SECURITY & TRUST

GSC — System Composer

Composes IP/chiplets/packages from capability and compatibility manifests

IP-153 · Architecture IP · Architecture

Function and architecture

• Capability-manifest-driven system composition

• Compatibility inputs across IP, chiplets and packages

Integration summary

GSC — System Composer integration role: System composition tool. Documented composition: Composes IP/chiplets/packages from capability and compatibility manifests.

Technical record

Canonical identity	IP-153
Responsibility	System composition tool
Documented building blocks	Composes IP/chiplets/packages from capability and compatibility manifests
Delivery boundary	Architecture
Evidence scope	Architecture IP

Delivery and release binding

• Interface version and parameter set

• Clock/reset domains and integration constraints

• Companion memory, PHY and software requirements

• Verification collateral and acceptance criteria

Confirm for the selected release: Node/library binding, Clock/reset limits, Physical and protocol dependencies, Artifact hashes, Acceptance criteria.

Evidence and qualification

Canonical technology and its architecture/integration role are recorded. The offered delivery is confirmed against the exact release before licensing.

No node-port, silicon-performance, standards certification or analog qualification is inherited from a related product.

Canonical status: Master build spec

Evaluation and licensing

Evaluation: Evaluate an individual IP configuration. Production: Named-design production license. Custom work: Node binding or derivative integration. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

Contact: patrick@garmolabs.com | Product path: /ip/gsc-system-composer