

RIFF JTAG Error codes and troubleshooting

ERROR: No response from the RIFF Box.

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Can happen due to numerous of reasons. Mostly it's caused by wrongly configured RTCK/TCK sampling value, or badly connected device. In some cases it can be caused by hardware failure on target device.

Solutions:

- Adjust RTCK/TCK sampling to lower value
- Recheck connection
- Check device hardware for problems

How to set RTCK/TCK :

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JTAG TCK Speed:

RTCK

Sample at MAX

Sample at MAX

Sample at 20 kHz

Sample at 40 kHz

Sample at 60 kHz

Sample at 80 kHz

Sample at 100 kHz

Sample at 200 kHz

Sample at 400 kHz

Sample at 800 kHz

Sample at 1 MHz

Sample at 2 MHz

Sample at 3 MHz

Sample at 4 MHz

Sample at 6 MHz

Sample at 8 MHz

Sample at 9 MHz

Sample at 10 MHz

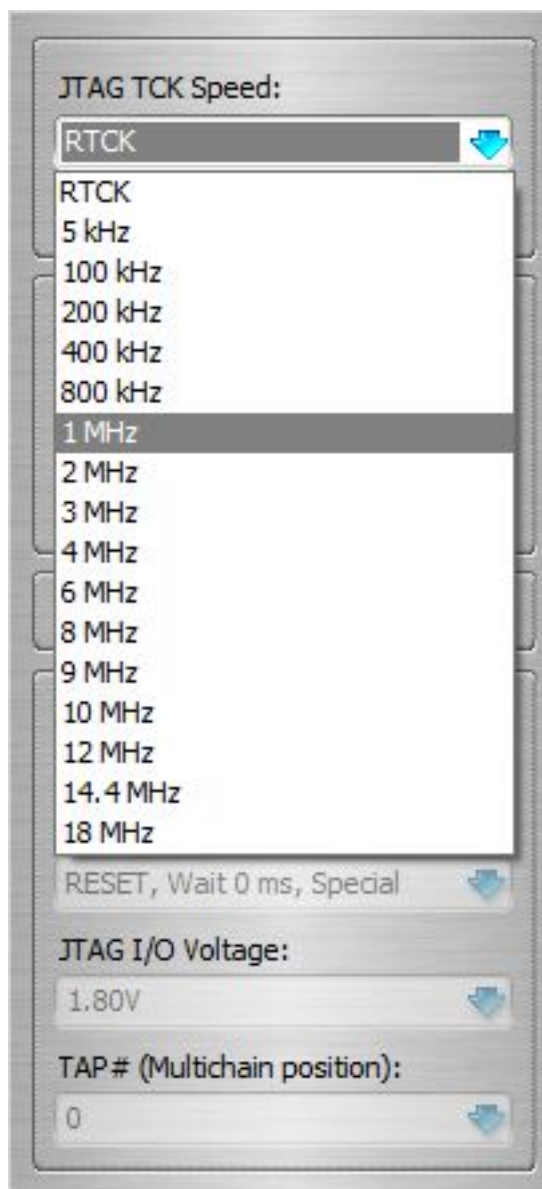
Sample at 12 MHz

1.80V

TAP# (Multichain position):

0

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The image shows a screenshot of a software window titled "RIFF JTAG Error codes and troubleshooting". The window contains three main configuration sections:

- JTAG TCK Speed:** A dropdown menu is open, showing a list of frequencies. The selected option is "RTCK". The list includes: RTCK, 5 kHz, 100 kHz, 200 kHz, 400 kHz, 800 kHz, 1 MHz, 2 MHz, 3 MHz, 4 MHz, 6 MHz, 8 MHz, 9 MHz, 10 MHz, 12 MHz, 14.4 MHz, and 18 MHz.
- JTAG I/O Voltage:** A dropdown menu showing the selected value "1.80V".
- TAP # (Multichain position):** A dropdown menu showing the selected value "0".

Below the JTAG TCK Speed dropdown, there is a button labeled "RESET, Wait 0 ms, Special".

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