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

Coprocessor