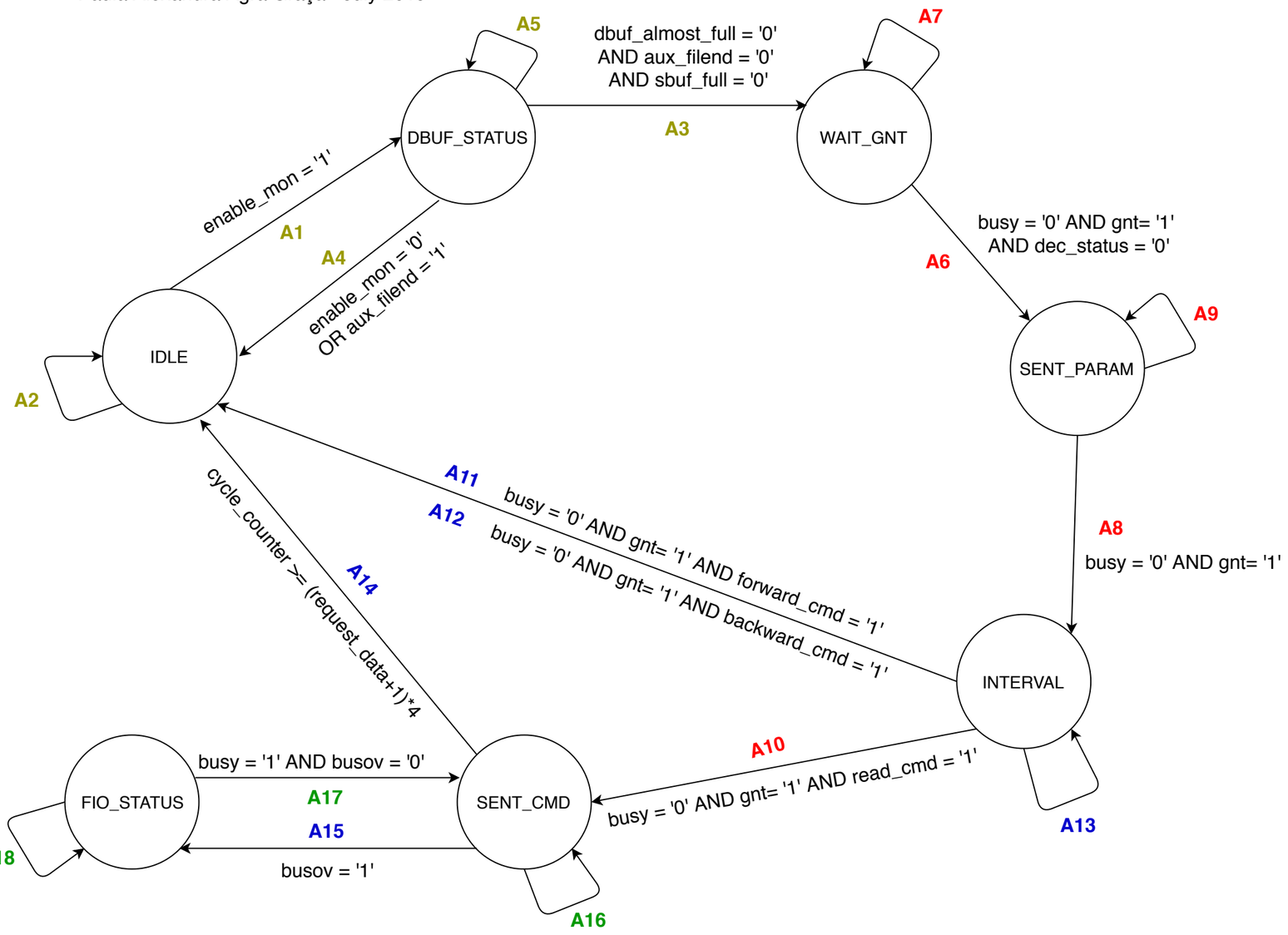
MonitorFSM

Paula Alexandra Agra Graça - July 2019



Outputs:

A1	A2	A3, A7, A8, A13
req <= '0' busiv <= '0' dbuf_wr <= '0' forward_lcd <= '0' backward_lcd <= '0'	req <= '0' busiv<= '0' dbuf_wr<= '0' aux_filend <= '0' cycle_counter <= x"00000000" & '0' forward_lcd <= '0'; backward_lcd<= '0'	req <= '1' busiv <= '0' dbuf_wr <= '0'

A4, A5, A16	A6	A9	A10
req <= '0' busiv <= '0' dbuf_wr <= '0'	req <= '1' ctrl <= '0' busiv <= '1' busi <= request_data dbuf_wr <= '0'	req <= '1' busiv <= '0' dbuf_wr <= '0'	req <= '1' ctrl <= '1' busiv <= '1' busi <= x"02" dbuf_wr <= '0' read_cmd <= '0'

A11	A12	A14
forward_lcd <= '1' req <= '1' ctrl <= '1' busiv <= '1' busi <= x"04" dbuf_wr <= '0'	backward_lcd <= '1' req <= '1' ctrl <= '1' busiv <= '1' busi <= x"05" dbuf_wr <= '0' backward_cmd <= '0'	req <= '0' busiv <= '0' dbuf_wr <= '0' total_counter <= total_counter + cycle_counter cycle_counter <= x"00000000" & '0'

A15	A17	A18
busiv <= '0' dbuf_wr <= '1'	busiv <= '0' dbuf_wr <= '0' cycle_counter <= cycle_counter + dword_size	busiv <= '0' dbuf_wr <= '1' cycle_counter <= cycle_counter + dword_size