EDA

GarmoRoute

Routing-demand/overflow point-tool surface with reference implementation and CUDA routing primitive.

IP-4285 · Engineering software · Software / tooling

Function and architecture

- Routing-demand/overflow point-tool surface with reference implementation and CUDA routing primitive.
- Evaluation and enterprise licensing
- Controlled release and integration scope

Integration summary

GarmoRoute: Routing-demand/overflow point-tool surface with reference implementation and CUDA routing primitive. Delivered as Software / tooling. Integrate the selected version at its documented input/output boundary; retain source and configuration identity with each result. The exact callable API, dependencies and runtime environment are supplied with the controlled release; this public description is not a substitute for that release contract.

Technical record

Canonical identity	IP-4285
Responsibility	Routing-demand/overflow point-tool surface with reference implementation and CUDA routing primitive.
Delivery boundary	Software / tooling
Evidence scope	Engineering software
Engineering boundary	Routing-demand/overflow point-tool surface with reference implementation and CUDA routing primitive.
Deployment	Software / tooling; 1.0
Operational scope	CPU reference oracles and CUDA-capable surfaces are recorded. No blanket GPU-speedup or end-to-end foundry-signoff claim is made.

Delivery and release binding

- Versioned package and dependency lock
- Deployment environment and access controls
- Input/output schemas and integration examples
- Evaluation scope, support and update policy

Confirm for the selected release: Environment and dependencies, Version / build hash, API compatibility, License and support scope.

Evidence and qualification

The controlled product-release layer includes executable reference surfaces and qualification records. Request the exact selected release bundle.

CPU reference oracles and CUDA-capable surfaces are recorded. No blanket GPU-speedup or end-to-end foundry-signoff claim is made.

Canonical status: P1-P2 / EXECUTABLE REFERENCE; CUDA/INDUSTRIAL ROUTING BENCHMARK OPEN

Evaluation and licensing

Evaluation: Evaluate the named software release. Production: Team or enterprise deployment. Custom work: Workflow and API integration. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

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