FPGA freedom.
CM4 familiarity.

Bring FPGA capability
to your familiar CM4 form factor.



A first look at TiCM4

What would you build with an FPGA in a CM4-style module?

Based around the Ti125 SIP with 123K logic elements, 288 DSP blocks and 5.9 Mbit of embedded RAM, integrated configuration flash and 2 x 32MB of integrated hyperram.

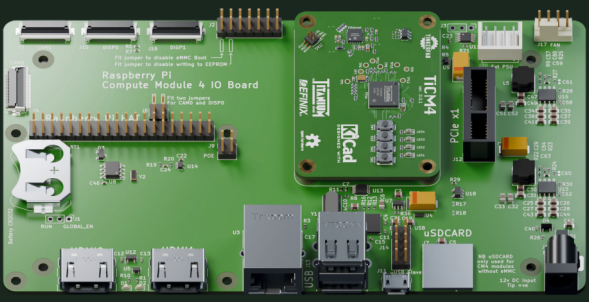
Not a Raspberry Pi clone or a drop-in replacement.
A different playground for your own logic. module
with an onboard Ethernet PHY, buttons, LEDs and JTAG.
Designed in KiCad with a DIY mindset

TINKERFAB

www.tinkerfab.net

Meet the hardware behind the possibilities.

A compact, open-source FPGA platform built for experimentation, development, and custom hardware.



Small module. Serious FPGA power.

123K Logic Elements	288 DSP Blocks
5.9 Mbit Embedded RAM	2.5 Gbps MIPI-Capable I/O
16 nm Low-Power FPGA Architecture	2 x 32 MB Integrated HyperRAM

Powered by the Efinix Titanium Ti125M225S4F4C4 System-in-Package.

Designed to get you building.

Raspberry Pi CM4-style form factor and pinout.
MicroSD card interface. User-programmable buttons and LEDs.
Custom controllers, interfaces, and real-time logic.

Build for
DSP pipelines, audio, imaging, and sensors.

Create custom processors, classic
hardware, and experiments.

Open hardware. Open possibilities.

TiCM4 is being developed as an open-source hardware platform for rapid prototyping and experimentation.

TiCM4

open-source FPGA System-on-Module
built around the Efinix Titanium Ti125 SiP

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