



## Efinity® – disruptive FPGA innovation: taking Titanium to the next level

Dear Mr. Martin,

Efinity® IDE v2023.2 (current version 2023.2.307) is supporting the latest and greatest family members Ti135 / Ti200 / Ti375 in the C529 package.



These devices are integrating a **Quadcore RISC-V** processor with a **system frequency up to 1 GHz with just 0,5 W power consumption**, **fast memory interfaces (LPDDR4)** as well as **Hard MIPI D-PHYs with upto 2.5 Gbit/s**.

These family members will be the first to support fast serial protocols such as PCIe Gen4. According to Efinix CEO Sammy Cheung all key features including 16G Serdes and 1G Quad RISC-V are up and running well!  
Take a deep look into wide open data eyes under [his post](#).

Contact [fpga@trs-star.com](mailto:fpga@trs-star.com) to reserve one of the first eval boards based on the C529 package. For details please refer to the [Ti375 datasheet](#).



[Ti375 datasheet](#)

## T\*Square Education Boards

IMG Nordhausen and TRIS-STAR are developing a series of **T\*Square Education Boards**. These boards come at a very attractive price level and are ideal for

- Rapid prototyping
- Evaluation of Power consumption
- Evaluation of RISC-V based SoCs
- Integrating ADCs and DACs in digital FPGAs

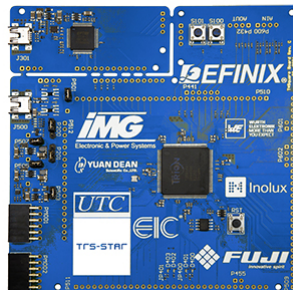
Key features:

- 12 cm x 12 cm
- Programmer on Break-Out Board
- External R-C-circuitry for implementation of Soft-ADCS and DACs
- Type B mini USB port to allow UART communication with the RISC-V Sapphire Soft-Core that can be implemented in the FPGA Core fabric
- Post connectors (included, but not mounted) can be mounted on the top or bottom of the T\*Square education board to connect your own basedboards or daughter cards
- 2 x PMOD connectors for daughter cards



Order now with a 3-5 week leadtime at a promotional price of just 49,99 € (vs. 59,99 € starting May 6th) and be one of the first customers to receive this useful board.

For details please refer to the [description](#) of the board below.



[Product information](#)

## Update Embedded Vision



TRIS-STAR GmbH recently joined forces with Commonlands, a U.S. company specializing in lenses for embedded vision and factory automation. With their deep optics know-how and quality control, Commonlands can support your Embedded Vision project.

Please send an E-Mail to [vision@trs-star.com](mailto:vision@trs-star.com) to schedule a video conference.



[About Commonlands](#)



[Commonlands Product Catalog](#)

## Visiting Embedded World?



Please contact [fpga@trs-star.com](mailto:fpga@trs-star.com) to setup a meeting at Embedded World.

## New to Efinix?

Just use our „Quick Start“ to get your Efinix design started today!



More information:

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