MEMORY & COHERENCY

LAKOU Memory + Security Access Contract

Authorizes object access only when permission, domain, epoch and version policy all succeed; failure faults the current neighborhood before ledgered writes become externally visible.

IP-3830 · Source / reference evidence · RTL / reference evaluation

Function and architecture

- Authorizes object access only when permission, domain, epoch and version policy all succeed
- failure faults the current neighborhood before ledgered writes become externally visible

Integration summary

LAKOU Memory + Security Access Contract provides the documented memory / security architecture responsibility: Authorizes object access only when permission, domain, epoch and version policy all succeed; failure faults the current neighborhood before ledgered writes become externally visible. Evaluate the exact LAKOU-IP-012 implementation and confirm its integration contract before using it inside the target design.

Technical record

Canonical identity	IP-3830
Native implementation identity	LAKOU-IP-012
Documented responsibility	Authorizes object access only when permission, domain, epoch and version policy all succeed; failure faults the current neighborhood before ledgered writes become externally visible.
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

Evidence retained in our records

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 / IMPLEMENTATION-BACKED; EXHAUSTIVE SOFTWARE POLICY 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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