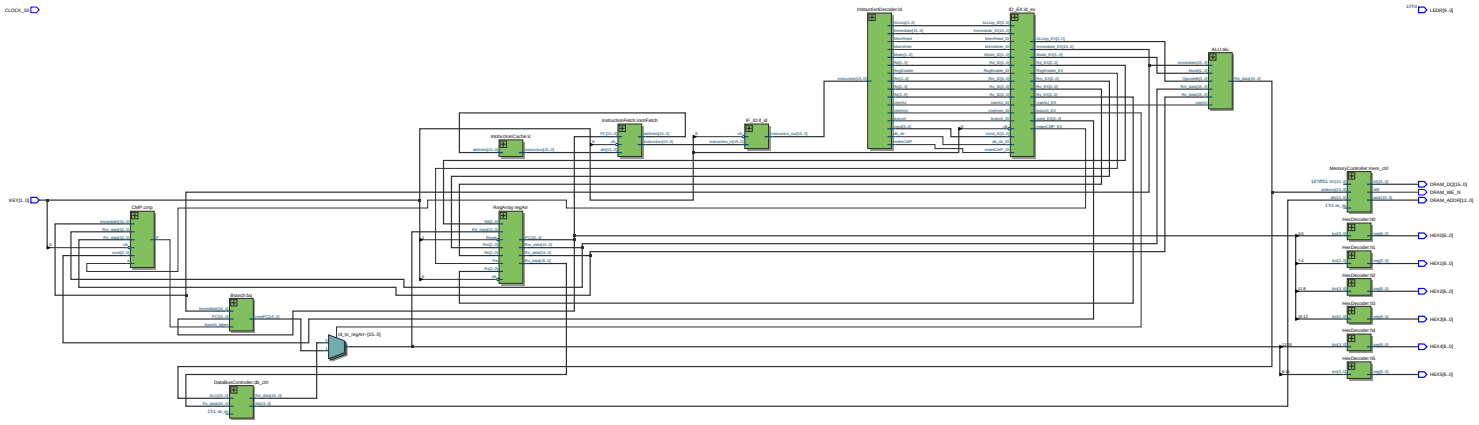
CLOCK_50
KEY[1..0]
CMP:cmp
Branch:bp
Hi_to_regAr~[15..0]
DataBusController:db_ctrl
InstructionCache:ic
InstructionFetch:instFetch
IF_ID:if_id
InstructionDecoder:id
ID_EX:id_ex
ALU:alu
RegArray:regAr
MemoryController:mem_ctrl
HexDecoder:h0
HexDecoder:h1
HexDecoder:h2
HexDecoder:h3
HexDecoder:h4
HexDecoder:h5
DRAM_DQ[15..0]
DRAM_WE_N
DRAM_ADDR[12..0]
HEX3[6..0]
HEX2[6..0]
HEX1[6..0]
HEX0[6..0]
LEDR[9..0]