

RIFF JTAG Error codes and troubleshooting

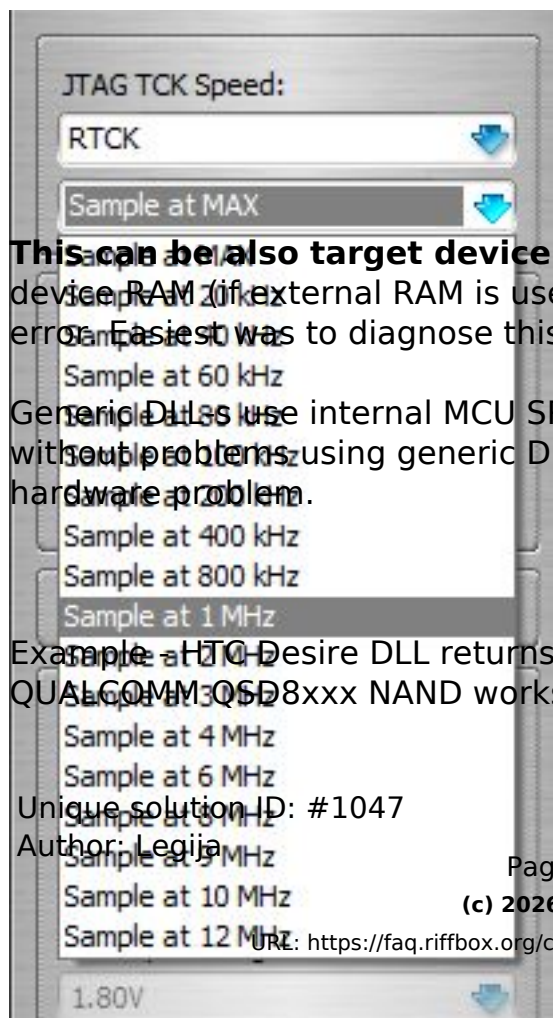
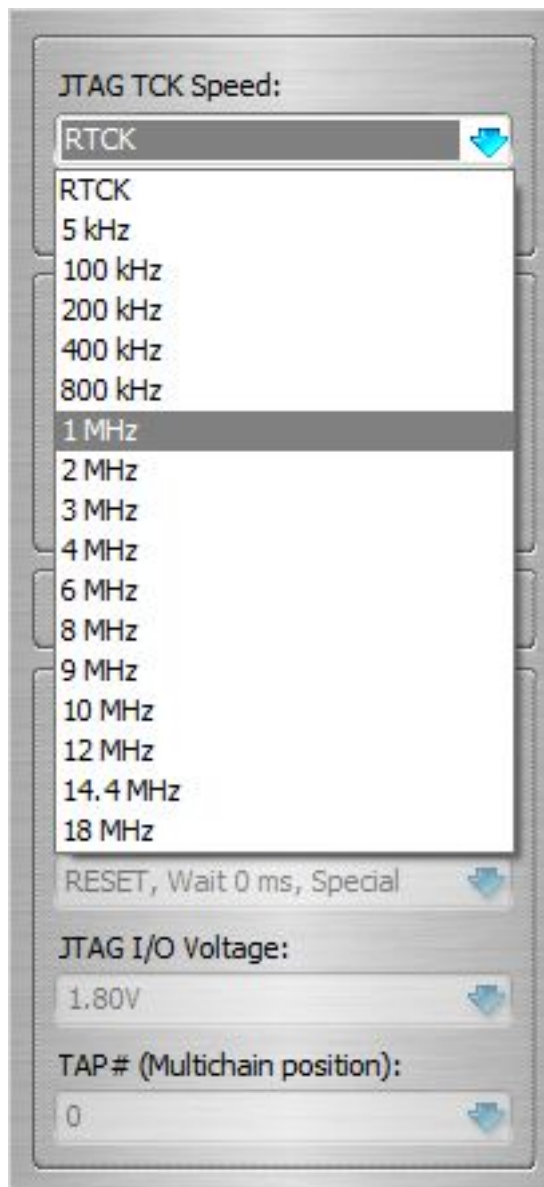
ERROR: RAM memory selftest failed.

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 external RAM is used) and in case that selftest fails, it will return this error. Easiest way to diagnose this is to run generic DCC loader DLL.

Generic DLLs use internal MCU SRAM, and in case that You can boot target device without problems using generic DLL, and with model specific You have this error, it's hardware problem.

Example - HTC Desire DLL returns "RAM memory selftest failed." error, while QUALCOMM OSD8xxx NAND works without errors.

Unique solution ID: #1047

Author: Legija

RIFF JTAG Error codes and troubleshooting

Last update: 2012-04-30 16:34