

Html generated by [Symphony EDA](#) Sonata for 'C:/Users/welly/Documents/GitHub/LT38A/pratica05/simili/testStateConverter.vhdl'
Source file last modified on Thu Oct 19 23:57:05 Hora oficial do Brasil 2023

Note: Use IE 5+ or Netscape 6+ or Mozilla Firefox for best results

```
1  entity testStateConverter is
2
3  end entity;
4
5  architecture behavior of testStateConverter is
6
7      component stateConverter is
8          port (
9              temp: in bit_vector(7 downto 0);
10             state: out bit_vector(2 downto 0);
11             transition: out bit_vector(2 downto 0)
12          );
13      end component;
14
15      signal temp: bit_vector(7 downto 0);
16      signal state: bit_vector(2 downto 0);
17      signal transition: bit_vector(2 downto 0);
18
19  begin
20
21      st: stateConverter port map(temp,state,transition);
22
23      process
24      begin
25
26          temp <= x"00"; wait for 50 ns;
27          temp <= x"0a"; wait for 50 ns;
28          temp <= x"0b"; wait for 50 ns;
29          temp <= x"14"; wait for 50 ns;
30          temp <= x"15"; wait for 50 ns;
31          temp <= x"1e"; wait for 50 ns;
32          temp <= x"1f"; wait for 50 ns;
33          temp <= x"3c"; wait for 50 ns;
34          temp <= x"3d"; wait for 50 ns;
35          temp <= x"FF"; wait for 50 ns;
36
37      end process;
38
39  end architecture;
40
41
42
```

Note: Modifying your display preferences for the text editor in Sonata will correspondingly modify the look and feel of the generated HTML file. Also, to properly print background colors, you may have to enable a setting in your browser (especially IE users).

