p_clk	irq_out
p_resetn	
p_wb_CYC_I	p_wb_DAT_O [31:0]
p_wb_STB_I	p_wb_RTY_O
p_wb_LOCK_I	p_wb_ACK_O
p_wb_SEL_I [3:0]	p_wb_ERR_O
p_wb_WE_I	
p_wb_ADR_I [31:0]	
p_wb_DAT_I [31:0]	
	p_wb_CYC_O
	p_wb_STB_O
	p_wb_LOCK_O
p_wb_DAT_I [31:0]	p_wb_SEL_O [3:0]
p_wb_RTY_I	p_wb_WE_O
p_wb_ACK_I	p_wb_ADR_O [31:0]
p_wb_ERR_I	p_wb_DAT_O [31:0]

Coprocessor