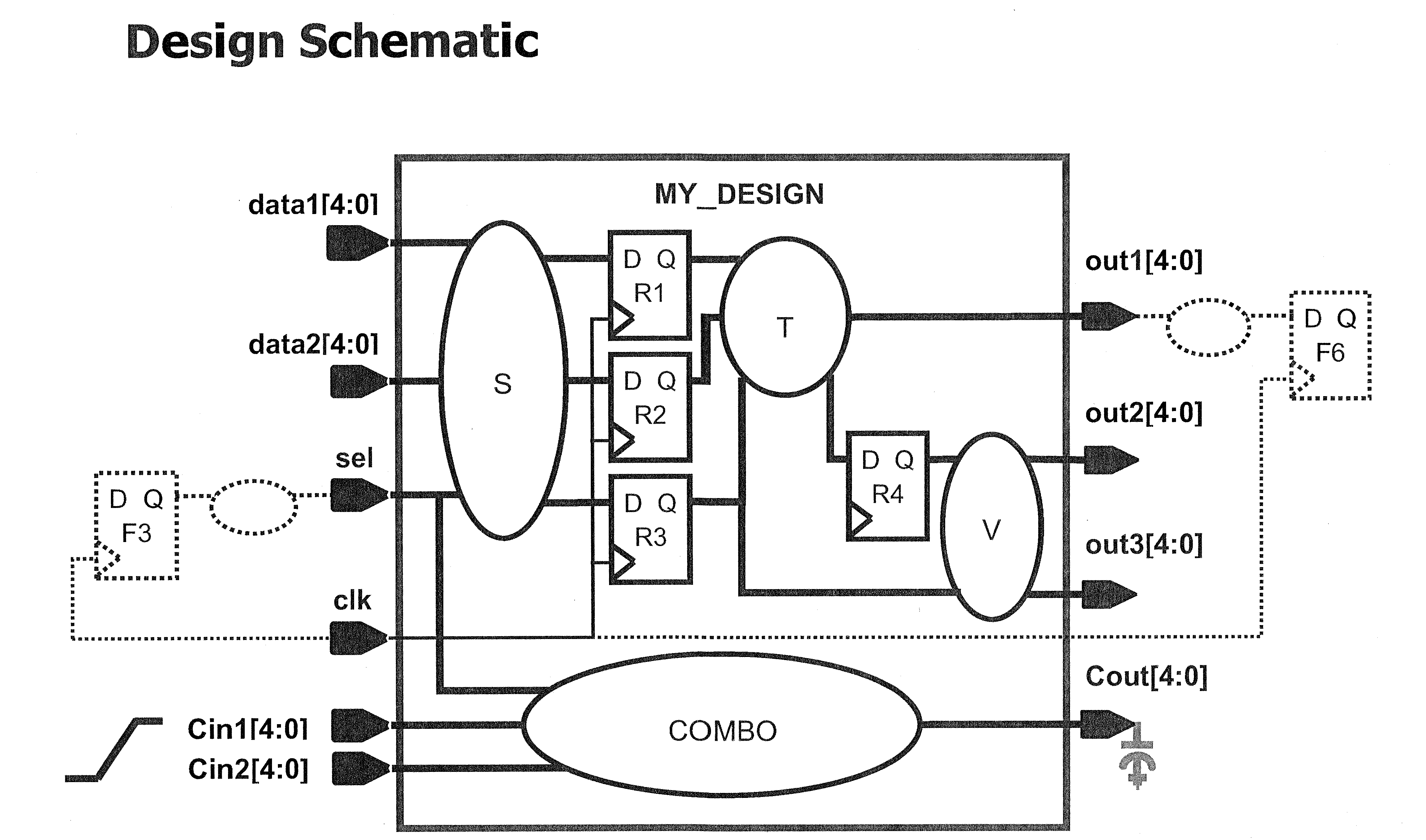
Lab3 **Environmental Attributes**

**The library Capacitive Unit 1000pf.**

**Linux> cd lab4**

**Linux> cp lab3/scripts/MY\_DESIGN.con scripts/MY\_DESIGN.con**



**Design Specification**

|  |  |
| --- | --- |
| **Input Ports**  **(drivers)** | 1. Specify a drive on all inputs, except clk and **Cin\*,**using the buffer **bufbd1** in the library.  2. The **Cin\*** ports are chip-level inputs and have a **120ps** maximum input transition. |
| **Output Ports**  **(loads)** | 1. All outputs, except **Cout,** drive a maximum load equivalent to **2** times the capacitance of the " I " pin of the cell **bufbd7**.  2. The **Cout** port drives a maximum load of **25 fF.** |

set\_driving\_cell -lib\_cell -library \

[remove\_from\_collection [ ] [ ]]

set\_input\_transition [get\_ports Cin\*]

set\_load [expr 2 \* {[load\_of cb13fs120\_tsmc\_max/bufbd7/I]}] [get\_ports out\*]

set\_load [get\_ports Cout\*]

set\_operating\_conditions -max cb13fs120\_tsmc\_max