EDA

GSCL Library Compiler

Canonical-spec compiler generating logical masters, generic transistor seeds, development Liberty shell and machine-readable qualification matrix.

IP-4280 · Engineering software · Software / tooling

Function and architecture

• Canonical-spec compiler generating logical masters, generic transistor seeds, development Liberty shell and machine-readable qualification matrix.

• Evaluation and enterprise licensing

• Controlled release and integration scope

Integration summary

GSCL Library Compiler: Canonical-spec compiler generating logical masters, generic transistor seeds, development Liberty shell and machine-readable qualification matrix. 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-4280
Responsibility	Canonical-spec compiler generating logical masters, generic transistor seeds, development Liberty shell and machine-readable qualification matrix.
Delivery boundary	Software / tooling
Evidence scope	Engineering software
Engineering boundary	Canonical-spec compiler generating logical masters, generic transistor seeds, development Liberty shell and machine-readable qualification matrix.
Deployment	Software / tooling; 1.0
Operational scope	No protected PDK content is redistributed. Generated cell views require process-specific characterization.

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.

No protected PDK content is redistributed. Generated cell views require process-specific characterization.

Canonical status: P1-P2 / EXECUTABLE GENERATOR; OUTPUTS UNCHARACTERIZED UNTIL PHYSICAL/ELECTRICAL GATES CLOSE

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.

Contact: patrick@garmolabs.com | Product path: /software/gscl-library-compiler