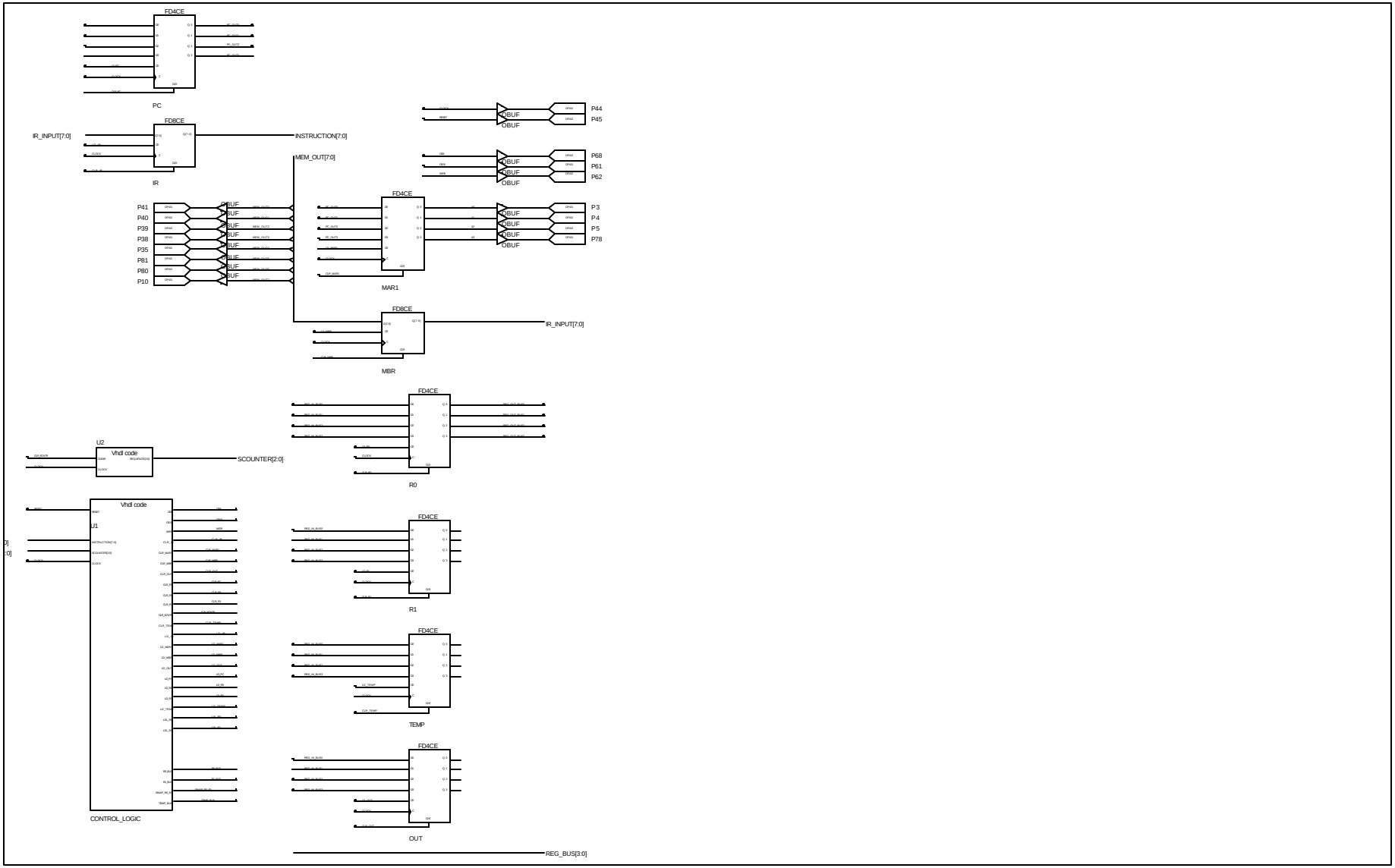
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PC
FD8CE
IR
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INSTRUCTION[7:0]
MEM_OUT[7:0]
OBUF
P44
P45
P68
P61
P62
P41
P40
P39
P38
P35
P81
P80
P10
P3
P4
P5
P78
MAR1
MBR
U2
Vhdl code
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U1
CONTROL_LOGIC
R0
R1
TEMP
OUT
REG_BUS[3:0]