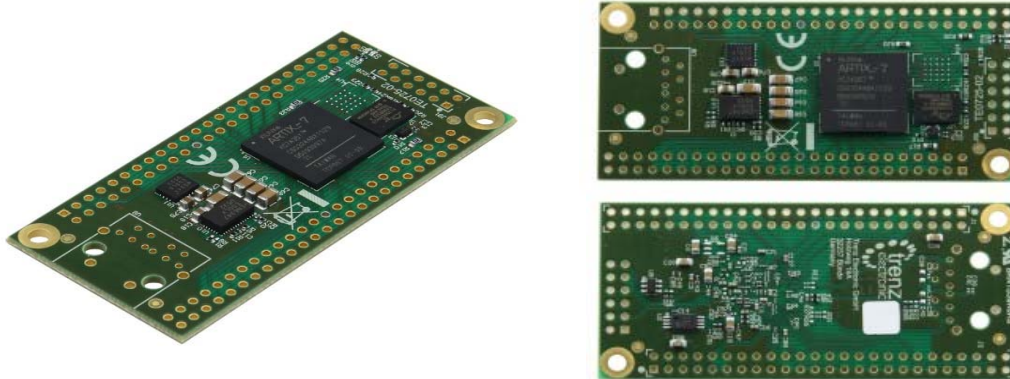# Xilinx Artix-7 2x50 Pin FPGA-Modul with XC7A35T-2CSG324C

**Order number:  TE0725-03-35-2C**



Product information "Xilinx Artix-7 2x50 Pin FPGA-Modul with XC7A35T-2CSG324C"
The Trenz Electronic TE0725-03-35-2C is a low cost small-sized FPGA module integrating a Xilinx Artix-7 35T, 8 MByte HyperRAM and 32 MByte Flash memory for configuration and operation. The 2 x 50 pin header with a 2.54 mm standard pitch fits perfect on a breadboard.

All parts are at least commercial temperature range of 0°C to +70°C. The module operating temperature range depends on customer design and cooling solution. Please contact us for options.

## Key Features
Xilinx Artix-7 XC7A35T-2CSG324C (15T and up to 100T)
commercial temperature grade (industrial on request)
32 MByte Flash memory
64 MBit (8 MByte) HyperRAM
2 x 50 pin headers with 2.54 mm pitch, ideal for breadboard use
87 I/O's (42 + 42 + 3)
100 MHz system clock
I2C EEPROM
3.3V single supply with on board voltage regulators
7.3 x 3.5 cm form factor
JTAG connector
2 LEDs
optional Fiber Optic modul (125/250 or 1000 MBit/s)

# Recommended Software

Vivado HL WebPACK Edition (free Version)
You can find all Xilinx Vivado Versions here.

# Package Content

1x TE0725-03-35-2C Board

*All modules produced by Trenz Electronic are developed and manufactured in Germany.*