INTERFACES & MIXED-SIGNAL

Morphic PHY Cell (MPC)

Split/gang/redundant/instrumentation modes; cell health; spare/quarantine

IP-090 · Architecture IP · Architecture

Function and architecture

• Split/gang/redundant/instrumentation modes

• cell health

• spare/quarantine

Integration summary

Morphic PHY Cell (MPC) integration role: Composable physical link resource. Documented composition: Split/gang/redundant/instrumentation modes; cell health; spare/quarantine.

Technical record

Canonical identity	IP-090
Responsibility	Composable physical link resource
Documented building blocks	Split/gang/redundant/instrumentation modes; cell health; spare/quarantine
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: Engineering 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/morphic-phy-cell-mpc