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conf\_tb\_asiso\_gen\_dpctrl\_own\_flat.vhd

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-- File: conf_tb_asiso_gen_dpctrl.vhd  
-- Description: configuration of generic SISO for data path/controller  
--             architecture  
-- Author: Sabih Gerez, University of Twente  
-- Creation date: Sat Aug 21 21:42:00 CEST 2004  
-----  
-- $Rev: 1$  
-- $Author: gerezsh$  
-- $Date: Thu Sep 15 09:40:39 CEST 2022$  
-- $Log$  
-----  
  
configuration conf_tb_asiso_gen_dpctrl_own_flat of tb_asiso_gen_top is  
  for top  
    for tg: tb_asiso_gen use entity work.tb_asiso_gen(structure)  
      generic map (word_length => 16);  
    for structure  
      for duv: siso_gen use entity work.siso_gen(flat_dpctrl_gcd_16_10);  
      end for;  
      for tv: tv_asiso_gen use entity work.tv_asiso_gen(file_io)  
        generic map (word_length => 16,  
                     in_file_name => "gcd16.in",  
                     out_file_name => "gcd16.out");  
      end for;  
    end for;  
  end for;  
end conf_tb_asiso_gen_dpctrl_own_flat;
```