

#CPF implementation (power_spec.cpf)

```
set_cpf_version 1.0e
set_hierarchy_separator /
set_design RocketTile
create_power_nets -nets { vcc } -voltage 0.765
create_ground_nets -nets { vss }
create_power_domain -name AO -default
update_power_domain -name AO -primary_power_net vcc -primary_ground_net vss
create_global_connection -domain AO -net vcc -pins vcc
create_global_connection -domain AO -net vss -pins vss
create_nominal_condition -name nominal -voltage 0.765
create_power_mode -name aon -default -domain_conditions {AO@nominal}
End_design
```

#Final UPF generated **(Generated from PAR)**

```
set_design_top RocketTile
create_power_domain AO \
    -elements {.}
create_supply_net vcc -domain AO
create_supply_port vcc -domain AO \
    -direction in
connect_supply_net vcc -ports vcc
create_supply_net vss -domain AO
create_supply_port vss -domain AO \
    -direction in
connect_supply_net vss -ports vss
set_domain_supply_net AO \
    -primary_power_net vcc \
    -primary_ground_net vss
add_port_state vcc \
    -state {default 0.765}
add_port_state vss \
    -state {default off}
create_pst pwr_state_table \
    -supplies {vcc vss}
add_pst_state aon \
    -pst {pwr_state_table} \
    -state {default default}
```