CPU & EXECUTION

RASIN Persistent Commit Ledger / Journal

Stages persistence transactions and makes commit durable/visible only after required data/metadata or media acknowledgement; abort/crash handling preserves recoverability rules.

IP-4258 · Source / reference evidence · RTL / reference evaluation

Function and architecture

• Stages persistence transactions and makes commit durable/visible only after required data/metadata or media acknowledgement

• abort/crash handling preserves recoverability rules

Integration summary

RASIN Persistent Commit Ledger / Journal provides the documented persistence / recovery ip responsibility: Stages persistence transactions and makes commit durable/visible only after required data/metadata or media acknowledgement; abort/crash handling preserves recoverability rules. Evaluate the exact RASIN-MC-IP-012 implementation and confirm its integration contract before using it inside the target design.

Technical record

Canonical identity	IP-4258
Native implementation identity	RASIN-MC-IP-012
Documented responsibility	Stages persistence transactions and makes commit durable/visible only after required data/metadata or media acknowledgement; abort/crash handling preserves recoverability rules.
Recorded evidence class	Source / reference 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

rasin-memory/continuum/multipdk/evidence September 1 branches + PR #8 frozen local evidence

Evidence shown is our 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: P1-P2 / SOURCE RTL + FROZEN LOCAL/REFERENCE EVIDENCE

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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