

Energy Reservation Fabric

Transactional energy/current reservation before issue

IP-2015 · Executed digital evidence · RTL / reference evaluation

Function and architecture

- RTL exists
- 47/0 simulation
- generic synthesis top reported at 26,655 cells. Formal run is inconclusive/no completed formal-PASS record. Distinct from GEF/GAPF/ODX power policy

Integration summary

Energy Reservation Fabric provides the documented transactional energy/current reservation before issue responsibility: Transactional energy/current reservation before issue Evaluate the exact IP-2015 implementation and confirm its integration contract before using it inside the target design.

Technical record

Canonical identity	IP-2015
Native implementation identity	IP-2015
Documented responsibility	Transactional energy/current reservation before issue
Recorded evidence class	Executed digital evidence
Interface and physical parameters	Bound to the selected source/configuration; not inferred from name or family.

Delivery and release binding

- Exact implementation and configuration manifest
- Documented interfaces and clock/reset contract
- Available reference or verification collateral
- Recorded physical views where authorized and applicable
- Integration acceptance criteria and unresolved gate list

Confirm for the selected release: Source/configuration identity, Interface and dependencies, Verification evidence, Process/library where applicable, Authorized package and acceptance criteria.

Evidence and qualification

RTL exists; 47/0 simulation; generic synthesis top reported at 26,655 cells. Formal run is inconclusive/no completed formal-PASS record. Distinct from GEF/GAPF/ODX power policy.

Evidence shown is the Bible record for this canonical implementation, not a fresh tool rerun. External foundry acceptance, silicon measurements, standards certification and unlisted interface/physical parameters are not inferred. Exact delivery and rights are agreed before licensing.

Canonical status: RTL + SIMULATION + GENERIC SYNTHESIS EVIDENCED — FORMAL INCOMPLETE; no physical implementation or silicon evidence.

Source basis: Bible v7.42 VERIFIED V29, IP-2015; 68.1 Standalone synthesized IP (table 723, row 5).

Evaluation and licensing

Evaluation: Review the exact recorded implementation and agreed test scope. Production: Named-design rights for the agreed qualified release. Custom work: Target integration, verification or physical qualification. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

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