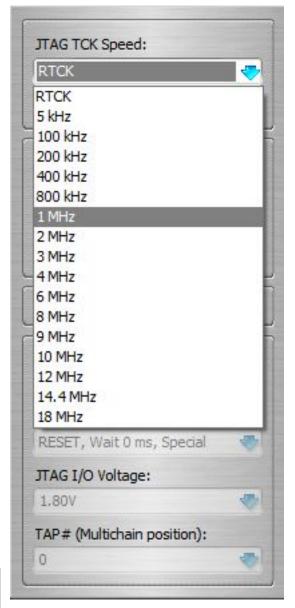
## RIFF JTAG Error codes and troubleshooting ERROR: RAM memory selftest failed.

**ERROR: RAM memory selftest failed.** 

This error can be caused by numerous reasons. In most cases, it's due to bad connection (unstable **NRST signal** line), or RTCK/TCK sampling rate too high.

User should check connection, and adjust RTCK/TCK sampling rate to lower value:

## RIFF JTAG Error codes and troubleshooting





This can be also target device problem. DCC loader upon startup checks target device RAM (if kexternal RAM is used) and in case that selftest fails, it will return this error tasies to was to diagnose this is to run generic DCC loader DLL.

Sample at 60 kHz

Generical Dates was internal MCU SRAM, and in case that You can boot target device with southerns using generic DLL, and with model specific You have this error, it's hardware around lam.

Sample at 400 kHz Sample at 800 kHz

Sample at 1 MHz

Example a HTQ-Desire DLL returns "RAM memory selftest failed." error, while QUALGOMM3QSD8xxx NAND works without errors.

Sample at 4 MHz Sample at 6 MHz

Unique solution ID: #1047

Authoriclegija MHz

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Sample at 10 MHz (c) 2025 Legija <> | 2025-04-03 13:33

Sample at 12 Mrz: https://faq.riffbox.org/content/4/48/en/error-ram-memory-selftest-failed.html

## RIFF JTAG Error codes and troubleshooting

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