

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

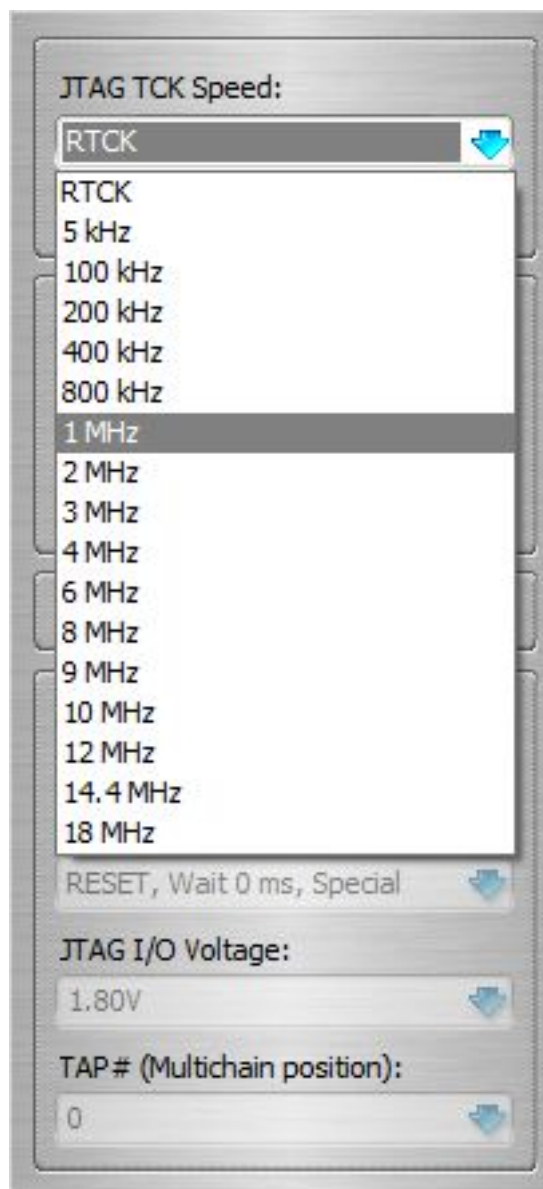
Sample at 12 MHz

1.80V

TAP# (Multichain position):

0

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The image shows a software window for JTAG configuration. It contains several sections with dropdown menus and a list box. The 'JTAG TCK Speed' section has a dropdown menu with 'RTCK' selected and a list of other speeds. The 'JTAG I/O Voltage' section has a dropdown menu with '1.80V' selected. The 'TAP # (Multichain position)' section has a dropdown menu with '0' selected. There is also a 'RESET, Wait 0 ms, Special' button.

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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