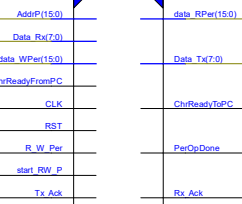


CLK
RST

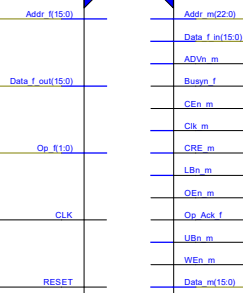
RXD

peripheral_uart



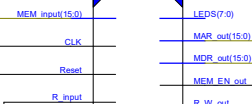
PeripheralIO_m

nexys2_mem_interface



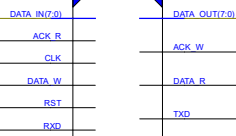
Memory_m

LC_3_data_path



LC3

Serial



Serial_m

systembus



SystemBus_m

TXD

LEDS (7:0)