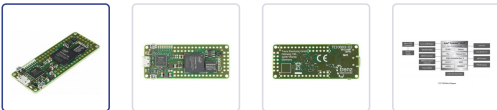
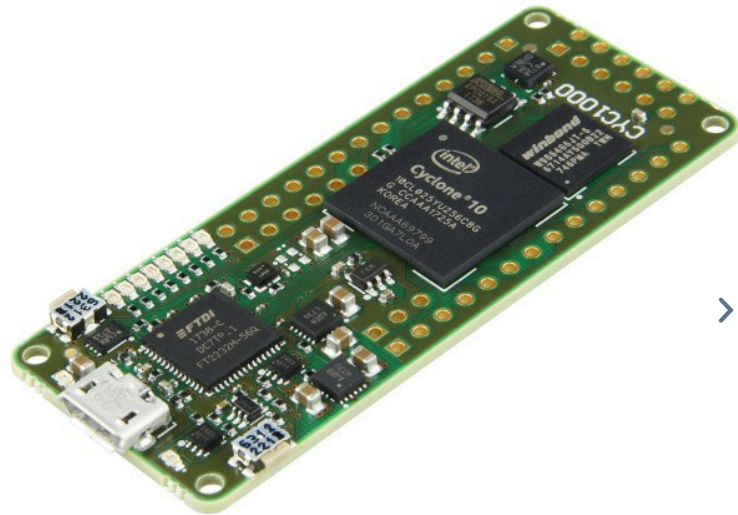


CYC1000 with Cyclone 10 FPGA, 8 MByte SDRAM


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Product information "CYC1000 with Cyclone 10 FPGA, 8 MByte SDRAM"

The Trenz Electronic TEI0003-02 is a small and powerful FPGA module integrating an Intel Cyclone 10 LP FPGA, 8 MByte SDRAM, 2 MByte Flash and a LIS3DH 3-axis sensor.

Key Features

- Intel Cyclone 10 LP FPGA: 25 kLE, 66 Memory blocks (9K), 594 Memory blocks (Kb), 18 x 18 multipliers -> 66
- 8 MByte SDRAM
- 2 MByte Flash (EPCQ16A)
- LIS3DH 3-axis Sensor
- 21 I/O Arduino MKR compatible headers
- Pmod: 2x6 Pin support
- 8 configurable + 2 status LED
- 2 Button (Switch)

Default assembly variant: 10CL025 with 25kLE

Possible variants: 10CL006, 10CL010, 10CL016

Other assembly options for cost or performance optimization plus high volume prices available on request.

Package Content

- 1 x CYC1000 REV02 FPGA module with user manual

Additional Information

- Manufacturer's article number: TEI0003-02
- [Trenz Electronic Wiki CYC1000](#)
- [Support Forum](#)

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

Related links to "CYC1000 with Cyclone 10 FPGA, 8 MByte SDRAM"

- > [Do you have any questions concerning this product?](#)
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