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

2026-08-13 - 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.