INTEGRATION & TOOLING

GCF — Continuum Fabric

Physically homogeneous GCE array; mixed-signal compile; partial reconfiguration; self-characterization/self-healing

IP-122 · Architecture IP · Architecture

Function and architecture

- Physically homogeneous GCE array
- mixed-signal compile
- partial reconfiguration
- self-characterization/self-healing

Integration summary

GCF — Continuum Fabric integration role: Homogeneous mixed-signal reconfigurable silicon. Documented composition: Physically homogeneous GCE array; mixed-signal compile; partial reconfiguration; self-characterization/self-healing.

Technical record

Canonical identity	IP-122
Responsibility	Homogeneous mixed-signal reconfigurable silicon
Documented building blocks	Physically homogeneous GCE array; mixed-signal compile; partial reconfiguration; self-characterization/self-healing
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.

Control/model IP does not establish analog PHY, electrical, RF or standards compliance. Qualified third-party or foundry collateral may be required.

Canonical status: Master architecture

Source basis: Bible v7.42 IP-122

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.

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