TRACE32 PowerView returns the error "target power fail" and the status line displays "power down"

2025-07-14 - Comments (0) - TRACE32 PowerView

This error indicates that no voltage is detected on the **reference voltage (VTref) pin** of the debug connector. TRACE32 requires this reference voltage to operate correctly.

Checklist to troubleshoot the issue:

- Ensure the target is powered.

- Verify the connection between the debug probe and the target.

    - Ensure the debug cable is correctly connected.

    - If you're using an adapter, check for any possible wiring issues.

- Check the orientation and location of the debug probe.

    - Make sure the connector of the probe is not reversed.

    - If the board has multiple debug connectors, confirm you are using the correct one.

- Measure the reference voltage one on the VTref pin of the debug connector.

- Check the target schematics:

    - Is the VTref pin correctly connected to the target's I/O supply?

    - Is the GND pin properly connected to the board ground?

If the problem persists after these checks, please contact support and provide details about your hardware setup.