

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 software window for configuring JTAG settings. It contains three main sections: 'JTAG TCK Speed' with a dropdown menu showing options from RTCK to 18 MHz (1 MHz is selected); 'JTAG I/O Voltage' with a dropdown menu showing 1.80V; and 'TAP # (Multichain position)' with a dropdown menu showing 0. Each dropdown has a blue arrow icon to its right.

JTAG TCK Speed:

RTCK

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

18 MHz

RESET, Wait 0 ms, Special

JTAG I/O Voltage:

1.80V

TAP # (Multichain position):

0

Unique solution ID: #1042

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