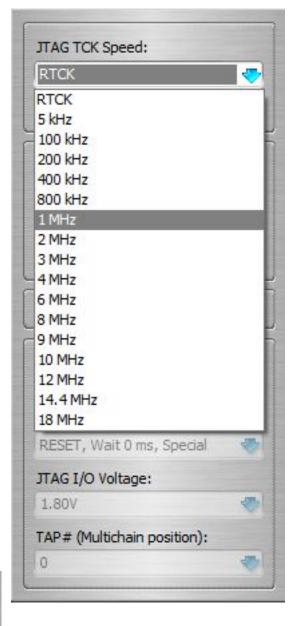
RIFF JTAG Error codes and troubleshooting ERROR: RAM memory selftest failed. ERROR: RAM memory selftest failed.

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



JTAG TCK Speed:	
RTCK	1
Sample at MAX	

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

Sample at 60 kHz Generic Dilles use internal MCU SRAM, and in case that You can boot target device withoutloroblemszusing generic DLL, and with model specific You have this error, it's hardware problem. Sample at 400 kHz Sample at 800 kHz Sample at 1 MHz Example aHTO-Desire DLL returns "RAM memory selftest failed." error, while OUALCOMM OSD8xxx NAND works without errors. Sample at 4 MHz Sample at 6 MHz Unique solution ID: #1047 AuthoriclegijaMHz Page 2 / 3 Sample at 10 MHz (c) 2024 Legija <> | 2024-04-25 08:06 Sample at 12 MirL: https://faq.riffbox.org/content/4/48/en/error-ram-memory-selftest-failed.html 1.80V

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