1 ModelSim timing diagram colour scheme

- 1) Install ModelSim following indications.
- 2) Edit preferences:

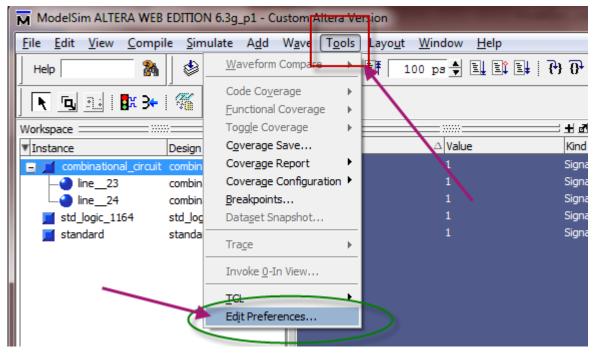


Fig. 1 Click on the Tools tab, and then on Edit preferences

3) Go down to "Wave Windows" and take a look the colour applied to every item which conforms the wave windows where the timing diagrams will be sketched. Change the colour of the logic values.

By Window By Name			
Dataflow Windows List Windows Main Window Memory Windows Active Process Window Objects Windows Structure Windows Locals Window Wave Windows	LOGIC_0 LOGIC_1 LOGIC_DC LOGIC_H LOGIC_U LOGIC_U LOGIC_W LOGIC_X LOGIC_X LOGIC_Z Blue background cursorDeltaColor foreground	text text text text 1164 10 Z 1 1 155 841 31	Palette

Fig. 2 Change the colour of the waveform logic values

4) Change the colour of the other items:

By Window By Name	
Window List	Wave Windows Color Scheme
Dataflow Windows	LOGIC Z
List Windows	background Whe
Main Window	cursorColor
Memory Windows	cursorDeltaColor
Active Process Wind	foreground
Objects Window	gridColor
Source Windows	selectBackground
Structure Windows	selectForeground
Locals Window	textColor>Blue
Wave Windows	timeColor Blue
	vectorColor
	waveBackground

Fig. 3 Colours for the remaining graphical items

5) Run a simulation and check how a timing diagram looks like.

So that a given timing diagram will look like the one represented in Fig. 4. Use comments, so that it becomes clear to the reader that you comprehend what exactly in going on in the circuit.

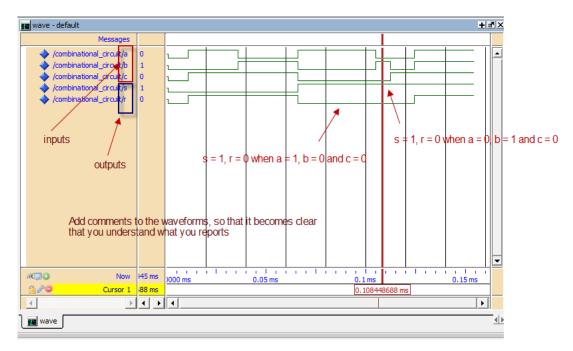


Fig. 4 A typical simulation screen ready for reporting on the solution file

Use this scheme or a similar one with the white background always in any of your simulations.